HORIZON NUCLEAR POWER

WYLFA NEWYDD

ENERGY WORKING FOR BRITAIN

Wylfa Newydd Project

8.14 Mitigation Route Map - Reacting to developments through examination

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1 Mitigation Route Map

1.1 Introduction

1.1.1 This Mitigation Route Map (MRM) [updated version submitted at Deadline 6 (19 February 2019)], has been prepared to demonstrate that all necessary controls and mitigation for the Wylfa Newydd DCO Project (Project) have been identified and secured.

1.1.2 The purpose of this document is therefore to:

- provide an audit trail of the controls and mitigation measures on which the Environmental Statement (ES), and other assessment documents i.e. the Health Impact Assessment (HIA), Habitats Regulations Assessment (HRA) and the Welsh Language Impact Assessment (WLIA), rely to avoid, reduce and/or offset significant impacts of the Project; and
- set out the way in which they have been, or will be, secured (Column (6)); either via other Draft DCO documents, DCO requirements, s.106 agreement obligations or other consenting regimes, such as Section 61 Consents (Control of Pollution Act 1974), or Environmental Permits (Environmental Permitting Regulations 2010).

1.1.3 This Mitigation Route Map is not proposed to have any formal status, but is intended to assist the Examining Authority and interested parties in understanding how mitigation relied on by the ES and other assessments will be secured. It is proposed that this document is kept 'live' throughout the Examination and updated to reflect mitigation across all Draft DCO application documents, when appropriate.

1.1.4 In this Deadline 6 (19 February 2019) revision:

- all changes since the MRM's submission at Deadline 2 (4 December 2018) are flagged in blue and underlined; these changes are either
  - errata items;
  - clarifications;
  - new/updated mitigation as a result of the ongoing SoCG discussions; and
  - new/updated mitigation following receipt of the Examining Authority's First Written Questions (FWQs), Written Representations (WR) from Interested Parties and IACC's Local Impact Report
- The changes submitted at Deadline 2 (4 December 2018) are still highlighted red for reference;
- if the older text is superseded, its struck out and replaced with new text as appropriate.

1.2 Structure

1.2.1 This Mitigation Route Map (Rev 2.0) is structured as follows:

- Column (1) provides the item number for each individual issue identified and whether it is new mitigation (by colour).
- Column (2) described the topic area for which the mitigation is required
- Column (3) provides the source of the issue identified (i.e. FWQs, Statements of Common Ground and WRs etc.)
- Column (4) describes the issue for which mitigation is required.
- Column (5) provides the detail of the proposed mitigation measures.
- Column (6) identifies the timing or 'trigger' for when the identified mitigation or measure should be in place. This refers to the ‘construction’, ‘operation’ and ‘decommissioning’ stages of the Power Station.
- Column (7) identifies the securing mechanism(s) for each measure.
- Column (8) categorises the type of mitigation; good practice, embedded or additional.

1.2.2 Project-wide mitigation is presented first, followed by site specific mitigation for the WNDA Development, Off-Site Power Station Facilities, Park and Ride, A5025 Offline Highway Improvements, Logistics Centre and mitigation secured by the s.106 agreement.

1.3 Response to Examining Authority’s FWQ 4.0.113

1.3.1 In the First Written Questions, the Examining Authority requested a number of changes to the next update of the Mitigation Route Map (or Schedule of Mitigation). These included:

- An update to the “securing mechanism” column (Column (6)) to provide reference to specific paragraphs where mitigation is secured;
- A new column indicating the status of each mitigation and reasons if it has not been secured;
- Provision of a second Mitigation Route Map/Schedule of Mitigation that deals solely with mitigation secured through the Draft DCO s.106 agreement with:
  - A column providing clear reference to where that mitigation is secured in the Draft DCO s.106 agreement; and
  - A column outlining how that mitigation would be secured if the Draft DCO s.106 agreement cannot be agreed.

1.3.2 Horizon’s response (as set out at Deadline 2 (4 December 2018) [REP2-375]) to each of these requests is set out below.

Cross-referencing to where mitigation is secured

1.3.3 In its Deadline 2 (4 December 2018) response to this Question, Horizon stated that, given the content of control documents would evolve during the course of Examination in response to issues raised by the Examining Authority and stakeholders, it would be more appropriate to provide cross-refences once the control documents had been finalised. This would avoid cross-references becoming obsolete during examination and leading to confusion.

1.3.4 Horizon has, however, provided an indication of the section of control documents, such as the Code of Construction Practice (CoCPs) or Schedule of the Draft DCO s.106 agreement where this mitigation is secured in order to guide the Examining Authority towards the relevant part of the document.

1.3.5 Full cross-referencing to individual paragraphs will be provided in the final Mitigation Route Map submitted at Deadline 8 (25 March 2019).

Unsecured Mitigation

1.3.6 The Mitigation Route Map submitted at Deadline 2 (4 December 2018) [REP2-038] already included a column which indicated how mitigation measures would be secured. Apart from the mitigation under the Draft DCO s.106 agreement (discussed below), all mitigation listed in the Mitigation Route Map is already secured.

Mitigation under the Draft s.106 agreement

1.3.7 As requested by the Examining Authority, Horizon has separated the mitigation under the Draft DCO s.106 agreement from the rest of the mitigation in the Draft DCO application and presented this as a separate table.

1.3.8 In doing so, Horizon has also updated the detail provided on the s.106 agreement mitigation to ensure that it reflects how mitigation is captured and secured in the s.106 agreement, as it stands at Deadline 6 (19 February 2019) (which has undergone significant updating since Deadline 2 (4 December 2018) following negotiations with stakeholders).

1.3.9 For this reason, this section provides a high-level summary of the agreement (as at Deadline 6 (19 February 2019)) and provides the Examining Authority with an overarching view of the mitigation that is committed to. The position paper accompanying the Deadline 6 (19 February 2019) submission of the s.106 agreement sets out a summary of the outstanding issues between the parties.

Security of mitigation if the Draft DCO s.106 agreement cannot be agreed

1.3.10 Horizon is committed to working with IACC and others to ensure a s.106 agreement is agreed with IACC prior to the end of Examination. Discussion and meetings are ongoing with the aim of achieving this in line with the Examining Authorities rule 8(3) and 13 letter of 12 February 2019.

1.3.11 However, in the event that agreement cannot be reached, the mitigation contained within the Draft DCO s.106 would be secured in the following ways:

- Horizon would provide a unilateral undertaking obliging it to pay the financial obligations:
  - directly to IACC; or
  - in respect of third parties (and subject to a deed of covenant being entered into) to that third party directly,

and in each case the contributions would be paid for specified purposes (which would mirror the drafting of the s.106 agreement as it stands at the time – reflecting as much agreement as possible)

- Horizon would also create a new bespoke schedule in the DCO which:
  - Provides for the establishment of, sets out the roles and responsibilities of, the WAMS Oversight Board and Engagement Groups (which would mirror the drafting of the s.106 agreement but which may be further agreed).
  - Require the Undertaker to prepare plans and strategies (i.e. the Jobs and Skills Implementation Plan, and Jobs and Skills Action Plan) for the Council's approval.
  - Require the Undertaker to deliver or undertake the non-financial commitments – as currently provided for the s.106 agreement. By way of examples only, this would relate to obligations such as:
    - The obligation to establish and operate the Worker Accommodation Management Service and the Supply Chain Portal.
    - The obligation to implement and comply with a Welsh Language Policy and set up an Internal Welsh Language Management Group within the undertaker.

1.3.12 Given that the majority of the obligations would be secured through a unilateral undertaking, Horizon has not sought to include an additional column within the Mitigation Route Map to identify secondary securing mechanisms in the event that the Draft DCO s.106 agreement is not agreed.

Provision of an excel mitigation

1.3.13 Given the large number of mitigation measures being proffered by Horizon, Horizon has also provided an excel version of the Mitigation Route Map to the Examining Authority at Deadline 6 (19 February 2019).

1.3.14 The excel document will enable the Examining Authority to filter the mitigation to key interest points including:

- geographical location (i.e. Park and Ride, Logistics Centre)
- securing mechanism (i.e. Phasing Strategy or CoCP)
- mitigation type (i.e. embedded or additional)
- topic area (i.e. air quality, noise); or
- where the mitigation was identified as necessary (i.e. ES, HIA).

1.3.15 Horizon hopes that, in addition to the changes made to the Mitigation Route Map at Deadline 6 (19 February 2019), this excel will also assist the Examining Authority in navigating through the suite of mitigation proposed.

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Table 1-1 Project Wide

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(1) Item	(2) Topic	(3) Source	(4) Issue	(5) Mitigation measure	(6) Trigger	(7) Securing Mechanism	(8) Type of Mitigation
Environmental Impact Assessment (EIA)							
Volume C, Socio-economics							
0001	Socio-economics	Chapter C1, 1.4.13 (Application Reference Number: 6.3.1)	Reduce adverse effects on local housing market and public services.	The provision of the Site Campus and the facilities within it, during the construction of the Wylfa Newydd Project, provides embedded mitigation to reduce adverse effects on the local housing market and public services facilities. It is a key aspect of the Workforce Accommodation Strategy.	Construction	Phasing Strategy (Deadline 5, Rev 2)	Embedded
0002	Socio-economics	Chapter C1, 1.4.14 (Application Reference Number: 6.3.1)	General potential socio-economic effects associated with the project.	Embedded mitigation delivered as part of the other environmental disciplines (for example, noise and vibration, landscape and visual, air quality, and traffic and transport) will assist in the mitigation of potential socio-economic project- wide effects. A clear example of such embedded mitigation is the provision of the Marine Off-Loading Facility, Logistics Centre, and the Park and Ride which would reduce road movements associated with people and materials fulfilling project requirements during the construction phase, which would subsequently assist in reducing adverse effects on local communities, businesses and visitors. These provisions are secured within the Phasing Strategy Phasing Strategy (Deadline 5, Rev 2)	Construction	Phasing Strategy (Deadline 5, Rev 2)	Embedded
0003	Socio-economics	Chapter C1, 1.4.15 (Application Reference Number: 6.3.1)	Community amenity	The planning and phasing of the required works across the project to ensure overall adverse project-wide effects are reduced in so far as possible/practicable.	Construction	Phasing Strategy (Deadline 5, Rev 2)	Embedded

0006	Socio-economics	Chapter C1, 1.4.22 (Application Reference Number: 6.3.1)	Community amenity	Wylfa Newydd Code of Construction Practice (CoCP) and site-specific sub- CoCPs set out the standards and measures of work ensuring compliance with legislation and the effective planning, management and control of construction activities with the aim of controlling adverse effects on the local community and the environment. They also set out project-wide strategies supported by sub-CoCPs that provide additional standards and measures specifically relevant to a particular site or location.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Marine Works sub-CoCP (Deadline 5, Rev 3), Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3), Park and Ride sub-CoCP (Deadline 5, Rev 3), Logistics Centre sub-CoCP (Deadline 5, Rev 3), and A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3)	Good practice
0007	Socio-economics	Chapter C1, 1.4.23 (Application Reference Number: 6.3.1)	Workforce Management Strategy (WMS)	The WMS (Deadline 5, Rev 2) currently defines the key principles set out by Horizon to attract the right workforce to construct the Wylfa Newydd Project. A Code of Conduct will be written in accordance with the principles of the WMS which will apply to all personnel engaged in the construction of the Wylfa Newydd Project, be it direct employees, contractors or third-parties.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
~~0013~~ ~~(Superseded by 1243)~~	~~Socio-economics~~	~~Chapter C1, 1.6.22 (Application Reference Number: 6.3.1)~~	~~Tourism Sector~~	Superseded by 1243 ~~Horizon will develop suitable arrangements to enable viewing of the construction activity. Initially, this may be a temporary viewing platform available around six months after the start of construction, dependent on availability of safe access and parking capacity. This facility is likely to evolve during the construction period dependent on the positioning of activities through the different phases.~~	~~Construction~~	~~Main Power Station Site sub- CoCP (Deadline 5, Rev 3)~~	~~Additional~~

1132	Socio-economics	New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/ WRs/LIRs	Need for more details in the Community Safety Management Scheme	Prior to the commencement of the authorised development, Horizon will prepare and submit for approval a Community Safety Management Scheme (CSMS) in accordance with the Requirements in the Draft DCO and principles in the WN CoCP. The approved CSMS (or any approved variations) will be implemented for the duration of the construction of the Wylfa Newydd DCO Project and Horizon, as set out in the Draft DCO s.106 agreement, will continue to collaborate with emergency services for the duration of the construction period. Horizon will establish a joint working group to work collaboratively on development of the CSMS.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Additional
1133	Socio-economics	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Need for more details in the Protest Management Scheme	Prior to the commencement of the authorised development, Horizon will prepare and submit for approval a Protest Management Scheme. The Protest Management Scheme will be implemented for the duration of the construction and based on the principles below: Horizon recognises the legal right of peaceful protest. • Horizon recognises that safety is paramount. • Horizon will endeavour to ensure that any peaceful protest conducted in the vicinity of its land and operations is conducted in a safe manner for both the protestors' and Horizon workforce's perspectives alike. This may include allocating an area of land on which the protest can take place. • Horizon will comply with any reasonable request from local authorities or Police to ensure the safety of the protestors and workforce. • If given advance notice of the peaceful protest Horizon may choose to require non-essential staff to work from home, suspend operations or may employ additional security guards for the duration. • If the protest takes place in an unauthorised area and is causing delays / blocking access / not safe to essential to ongoing work Horizon may choose to employ a specialist company approved in methods of protestor removal. • Horizon has clear procedures for dealing with trespassers. • Horizon will inform the Police and the IACC if Horizon becomes aware of, or had received intelligence in relation to, any proposed protest activities	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Additional
Volume C, Traffic and Transport							
0014	Traffic and Transport	Chapter C2, 2.4.12, 2.4.18 (Application Reference Number: 6.3.2)	Increases in traffic volumes, particularly heavy goods vehicles (HGVs) along the A5025, also resulting in potential increases in journey times and driver stress for all road users.	The provision of a Logistics Centre at Parc Cybi would mitigate the potential traffic-related effects of construction of the Power Station and control the volume of HGVs and Abnormal Indivisible Loads travelling along the A5025 as road based freight to/from the Wylfa Newydd Development Area.	Construction	Phasing Strategy (Deadline 5, Rev 2)	Embedded

0015	Traffic and Transport	Chapter C2, 2.4.12, 2.4.18 (Application Reference Number: 6.3.2)	Increased private vehicle traffic volumes associated with the daily commute to the Wylfa Newydd Development Area and associated effects such as driver stress and accidents.	The Site Campus for a proportion of the construction workforce (for ~~up to~~ 4,000 construction workers) would reduce daily traffic commuting to and from the Wylfa Newydd Development Area, including reducing the need for off-site vehicle movements at shift-changes that would otherwise occur.	Construction	Phasing Strategy (Deadline 5, Rev 2)	Embedded
0016	Traffic and Transport	Chapter C2, 2.4.12, 2.4.18 (Application Reference Number: 6.3.2)	Increased private vehicle traffic volumes associated with the daily commute to the Wylfa Newydd Development Area and associated effects such as driver stress and accidents.	The Park and Ride would mitigate the potential traffic-related effects of construction of the Power Station by reducing the number of private vehicle movements during construction.	Construction	Phasing Strategy (Deadline 5, Rev 2)	Embedded
0017	Traffic and Transport	Chapter C2, 2.4.12, 2.4.18 (Application Reference Number: 6.3.2)	Increased private vehicle traffic volumes associated with the daily commute to the Wylfa Newydd Development Area and associated effects such as driver stress and accidents.	Shuttle buses would be provided between the Park and Ride and construction sites at the WNDA Development, the Off-Site Power Station Facilities and Logistics Centre, A5025 Off-line Highway Improvements to reduce the number of private vehicle movements to and from the Wylfa Newydd Development Area.	Pre-construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Embedded
0018	Traffic and Transport	Chapter C2, 2.4.12, 2.4.18 (Application Reference Number: 6.3.2)	Poor access from local towns and villages to the Wylfa Newydd Development Area during construction leading to increased traffic volumes.	The provision of a new bus stop on the A5 at the Park and Ride to improve access to and from local towns and villages for construction workers.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0019	Traffic and Transport	Chapter C2, 2.4.12, 2.4.18 (Application Reference Number: 6.3.2)	Increased private vehicle traffic volumes associated with the daily commute to the Wylfa Newydd Development Area and associated effects such as driver stress and accidents.	There would be provision of up to 1,900 car parking spaces at the Park and Ride with additional car parking available at the car park at the Wylfa Newydd Development Area.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded

0020	Traffic and Transport	Chapter C2, 2.4.13, 2.4.19 (Application Reference Number: 6.3.2)	Increased private vehicle and bus traffic volumes associated with the daily commute to the Wylfa Newydd Development Area and associated effects such as driver stress and accidents.	Staggered shift times would be implemented to reduce peak hourly flows associated with private vehicle and bus movements.	Pre-construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Good practice
0021	Traffic and Transport	Chapter C2, 2.4.13, 2.4.19 (Application Reference Number: 6.3.2)	Increased private vehicle traffic volumes associated with the daily commute to the Wylfa Newydd Development Area and associated effects such as driver stress and accidents.	Horizon would provide a dedicated shuttle bus service for construction workers living in Anglesey i.e. in Holyhead, Bangor and Caernarfon, as needed, to reduce the number of private vehicle movements to the Park and Ride or the Wylfa Newydd Development Area.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Good practice
0022	Traffic and Transport	Chapter C2, 2.4.13, 2.4.19 (Application Reference Number: 6.3.2)	Increases in traffic volumes, particularly HGVs along the A5025, also resulting in potential increases in journey times and driver stress for all road users.	A delivery window on the A5025 for the construction materials has been identified. The delivery window would run from 07:00 to 19:00, Monday to Friday, with restrictions during school start and end times in advance of the A5025 Off-line Highway Improvements being operational. It is anticipated that deliveries may occasionally be undertaken outside of these times, but they would be limited whenever practicable.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Good practice
0023	Traffic and Transport	Chapter C2, 2.4.13, 2.4.19 (Application Reference Number: 6.3.2)	Increases in traffic volumes, particularly Heavy Duty Vehicles, also resulting in potential increases in journey times and driver stress for all road users.	Access routes for HGVs, buses and abnormal indivisible loads (AILs) to the individual sites which comprise the Wylfa Newydd Project have been identified. The prioritised routing to be used is along the A55 from the mainland via Britannia Bridge to Valley and then the A5025 north. There would be some exceptions to this, for example, the north and east of Anglesey shuttle buses which would be routed via the A5025 on the eastern side of Anglesey to transport construction workers living in settlements in eastern Anglesey to and from the Wylfa Newydd Development Area and other Wylfa Newydd Project sites. A dynamic vehicle tracking system, which is proposed to monitor, manage and control deliveries to site, will help identify any vehicles which do not follow these routes if problems are highlighted by members of the public or stakeholders (see Logistics Centre sub-CoCP). These issues can be considered by the Transport Engagement Group of which IACC is a member. This group has access to monitoring funds to undertake surveys and / or deliver mitigation measures if considered appropriate.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Good practice

0024	Traffic and Transport	Chapter C2, 2.4.13, 2.4.19 (Application Reference Number: 6.3.2)	Increases in traffic volumes, particularly Heavy Duty Vehicles, also resulting in potential increases in journey times and driver stress for all road users.	Bilingual temporary signage would be erected along the A55/A5025 access routes to the proposed developments. The locations of signage would be drafted and agreed with the appropriate authorities in plain format. The purpose of the signs would be to ensure effective route management.	Pre-construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Good practice
0025	Traffic and Transport	Chapter C2, 2.4.13, 2.4.19 (Application Reference Number: 6.3.2)	Increases in traffic volumes, particularly uncoordinated HGVs along the A5025.	To ensure that deliveries are managed according to the capacity of the loading facilities available at the site, a delivery booking system would be implemented.	Pre-construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Good practice
0026	Traffic and Transport	Chapter C2, 2.4.13, 2.4.19 (Application Reference Number: 6.3.2)	The impact of the anticipated increase in motor traffic created by the Project on the local road network.	Horizon will promote and encourage car-sharing between staff using appropriate internal media, for example, an intranet or app.	Pre-construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Good practice
0027	Traffic and Transport	Chapter C2, 2.4.13, 2.4.19 (Application Reference Number: 6.3.2)	Use of unsustainable vehicle types for travel to the Wylfa Newydd Development Area.	Electric vehicle charging points would be provided in the main staff car park to incentivise the use of sustainable transport.	Pre-construction	Main Power Station Site sub- CoCP (Deadline 5, Rev 3), Chapter 5	Good practice
0028	Traffic and Transport	Chapter C2, 2.4.13, 2.4.19 (Application Reference Number: 6.3.2)	Increased private vehicle traffic volumes associated with the daily commute to the Wylfa Newydd Development Area and associated effects such as driver stress and accidents.	Workers parking at the Wylfa Newydd Development Area or using the Park and Ride would be required to register their cars and contact details with Horizon.	Construction & Pre-operation	Workforce Management Strategy (WMS) (Deadline 5, Rev 2)	Good practice

0029	Traffic and Transport	Chapter C2, 2.4.13, 2.4.19 (Application Reference Number: 6.3.2)	Increases in traffic associated with construction of the Project, also resulting in effects on journey times, driver stress and accidents.	Horizon would monitor the effectiveness of its traffic management through a suite of indicators consistent with appropriate good practice and guidance.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Good practice
0030	Traffic and Transport	Chapter C2, 2.4.18, 2.4.24 (Application Reference Number: 6.3.2)	Increases in traffic associated with construction of the Project, also resulting in effects on journey times, driver stress and accidents.	Highway improvements along the A5025 between Valley and the Wylfa Newydd Development Area would result in the bypassing of the communities of Valley, Llanfachraeth and Llanfaehtlu, realignment of the highway through Cefn Coch and an increase in the highway width along the sections of the A5025 between these villages.	Construction	Phasing Strategy (Deadline 5, Rev 2)	Embedded
0031	Traffic and Transport	Chapter C2, 2.4.18 (Application Reference Number: 6.3.2)	Increases in traffic volumes, particularly HGVs, associated with construction deliveries.	The MOLF is expected to receive at least 60% of the total material required for the Wylfa Newydd Project construction, once operational (although Horizon would seek to increase this amount up to 80% where possible). This would limit the amount of material required to travel by road.	Pre-construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Embedded
0032	Traffic and Transport	Chapter C2, 2.4.24 (Application Reference Number: 6.3.2)	Increases in traffic volumes, particularly HGVs, associated with operational activities.	As set out in the Wylfa Newydd Code of Operational Practice (CoOP) (Application Reference Number: 8.13), the MOLF employed during the construction stage of the development would be made available to be used for the transportation of bulk components if required during the operational stage.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 5	Embedded
0033	Traffic and Transport	Chapter C2, 2.4.25, 2.4.26 (Application Reference Number: 6.3.2)	Increases in traffic associated with operation of the Project, also resulting in effects on journey times, driver stress and accidents.	Operational Travel Strategy.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 5	Good practice

0034	Traffic and Transport	Chapter C2, 2.4.27 (Application Reference Number: 6.3.2)	Increases in traffic associated with operation of the Project, also resulting in effects on journey times, driver stress and accidents.	All measures to encourage sustainable travel would be promoted by a Travel Plan Coordinator (TPC) for the Power Station during the operational phase.	Pre-operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 5	Good practice
0035	Traffic and Transport	Chapter C2, 2.4.29 (Application Reference Number: 6.3.2)	The impact of the anticipated increase in motor traffic created by the Project on the local road network.	Horizon will promote and encourage car-sharing between staff using appropriate internal media, for example, an intranet or app.	Pre-operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 5	Good practice
0036	Traffic and Transport	Chapter C2, 2.4.29 (Application Reference Number: 6.3.2)	Increases in traffic associated with operation of the Project, also resulting in effects on journey times, driver stress and accidents.	Sustainable travel information outlining the travel options to the site, links to a car share database and other websites displaying key information, would be part of the induction materials provided to staff.	Pre-operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 5	Good practice
0037	Traffic and Transport	Chapter C2, 2.4.29 (Application Reference Number: 6.3.2)	Use of unsustainable vehicle types for travel to the Wylfa Newydd Development Area.	Electric vehicle charging points would be provided in the main staff car park to incentivise the use of sustainable transport, compatible with others across Anglesey and North Wales.	Pre-construction	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Good practice
0038	Traffic and Transport	Chapter C2, 2.4.29 (Application Reference Number: 6.3.2)	Increases in traffic associated with operation of the Project, also resulting in effects on journey times, driver stress and accidents.	Canteen facilities would be provided on-site to reduce the need for trips during working hours.	Pre-operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 5	Good practice
0039	Traffic and Transport	Chapter C2, 2.4.29 (Application Reference Number: 6.3.2)	Increases in traffic associated with operation of the Project, also resulting in effects on journey times, driver stress and accidents.	Parking spaces on site for car sharers would be prioritised and a suitable number of car share spaces would be available.	Pre-operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 5	Good practice

0040	Traffic and Transport	Chapter C2, 2.4.29 (Application Reference Number: 6.3.2)	Increases in traffic associated with operation of the Project, also resulting in effects on journey times, driver stress and accidents.	On-site cycle facilities would be provided and maintained for members of staff and visitors including cycle parking, changing facilities with showers and lockers, and areas where wet clothes can be dried.	Pre-operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 5	Good practice
0041	Traffic and Transport	Chapter C2, 2.4.29 (Application Reference Number: 6.3.2)	Increases in traffic associated with operation of the Project, also resulting in effects on journey times, driver stress and accidents.	Horizon would work with the IACC and local public transport operators to provide adequate local bus services to and from the power station in response to demand at the time.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 5	Good practice
0042	Traffic and Transport	Chapter C2, 2.4.30 (Application Reference Number: 6.3.2)	Increases in traffic, particularly HGVs, associated with operation of the Project during unsociable hours of the day.	The majority of deliveries to the Power Station by HGVs are expected between 07:00 and 19:00 during weekdays only. The majority of operational deliveries are likely to be made by smaller rigid type vehicles, i.e. medium and light goods vehicles	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 5	Good practice
0043	Traffic and Transport	Chapter C2, 2.4.31 (Application Reference Number: 6.3.2)	Increases in traffic, particularly HGVs, associated with operation of the Project, also resulting in effects on journey times, driver stress and accidents.	HGVs travelling to and from the Power Station would be required to travel via the A5025 to the south (i.e. via Valley), as per the construction stage, and use the A5025 Off-line Highway Improvements, unless a particular supplier is located to the east along the A5025 (between the Wylfa Newydd Development Area and A5025 at A55 Junction 8) or other extenuating circumstances prevail.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 5	Good practice
1054	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/WRs /LIRs	Potential for Rat running	Construction workers will stick to 'A' class roads, (and where possible prioritising the use of A55, rather than the A5), and subsequently avoiding 'B' class roads, 'C' class roads, and unclassified roads, wherever practicable (to avoid causing unnecessary nuisance and disturbance to local communities. ~~Construction workers will stick to 'A' class roads and avoid 'B' class roads wherever practicable to avoid causing unnecessary nuisance and disturbance to local communities.~~	Construction	WMS (Deadline 5, Rev 2), Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Additional

1055	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Implementing and managing car share arrangements	During the majority of the construction programme, most of the construction workers wishing to drive to the WNDA Site or Park and Ride Site will be required to car share. Horizon will target an average car share ratio of 2.0 people per vehicle ~~car~~ across the Wylfa Newydd DCO Project in the peak construction year. Horizon will therefore implement a car-sharing database which will likely utilise internet and mobile phone based applications to match workers who wish to drive to the WNDA or Park and Ride sites. The Construction Workers Accommodation Management Portal will be used as a basis to form the database. The level of car sharing required will vary depending on the number of construction workers, the availability of parking spaces, and the number of construction workers travelling to site by non-car modes such as shuttle buses, amongst other factors. Vehicle occupancy requirements, and changes to them, will be advertised clearly to all construction workers well in advance. The existence of such a database and matching system will be communicated to all employees, including that non-adherence to the car-share policy could result in refusal of entry to the WNDA or Park and Ride car parks.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Additional
1056	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Managing Traffic Incidents	Horizon and its supply chain have no statutory authority in the event of a traffic incident on the road network. However, Horizon and its supply chain will assist with incident management planning through the following measures. • Maintaining a site-based delivery management team as a contact point for contractors, emergency services and the highway authorities. This team will help manage and coordinate Horizon and its supply chain's response to an incident. • Controlling the number and frequency of Heavy Goods Vehicles (HGVs) on the designated HGV routes. • Establishing an appropriate communications protocol for workers, bus drivers transporting construction workers and HGV drivers. • Communicating incident management information to all workers, contractors making a delivery and bus operators transporting workers. • Holding HGVs and buses at appropriate locations, including the Logistics Centre, during an incident.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Additional

1057	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions	New Mitigation- Mechanisms to ensure appropriate HGV routes are used.	An Integrated Distribution Management Asset Tracking System (DMATS) will be used to monitor, manage and control deliveries to site and will likely comprise three elements: • a Delivery Booking System; • a Vehicle Tracking System; and • an Asset Tracking System. The DMATS will be used to manage HGVs during the entire duration of the project (and not just when Logistics Centre is open) and for all HGVs (and not just those going to Logistics Centre). Horizon will monitor freight vehicle movement including HGV numbers and deliveries via the MOLF using the delivery booking system to ensure compliance with the above. There may be exceptional circumstances, for example, adverse weather that disrupts the normal operation of the MOLF, which makes compliance with this difficult. Horizon will prepare contingency arrangements in agreement with IACC and the Welsh Government to manage such events.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5 Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 5	Additional
~~1058~~	~~Traffic and Transport~~	~~New mitigation proposed to reach agreement on issues raised in SoCG discussions~~	~~Mechanisms to deliver car share targets~~	Superseded by measure 1141 ~~Monitoring will be carried out via spot checks of vehicle occupancy undertaken at car park entrances, along with quarterly reporting to the Transport sub-group. Appropriate action will be taken to ensure car sharing targets are delivered and will be agreed with the Transport sub-group.~~	~~Construction~~	~~Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5~~	~~Additional~~
1059	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Enforcing traffic and transport strategy	Included in the information packs will be likely enforcement actions for breaches of the travel commitments made in the CoCP(s), with examples such as: • Improvement to communications protocol and channels • Appropriate warnings • Temporary or permanent removal of approval to park at WNDA for workings who fail to adhere to the CoCP • Temporary suspension or permanent removal of suppliers/driver/workers who continually fail to adhere to the CoCP	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Additional

1060	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions	HGV management from WNDA	Construction vehicles will be held and released at regular intervals to avoid convoying, as far as practicable, from the WNDA Site	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 5	Additional
1062	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions .	Car Parking Strategy	Horizon will manage, monitor and regulate the availability of car parking spaces to reflect the number of workers on the Project, balancing an over-provision of car parking (which could encourage car travel) with an under-provision of car parking (which could encourage fly parking)	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Additional
1063	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions .	Bus stop locations	Bus stop use and locations will be agreed in advance with IACC and GCC	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Additional

1134	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions . Response to FWQs/ WRs/LIRs	HGV and AIL Routes	Access routes for both HGVs and AILs to the individual sites which comprise the Wylfa Newydd DCO Project have been identified. The primary routing to be used is the A55 to Valley and then the A5025 north. The route will be communicated to all parties involved in the transport of material for the purpose of constructing the Wylfa Newydd DCO Project. HGV delivery requirements will be included in all contracts where deliveries will be required. The requirements will include key information on the following aspects: • HGV restrictions; • HGV route; • Delivery Management System; and • mechanisms for dealing with non-compliance Regular meetings will be held with the Travel and Logistic Team and the suppliers to discuss the management of freight and any issues that arise and how they can be When the HGVs are en route, communication between the Travel and Logistics Team and the suppliers will be via telephone/email. Communication between the suppliers and their drivers will be via the means they normally use, e.g. pagers, radio (subject to prioritising the health and safety of drivers	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Additional
1135	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions . Response to FWQs/ WRs/LIRs	Early Years Cap on A5025	Before the opening of the A5025 Off-Line Highway Improvement Works, Horizon commits to limit the number of HGV movements by road on the A5025 at Valley so as not to exceed a maximum of 22 HGV deliveries (44 movements) per hour, 160 HGV deliveries (320 movements) per day, and 2,500 HGV deliveries (5,000 movements) per month.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Additional
1136	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Rat running	Local residents would be able to report issues associated with the use of unsuitable roads via the 24-hour hotline secured through the CoCP. This information could be made available to the Transport Engagement Group which is proposed to manage and monitor traffic and transport issues for the Wylfa Newydd Project. IACC will be a member of this group which will have access to funds to undertake surveys and potentially implement management measures.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Additional

1137	Traffic and Transport	Clarification	Role of the Logistics Centre	The Wylfa Newydd DCO Project incorporates a Logistics Centre at Parc Cybi. The role of the Logistics Centre will be to control the flow of HGVs along the A5025 during the construction phase of the Power Station. The Logistics Centre will manage the frequency and volume of traffic movements along the A5025 by road-based freight by: • requiring HGVs to pass through the Logistics Centre; • managing deliveries at the Power Station; and • maintaining a delivery booking system to manage deliveries according to the capacity of the loading facilities.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Additional
1138	Traffic and Transport	Clarification	Delivery slots	HGVs will register and wait at the Logistics Centre ready to fulfil their reserved delivery slot. HGVs parked at the Logistics Centre will be held until the appropriate agreed delivery time. The Logistics Centre will provide a location for holding HGVs in the event of an emergency and/or a traffic incident.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 5	Additional
1139	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Delivery Management System	HGV deliveries to the Wylfa Newydd DCO Project will be controlled by a Delivery Management System. The Delivery Management System will be used to achieve the following objectives: • regulate the arrival of HGVs directly to site or via the Logistic Centre by providing a set number of delivery slots; and • ensure HGV deliveries do not exceed the agreed limits The Travel and Logistics Team will manage the Delivery Management System and will plan future deliveries based on the project schedule and the HGV limits. All bookings will be approved or rejected by the Travel and Logistics Team before the delivery schedule for each day is finalised. For suppliers making regular or frequent deliveries, appropriate slots will be booked or blocked out on the Delivery Booking System There are a range of exceptional circumstances in which it may be necessary to apply a temporary cessation of the HGV limits and route restrictions	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5 and Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 5	Additional
1140	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions	The Travel and Logistics Team	Prior to HGV deliveries commencing, Horizon will appoint a Traffic and Logistics Manager with specific responsibility for controlling and coordinating logistics and traffic across the Wylfa Newydd DCO Project. The Traffic and Logistics Manager will be in place throughout the construction phase of the Wylfa Newydd DCO Project. The Traffic and Logistics Manager would lead a Travel and Logistics Team which would help discharge responsibilities as demand increases. The Travel and Logistics Team will include wider travel management responsibilities including that of a travel plan coordinator	Pre-construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Additional

1141	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/ WRs/LIRs	Mode Share targets, monitoring and reporting mechanisms	Provisional Mode Share targets will be monitored, reviewed, and amended by Horizon as required in agreement with the IACC throughout the construction period. This enables Horizon to take into consideration uncertainties such as the exact home locations of construction workers, the proportion of construction workers that may arrive in contractor minibuses, or the use of park and share sites Horizon will monitor the effectiveness of its traffic and transport management strategy through a suite of indicators consistent with appropriate good practice and guidance A quarterly summary of all monitoring and an analysis of this monitoring data against mode share targets will be provided to IACC and the Transport Engagement Group	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Additional
1142	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/ WRs/LIRs	Need for more details for construction traffic monitoring and enforcement	The following monitoring data will be collected relation to construction traffic: • the Delivery Management System will allow the collection of data which can be used for monitoring compliance with the HGV movement limits • compliance with the HGV route; • AILs deliveries by road; and • instances that are classified as exceptional circumstances The Delivery Management System will be continually monitored. A quarterly Construction Traffic Management Report will be made available for review by the Transport Engagement Group Horizon will instigate management practices with its suppliers to ensure compliance with the HGV movement limits. Following an investigation, suppliers not complying will be notified and appropriate action in accordance with their contracts will be taken to ensure compliance.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Additional
1143	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Indicative Shuttle Bus Routes	Indicative year 1 quarter 1 shuttle bus routes and indicative frequencies and capacities in the early years is presented. The cost of using these shuttle busses will be nil.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Additional

1144	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Euro VI engines	All buses procured for the Wylfa Newydd DCO Project will meet a minimum standard for emissions (Euro IV diesel engines or equivalent), and the environmental element of the quality assessment undertaken as part of the procurement assessment will give greater weight to suppliers who can better this emission standard	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Additional
1145	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions .	Delay to the Logistics Centre	If the delivery of the Logistics Centre is delayed beyond the date specified in the Phasing Strategy, Horizon would work with the Isle of Anglesey County Council to identify suitable alternative traffic management arrangements which would provide similar beneficial facilities to the proposed Logistics Centre until the Logistics Centre opens	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 5	Additional
1146	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions .	Use of shuttle buses during Operation	Sustainable modes of travel are defined as: • walking; • cycling; • shuttle buses (if available) • public transport; and • car sharing.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 5	Additional
1147	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/ WRs/LIRs	Park and Share sites	Horizon is confident that its Draft DCO application contains all of the necessary parking (at the WNDA and at the Park and Ride facility) to meet the requirements of the Wylfa Newydd DCO Project and manage traffic and transport impacts. However, Horizon will consider the use of the proposed Park and Share facilities (including as stops on the shuttle bus network, where demand exists) at Four Crosses, Gaerwen, Bangor and Caernarfon, on the basis that these Park and Share facilities are delivered by others, as a complementary component of the transport strategy for the Wylfa Newydd DCO Project	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Additional

1148	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions .	Fly parking and rat running	All suspected incidents of fly-parking and rat-running will be investigated within 5 working days of the initial complaint being submitted to Horizon	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Additional
1149	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions .	Car share ratio during Operation	Horizon will target an average share ratio of 1.5 permanent operational workers per vehicle	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 5	Additional
1150	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions	HGV Queueing	Horizon will ensure that HGVs do not queue back onto the public highway	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 5	Additional
1151	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Need for more details in the Traffic Incident Management Scheme	The Wylfa Newydd DCO Project has no statutory authority in the event of a traffic incident on the road network. However, Horizon will assist with incident management planning by preparing a Traffic Incident Management Scheme to be approved by the Isle of Anglesey County Council in consultation with Gwynedd Council Welsh Government and North Wales Police	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Additional

1152	Traffic and Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions	AIL Management Scheme	Typical construction AILs will include earth-moving equipment, large cranes and equipment for concrete batching plants, i.e. large loads that are routinely transported by a low-loader. Typical AILs are defined as those that exceed 4.3m wide, as this is the width limit below which the load can be carried on an ordinary heavy-duty vehicle. The height of the AILs will be restricted by bridge clearance along the A55. The STGO requires the haulier to give in excess of two days' notice to the police, highway and bridge authorities before moving the load. This process will be managed by Horizon's Travel and Logistics Team To assist with the management of AILs, Horizon will prepare an AIL Management Scheme to be approval by the Isle of Anglesey County Council in consultation with Gwynedd Council, Welsh Government and North Wales Police. The AIL Management Scheme is expected to include details of vehicle routes, suitable delivery times, weight / height restrictions and other items relevant to the efficient and safe delivery of AILs	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Additional
Volume C, Public Access and Recreation							
0044	Public Access and Recreation	Chapter C3, 3.4.14 (Application Reference Number: 6.3.3)	Traffic related effects of construction of the Power Station on public access and recreation.	The A5025 On-line Highway Improvements, A5025 Off-line Highway Improvements, Logistics Centre and Park and Ride are in themselves embedded mitigation for the traffic-related effects of construction of the Power Station.	Construction	Phasing Strategy (Deadline 5, Rev 2)	Embedded
0045	Public Access and Recreation	Chapter C3, 3.4.15 (Application Reference Number: 6.3.3)	Traffic related effects of construction of the Power Station on public access and recreational amenity.	The Marine Off-Loading Facility (MOLF) has been included in the design of the Power Station to enable construction materials to be transported by sea and reduce the amount of additional traffic on Anglesey's highway network resulting from construction of the Power Station.	Construction	Phasing Strategy (Deadline 5, Rev 2)	Embedded
0046	Public Access and Recreation	Chapter C3, 3.4.16 (Application Reference Number: 6.3.3)	Traffic related effects of construction of the Power Station on public access and recreational amenity.	The Lôn Trefignath and the cycleway/footway that cross the entrance to the Logistics Centre would be co-located, and a zebra crossing provided to clearly demarcate the crossing's location and give priority to cyclists and walkers.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 6	Embedded
0047	Public Access and Recreation	Chapter C3, 3.4.17 (Application Reference Number: 6.3.3)	Pedestrians and cyclists impacted by construction traffic at the Logistics Centre.	Construction drivers would be briefed on the risk they pose to cyclists and pedestrians who cross the site entrance as drivers leave the Logistics Centre in accordance with the public access management strategy.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 6, WMS (Deadline 5, Rev 2)	Good practice

0048	Public Access and Recreation	Chapter C3, 3.6.4 (Application Reference Number: 6.3.3)	Pedestrians and cyclists impacted by construction traffic at the Logistics Centre.	Bilingual signage would be erected on the Lôn Trefignath cycle path as it approaches the site entrance (in both directions) and on the highway at the site entrance and at the site exit to warn pedestrians, cyclists and drivers of the zebra crossing and potential conflicts as traffic moves in and out of the Logistics Centre in accordance with the public access management strategy.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 6	Additional
Volume C, Air Quality							
0049	Air Quality	Chapter C4, 4.4.15 (Application Reference Number 6.3.4)	Reduce traffic flows and emissions to air.	There are a number of measures included in the Wylfa Newydd Project design that would reduce traffic flows and related air quality effects from road traffic emissions during the opening year of the A5025 Off-line Highway Improvements. These measures have been taken into account in the assessment and include: • a Logistics Centre to control the flow of Heavy Goods Vehicles (HGVs) travelling to/from the Wylfa Newydd Development Area; and • a Park and Ride and associated bus services for the Park and Ride to reduce the number of private vehicle movements to the Wylfa Newydd Development Area.	Construction	Phasing Strategy (Deadline 5, Rev 2)	Embedded
0050	Air Quality	Chapter C4, 4.4.16 (Application Reference Number 6.3.4)	Reduce traffic flows and emissions to air.	The principal good practice mitigation measures relevant to the assessment of emissions from road traffic during construction of the Wylfa Newydd Project is the Traffic and Transport Management Strategy. The measures, which are intended to reduce the number of private vehicle movements by construction workers and therefore reduce the emissions to air of pollutants from road traffic, include: • measures to promote and encourage car sharing and use of public transport by staff; and • dedicated shuttle bus services for construction workers living in the north of Anglesey.	Pre-construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7	Good practice

0051	Air Quality	Chapter C4, 4.4.22 (Application Reference Number 6.3.4)	Reduce traffic flows and emissions to air.	There are a number of measures included in the Wylfa Newydd Project design that would reduce traffic flows and the potential for congestion, which in turn reduce the related air quality effects from road traffic emissions during the peak construction phase of the Wylfa Newydd Project. These would lead to lower NO2, PM10 and PM2.5 concentrations particularly at those human receptor locations close or adjacent to the affected roads. This would also lead to lower NOx concentrations and deposition rates of nitrogen and acid at sensitive ecological receptors in close proximity to the affected roads. These measures have been taken into account in the assessments and are described below. • Construction and operation of a Marine Off-Loading Facility to allow large and bulk freight items to be imported by sea directly to the Wylfa Newydd Development Area. Using marine vessels to deliver material directly to the Wylfa Newydd Development Area would significantly reduce the number of HGV movements on the road network. • Site Campus for ~~up to~~ 4,000 construction workers, to reduce the traffic flows on the local road network for a proportion of the construction workflow. • Logistics Centre to control the flow of HGVs travelling along the A5025 to/from the Wylfa Newydd Development Area and reducing the potential for congestion. • Park and Ride and associated shuttle bus services to reduce the number of private vehicle movements to the Wylfa Newydd Development Area. Even assuming all buses are empty on the return legs of their journeys, the use of the Park and Ride would lead to decreased emissions of pollutants from road vehicles compared to all private vehicles travelling to the Wylfa Newydd Development Area. • A5025 Off-line Highway Improvements, which would move sections of the A5025 away from certain villages, leading to reductions in concentrations of pollutants at locations which were in close proximity to the A5025. There would be a number of receptors close to the new routes which would experience adverse effects, but a far greater number of receptors would experience more beneficial effects.	Construction	Phasing Strategy (Deadline 5, Rev 2) and Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7	Embedded
0052	Air Quality	Chapter C4, 4.4.23 (Application Reference Number 6.3.4)	Reduce traffic flows and emissions to air.	The principal good practice mitigation measures relevant to the assessment of emissions from road traffic during construction of the Wylfa Newydd Project is the Traffic and Transport Management Strategy, which is set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3). The measures, which are intended to reduce the number of private vehicle movements by construction workers, include: • measures to promote and incentivise car sharing and use of public transport; • dedicated shuttle bus services for construction workers living in Anglesey i.e. in Holyhead, Bangor, Caernarfon, Amlwch, Cemaes and Benllech as needed.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0053	Air Quality	Chapter C4, 4.4.28 (Application Reference Number 6.3.4)	Reduce traffic flows and emissions to air.	The main embedded mitigation is the A5025 Off-line Highway Improvements, which would move sections of the A5025 away from certain villages and ecological sites, leading to reductions in concentrations of pollutants at locations which are in close proximity to the A5025.	Operation	Phasing Strategy (Deadline 5, Rev 2)	Embedded

0054	Air Quality	Chapter C4, 4.4.29 (Application Reference Number 6.3.4)	Reduce traffic flows and emissions to air.	The principal good practice mitigation relevant to the assessment of emissions from road traffic during operation of the Power Station is the Traffic and Transport Strategy which is set out in the Wylfa Newydd CoOP (Application Reference Number: 8.13), particularly the Operational Travel Strategy section, which promotes sustainable modes of travel such as walking, cycling, public transport and car sharing. These, and other related measures in the Operational Travel Strategy would reduce the number of private vehicle movements by operational staff travelling to and from the Power Station and therefore reduce emissions of pollutants from road traffic.	Pre-operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 7	Good practice
1064	Air Quality	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Dust and air quality monitoring	Horizon will undertake dust deposition monitoring using passive Frisbee-type dust deposition gauges at all sites. Monitoring and processing of dust samples will be in accordance with the protocol for using the dry Frisbee dust deposit gauge, or equivalent approach. The dust deposition samples will be exposed for a period of approximately one month. At the end of each monthly sampling period, the samples will be sent to an accredited laboratory for analysis and to determine the average rate of deposition for the month-long sample (in milligrams of dust deposited per square metre oer day ($mg/m^2/day$)	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7	Additional
Volume C, Noise and Vibration							
0055	Noise and Vibration	Chapter C5, 5.4.112 (Application Reference Number: 6.3.5)	Noise effect on residential receptors close to the existing A5025 due to Wylfa Newydd Project traffic.	The A5025 Off-line Highway Improvements would lead to noise reductions at residential receptors close to the existing A5025 alignment and provide benefits to the wider road network.	Construction	Phasing Strategy (Deadline 5, Rev 2) and Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Embedded
0056	Noise and Vibration	Chapter C5, 5.4.113 (Application Reference Number: 6.3.5)	Noise effect on residential receptors close to the existing A5025 due to Wylfa Newydd Project traffic.	Noise barriers would be constructed along the eastern and western sides of section 3. The heights, positions, orientations and acoustic properties (e.g. reflective or absorptive) of the noise barriers would be subject to review and finalisation during the detailed design stages of the A5025 Off-line Highway Improvements.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded

0057	Noise and Vibration	Chapter C5, 5.4.119 (Application Reference Number: 6.3.5)	Noise effect from Wylfa Newydd Project traffic.	Low Noise Road Surfacing (LNRS) would be used on the new bypasses at Llanfaethlu (section 5), Llanfachraeth (section 3), Cefn Coch (section 7) and the road in section 9 around the Power Station Access Road.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0058	Noise and Vibration	Chapter C5, 5.4.129 (Application Reference Number: 6.3.5)	Noise effect from construction traffic travelling to the Wylfa Newydd Development Area.	Construction and use of the Marine Off-Loading Facility to deliver the bulk of materials to the Wylfa Newydd Development Area, as using marine vessels significantly reduces the number of heavy goods vehicle movements on the road network. This would lead to reduced noise effects at residential receptors close or adjacent to the A5025.	Construction	Phasing Strategy (Deadline 5, Rev 2) ~~and Wylfa Newydd CoCP (Deadline 5, Rev 3)~~ (Incorrect reference~~)~~	Embedded
0059	Noise and Vibration	Chapter C5, 5.4.129 (Application Reference Number: 6.3.5)	Noise effect from Wylfa Newydd Project road traffic travelling to the Wylfa Newydd Development Area.	Construction and use of the Park and Ride would significantly reduce the number of car movements on the A5025. This would lead to reduced noise effects at residential receptor locations close, or adjacent to, the A5025.	Construction	Phasing Strategy (Deadline 5, Rev 2) and WMS (Deadline 5, Rev 2)	Embedded
0060	Noise and Vibration	Chapter C5, 5.4.129 (Application Reference Number: 6.3.5)	Noise effect from construction traffic.	Construction of the Logistics Centre would enable consolidation of loads to reduce traffic along the A5025 and allow traffic management to reduce peak-time deliveries to the Power Station.	Construction	Phasing Strategy (Deadline 5, Rev 2)	Embedded
0061	Noise and Vibration	Chapter C5, 5.6.7 (Application Reference Number: 6.3.5)	Noise effect at residential properties from construction activities at the Wylfa Newydd Development Area, and from Wylfa Newydd Project traffic.	Horizon is committed to a voluntary Local Noise Mitigation Strategy (LNMS) which will offer secondary glazing to residential properties that experience significant noise effects associated with the Wylfa Newydd DCO Project, including changes in traffic, within defined areas near the Power Station Site and A5025 improvements.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Additional

1153	Noise and Vibration	New mitigation proposed to reach agreement on issues raised in SoCG discussions. Response to FWQs	Need for more details in the Updated Local Noise Mitigation Strategy (LNMS)	The updated LNMS includes 1. Eligibility criteria; 2. Applicability; 3. Interpretation; 4. Updated/ extended boundary plans around WNDA to encompass all properties at which a major adverse construction noise effect is expected; 5. Qualifying properties close to A5025 shown individually (not in a boundary) or as groups in boundaries which may include some non-qualifying properties (where qualifying properties are in clusters); 6. Lower day-time noise eligibility threshold, to match onset of significant effects for construction, and 5dB lower than the relevant noise level set out in the Noise Insulation Regulations 1975 (as amended 1996) for properties affected by traffic noise from the A5025; 7. In some situations enhanced measures (acoustic fencing or noise insulation for conservatories) will also be considered; 8. Consideration of sensitive receptors; 9. Implementation and operation of the LNMS; including provision of secondary/double glazing, acoustic treatment for qualifying doors, internal solar/black out blinds and additional noise insulated ventilation 10. Commitment to providing a suitably qualified and experienced independent third party to help to resolve cases if Horizon cannot come to an agreement with the LNMS applicant 11. Horizon will report on the implementation of the LNMS to IACC on a quarterly basis by way of the relevant Engagement Groups. This reporting will provide a regular update of the number of applications received and accepted, the number of surveys undertaken, general options undertaken after survey including installation of solar and blackout blinds, any complaints raised and the amount of properties with LNMS measures installed at the property.	Pre-construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Additional
1154	Noise and Vibration	Response to FWQs	Significant effects from vibration from construction activities through the Section 61 process.	If any significant effects from vibration are predicted at specific receptors by the Section 61 process, Horizon will notify all properties affected about the effects that may be experienced at their property.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Additional
Volume C, Waste							
0062	Waste and Materials	Chapter C6, 6.4.5 (Application Reference Number 6.8.10)	The use of materials, production and management of waste.	The designs would incorporate modern, efficient design solutions. Wherever practicable, temporary buildings can be designed with a modular construction and will be manufactured off-site. Alternatively, other methods may be more efficient and will be considered in the round.	Construction	Construction Method Statement (Deadline 5, Rev 2)	Embedded

0063	Waste and Materials	Chapter C6, table C6-2 (Application Reference Number 6.8.10)	Management of waste during construction.	Implementation of waste management arrangements in accordance with the waste and materials management strategy set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3). This helps manage and reduce the amount of waste produced and therefore disposed of to landfill.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0064	Waste and Materials	Chapter C6, table C6-2 (Application Reference Number 6.8.10)	The production of excavated materials and the need for off-site disposal.	Implementation of materials management arrangements in accordance with the waste and materials management strategy set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3). This sets out a clear framework for the management of excavated materials, so that they can be reused as far as possible on-site, thus reducing the need for off-site disposal.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0065	Waste and Materials	Chapter C6, 6.4.12 (Application Reference Number 6.8.10) Clarification	Management of waste during operation.	Horizon will manage waste generated during the operation of the Power Station in accordance with its Waste Hierarchy and utilising the nearest appropriate installation taking into consideration several factors including proximity The majority of all Horizon's conventional wastes generated at the power station will be handled by a dedicated waste and recycling facility (Conventional & Hazardous Waste Building and Conventional Waste Storage Compound) which would be located on the Power Station Site. This would enable the safe segregation and storage of conventional wastes in compliance with relevant legislation and regulation prior to transferring the wastes to an appropriately licensed waste management facility. This will be in accordance with ~~suitable treatment route, in line with~~ Horizon's waste hierarchy ~~which aligns with the Waste Framework Directive~~ Horizon will retain conventional waste until it is removed from site by a licensed waste management carrier. This waste may be managed through the waste handling and treatment facility, but some waste will be removed directly from site such as project waste, water intake screenings, medical waste and hygiene waste. As with the approach followed during construction, Horizon will fulfil the requirements of the Waste (England and Wales) Regulations 2011 (amended 2014) and the Environment (Wales) Act 2016 in applying the Waste Hierarchy, wherever practicable, and ensuring that pre-treatment of waste is undertaken prior to reuse, recycling, recovery or disposal to landfill.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev3), Chapter 9	Embedded
0066	Waste and Materials	Chapter C6, 6.4.17 (Application Reference Number 6.8.10)	Management of waste during operation.	Off-Site Power Station Facilities would include an external refuse area including provisions for the storage and collection of recyclable and general waste. This would enable the safe segregation and storage of wastes in compliance with legislation prior to transferring the wastes to a suitable treatment route, in line with Horizon's waste hierarchy which aligns with the Waste Framework Directive	Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded

0067	Waste and Materials	Chapter C6, 6.4.18 (Application Reference Number 6.8.10)	Management of waste during operation.	Waste generated during the operation of the Power Station would be managed in accordance with the management strategy set out in the Wylfa Newydd CoOP (Deadline 5, Rev 3)	Operation	Wylfa Newydd CoOP (Deadline 5, Rev3), Chapter 9	Good practice
0068	Waste and Materials	Chapter C6, 6.4.25 (Application Reference Number 6.8.10)	Management of waste during decommissioning.	All waste generated during the decommissioning of the Power Station will be managed in accordance with an appropriate management strategy to be developed as part of the decommissioning plan. The strategy will include controls similar to those set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and the Wylfa Newydd CoOP (Deadline 5, Rev 3)	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
0069	Waste and Materials	Chapter C6, 6.4.5 (Application Reference Number 6.8.10)	Management of waste during decommissioning.	Modular building can be disassembled and relocated/refurbished with greater ease and efficiency, potentially reducing decommissioning waste.	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Embedded
0070	Waste and Materials	Chapter C6, 6.4.25 (Application Reference Number 6.8.10)	Management of waste during decommissioning.	It is assumed that all waste generated during the decommissioning of the Power Station would be managed in accordance with similar principles to those set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and Wylfa Newydd CoOP (Deadline 5, Rev 3).	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
1155	Waste and Materials	Response to FWQs/ WRs/ LIRs	Need for a Site Waste Management Plan	Horizon will produce a project-wide Site Waste Management Plan (SWMP) prior to construction commencing. The SWMP will be supported throughout construction with reports for each construction site detailing the waste management processes for the site, waste types produced, and waste management facilities used. Site-specific SWMPs will be prepared in alignment with the project-wide SWMP. Horizon will liaise with local waste management contractors to ensure undue constraints are not placed on the waste capacity of the area Horizon will consider local waste management opportunities where these are suitably prepared, compliant and auditable. Similarly, Horizon will identify sufficient provision of essential waste infrastructure is available on-site or to service the site . This information will be captured in the SWMP and reported during construction activities	Pre-construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Additional

0071	Noise and Vibration	Chapter G6, 6.4.14 (Application Reference Number: 6.7.6) Chapter H6, 6.4.9 (Application Reference Number: 6.8.6)	Procedure in case of a noise limit breach	Where monitored noise or vibration levels are found to be above either the limits set out in the relevant Section 61 agreement covering the works at the time, the following actions will be undertaken immediately upon any breach being discovered: • review works in the area likely to be causing the breach and consider any necessary mitigation actions (including, where necessary, temporary suspension of works until the actions set out below have been taken to reduce the noise to acceptable levels); • confirm that monitored levels are not being impacted by other noise or vibration sources; • determine whether the exceedance is due to a particular activity or item of equipment and, if so, identify if the equipment can be substituted for an alternative piece of equipment and, if yes, do so; • if not, implement other available measures (which may include modifying the time of works, using an alternate construction methodology, or a combination of these); • continue monitoring (including additional monitoring, if required) to verify that the control measures have reduced the noise levels to acceptable level at the relevant receptors.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0072	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.43 (Application Reference Number: 6.4.9) Chapter D13 13.5.92 (Application Reference 6.4.13) Chapter E9, 9.4.6 (Application Reference Number 6.5.9) Chapter F9, 9.4.7 (Application Reference Number 6.6.9) Chapter G3, table G3-16 (Application Reference Number:	Contravention of relevant legislation.	In order to manage the risk of introducing and/or spreading INNS, Horizon will prepare one (or more) Biosecurity Risk Assessment (s) and Method Statement (s) to cover all activities. Each Biosecurity Risk Assessment will consider in general: - measures that will be undertaken to control and eradicate INNS within the area of works; and - measures or actions that aim to prevent INNS being introduced to the site for the duration of the construction phase of the scheme. • In the management of existing known presence of INNS, Biosecurity Risk Assessments and Method Statements will detail: - how areas with the presence of INNS will be demarcated; - how any contaminated materials will be appropriately managed throughout the works, including where appropriate eradication from the site; - appropriate disposal; and - how any transfer or spread will be prevented. • In terms of prevention of new introduction to the site through terrestrial and marine pathways, Biosecurity Risk Assessments and Method Statements will detail: - Risk pathways and risk activities for the transfer and spread of non-native species; - risk assessment for the transfer and spread of individual non- native species of known concern; - methods to manage risk of transfer including any actions to be undertaken prior to reaching site; and, - contingency planning and corrective actions. The following measures will be included in the Biosecurity Risk Assessment to control and manage INNS • Tool box talks prior to construction works • Appropriate management of site personnel and vehicles • Appropriate disposal arrangements from potential contaminated areas • Management of visitor pressure	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
Welsh Language Impact Assessment (WLIA)							

0079	Welsh Language and Culture	Welsh Language Impact Assessment	Demonstrate HNP commitment to Welsh language and culture and increase the visibility of the Welsh language at Wylfa Newydd	Permanent and temporary public signs relating to the Project will be bilingual.	Construction; operation	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 6 Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 6	Additional
1156	Welsh Language and Culture	New mitigation proposed to reach agreement on issues raised in SoCG discussions	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Community Liaison Group (CLG) meetings will be bilingual in Welsh and English.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 3	Additional
Health Impact Assessment (HIA)							
0101	Health	Health Impact Assessment	Provide Information on potential air pollutant concentrations, dust concentrations, noise and construction	Horizon, through its Community Involvement Officers, will provide information packs to nearby residents which will include information on (where appropriate): - the potential for short-term peaks in air pollution concentrations; - the potential for dust concentrations; - anticipated noise and construction activities; - any mitigation that will be put in place to manage these peaks and concentrations (if practical); and - details of the CIO and avenues to register any complaints.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 3	Additional
0105	Health	Health Impact Assessment	Sustained healthy behaviour and good conduct by the construction workforce.	Horizon will promote health and well-being, including occupational health and hygiene and good worker conduct through the preparation and implementation of a Code of Conduct in accordance with the principles in the Workforce Management Strategy. Reporting of compliance with the Code of Conduct will be undertaken on an annual basis to the Health & Well Being Monitoring Group.	Construction	WMS (Deadline 5, Rev 2)	Additional
0106	Health	Health Impact Assessment	Public understanding of risk: Expectations of the Wylfa Newydd Power Station	Horizon are committed to building a permanent visitors centre on site within 5 years of the end of construction. This would be consented outside of the Wylfa Newydd DCO Project by planning permission through the Town and Country Planning Act regime. The design and facilities contained within the centre will be subject to discussion with key stakeholders in advance of planning permission being submitted.	Pre-operation Operation	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Additional
0107	Health	Health Impact Assessment	Code of Construction Practice	Horizon will comply with the Code of Construction Practice with regard to dust, noise, congestion and nuisance controls.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3) DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice

0108	Health	Health Impact Assessment	Ensure that use of on-site health services are maximised	Horizon will require construction workers to register with, and, prioritise the use of the on-site medical and healthcare services rather than using the community NHS services.	Construction	WMS (Deadline 5, Rev 2)	Additional
0109	Health	Health Impact Assessment	Code of Conduct	As part of the Workforce Management Strategy (Deadline 5, Rev 2) construction workers (including sub- contractors) will receive training on community relations, language, culture, health, safety and environmental issues All personnel and contractors will be receive a copy of the Code of Conduct and will be required to comply with it. Horizon will require construction workers, as part of their orientation, to sign a copy of the code of conduct (acknowledging they have read and understood it). The Requirement to prepare the Code of Conduct in accordance with the principles in the Workforce Management Strategy will be a pre-commencement DCO requirement. Contractors will be obliged to implement and comply with the Code of Conduct will be secured through contractual agreements between Horizon and its contractors; as well as the contractors and the individual workers.	Construction	WMS (Deadline 5, Rev 2)	Additional
0110	Health	Health Impact Assessment	Encourage use of the Worker Accommodation Management Service, facilitate housing updates to all construction workers and allow monitoring of the number of workers using the service.	The Code of Conduct will require construction workers, as part of their orientation, to register with the Worker Accommodation Management Service (even if not used) in order to facilitate housing updates to all construction workers and allow monitoring of the number of workers using the service. The registration data (summarised and anonymised) would be reported regularly to the IACC. The Requirement to prepare the Code of Conduct in accordance with the principles in the Workforce Management Strategy will be a pre-commencement DCO requirement. Contractors will be obliged to implement and comply with the Code of Conduct will be secured through contractual agreements between Horizon and its contractors; as well as the contractors and the individual workers.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Additional
0111	Health	Health Impact Assessment	Safeguarding with particular focus on children, young people and adults at risk from abuse.	The supply chain will adhere to (and ensure their personnel are aware of and comply with) all corporate business policies as advised by Horizon, including but not limited to, policies relating to Welsh Language, Modern Slavery, Supply Chain (Environmental and Corporate Sustainability) and Human Resources ~~In accordance with the Hitachi Group Codes of Conduct and the Horizon Nuclear Power 'Modern Slavery Act 2015 Statement' Horizon will safeguard the welfare of its employees and its supply chain and, in relation to the activities of its construction workforce, the general public. This will be achieved through using Horizon's normal personnel screening and management systems to identify those that may pose a risk to vulnerable adults and children. In such cases where a potential risk is identified, further checks will be carried out.~~	Construction	WMS (Deadline 5, Rev 2)	Additional
113	Health	Health Impact Assessment	Link with existing initiatives	Horizon would comply with all relevant legislation to protect health and to eliminate work related ill-health. It would promote measures for the protection of health and the maintenance of a healthy workforce, and, where appropriate, will align with health promotion initiatives run by Welsh Government, BCUHB, PHW or the voluntary sector	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3)	Additional

1157	Health	New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/WRs /LIRs	Safeguarding with particular focus on children, young people and adults at risk from abuse.	Horizon will take reasonable steps to safeguard the welfare of its employees and those acting on behalf of the company. Where it is appropriate Horizon will take reasonable steps to safeguard the welfare of the general public, such as the steps described in this paragraph. Prior to, and throughout the construction of the Wylfa Newydd Power Station appropriate dialogue will be maintained between Horizon, the supply chain and local safeguarding agencies, including North Wales Police. Discussions will include any individual or coordinated measures appropriate to avoiding risks to vulnerable groups, for example in relation to human trafficking and direct or indirect sex work. Safeguarding protocols will be prepared by Horizon in consultation with North Wales Police, and IACC, and reviewed annually. An appropriate number of Horizon and supply chain staff will be trained in safeguarding issues so that, for example, security staff who conduct site and/or vehicle inspections will be aware of signs of illegal activity such as human trafficking	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3) and WMS (Deadline 5, Rev 2)	Additional
1158	Health	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Prioritising the use of health facilities on site	All personnel (not just those residing on the Site Campus) should seek to use the temporary health and welfare facilities on the Site Campus in the first instance, before seeking to use community services. Horizon will require construction workers to register with, and, prioritise the use of the on-site medical and healthcare services rather than using the community NHS service	Construction	WMS (Deadline 5, Rev 2)	Additional
Equality Impact Assessment (EQIA)							
1066	EqIA	Equality Impact Assessment, 7.2.4	Noise and Air Quality	Other examples of embedded mitigation that would reduce air quality and noise effects from road traffic include: • construction of MOLF and using marine vessels to deliver bulk materials, reducing the number of HGV movements; • construction and use of Park and Ride facilities, with 1,900 parking spaces, reducing the number of car movements on the A5025; and • construction and use of the Logistics Centre to enable the flow of freight traffic to be managed along the A5025 to avoid exacerbation of congestion at peak times.	Construction	Phasing Strategy (Deadline 5, Rev 2)	Embedded
1067	EqIA	Equality Impact Assessment, 7.2.5	Noise and Air Quality	In addition to embedded mitigation, a range of additional mitigation measures would be implemented to further reduce noise effects. These include: • a Traffic and Transport Management Strategy which would be secured through the Wylfa Newydd CoCP and would mitigate emissions from road traffic during construction; • provision of a dedicated shuttle bus services for construction workers living in the north and east of Anglesey, as needed, to reduce the number of private vehicle movements to the Wylfa Newydd Development Area; and • a web-based continuous noise monitoring scheme would be deployed and the IACC would have shared access to the monitoring data, with the opportunity for public access to relevant information such as average noise levels.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5, 7, 8 Main Power Station Site sub- CoCP (Deadline 5, Rev 3), Chapter 5, 7, 8	Additional

1068	EqIA	Equality Impact Assessment, 7.2.6	Noise and Air Quality	In relation to noise effects, this includes a voluntary Local Noise Mitigation Strategy (LNMS). The LNMS would reduce the effects of construction noise arising from activities at the Wylfa Newydd Development Area and from road traffic noise arising from the Wylfa Newydd DCO Project on qualifying local residential properties. Typically, measures would comprise secondary or double glazing, insulated doors and additional (noise insulated) ventilation to compensate for windows needing to be kept closed, particularly at night. The LNMS acknowledges there are other potential sensitive receptors such as schools which may benefit from noise insulation, which will be addressed on a case by case basis. Night workers, those needing a particularly quiet home environment to work in, or those that have a medical condition which will be seriously aggravated by construction noise, would also be considered on a case by case basis.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Additional
1069	EqIA	Equality Impact Assessment, 7.2.7	Air Quality	Oxides of nitrogen/nitrogen dioxide (NOx/NO2) emissions management. Monitoring and reporting will be implemented during construction. This includes a number of measures to achieve compliance with the appropriate environmental standard 1. A non-Road Mobile Machinery (NRMM) fleet mix will include newer plant complying with the EU Stage IV emission standards for NRMM (EC Directive 97/68/EC) (i.e. plant generally manufactured after 2014), which emit 80% less NOx than Stage IIIB plant Horizon will implement the following: 1. a minimum of 90% of NRMM to meet EU Stage IV emissions standards; and 2. a maximum of 10% of NRMM to meet EU Stage IIIB emission standards. 3. relevant marine vessels undertaking the Marine Works to comply with the International Maritime Organisation MARPOL Annex VI Tier III NOx emission limits As part of the construction plant and machinery (oxides of nitrogen) emissions management strategy in the Main Power Station Site sub-CoCP (Deadline 5, Rev 3), a comprehensive air quality management, monitoring and reporting scheme would be developed by Horizon in discussion with the IACC and Natural Resources Wales (NRW), including agreement of thresholds and additional achievement criteria to ensure compliance with the appropriate environmental standards. Since the scheme is in development it will continue to be developed with the regulator and finalised for approval prior to the start of construction. Where necessary, additional modelling and assessment would be undertaken to support the development of the scheme as it matures. In order to achieve the appropriate environmental standards, the scheme would include a range of measures to achieve that outcome; these are detailed in the Main Power Station Site sub-CoCP (Deadline 5, Rev 3)	Construction	Main Power Station Site sub- CoCP (Deadline 5, Rev 3), Chapter 7	Additional
1074	EqIA	Equality Impact Assessment, 7.2.9	Noise and Air Quality	The Wylfa Newydd CoOP (Deadline 5, Rev3) describes Horizon's commitments to mitigating the environmental effects upon people, businesses and the natural and historical environment of the Wylfa Newydd DCO Project during its operational phase. Relevant measures include an air quality strategy and a noise and vibration strategy.	Operation	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7, 8	Good practice

1084	EqIA	Equality Impact Assessment, 7.6.1	Community Cohesion	Workforce Management Strategy (Deadline 5, Rev 2) – as part of good practice mitigation to be secured through a DCO requirement, Horizon has developed a Workforce Management Strategy that refers to 'principles' for managing the workforce and a Code of Conduct that would form part of a labour agreement (to be agreed between Horizon and the contractor). It is anticipated that this will set out the expected standards to be placed on construction workers in relation to their conduct and behaviour whilst employed on the Wylfa Newydd DCO Project.	Construction	WMS (Deadline 5, Rev 2)	Additional
1089	EqIA	Equality Impact Assessment, 7.6.1	Community Cohesion	Community Liaison Group – Horizon would also appoint a Community Liaison Group that would consist of a group of local residents from the immediate local communities, businesses and representatives of local groups. The purpose of the Community Liaison Group is to exchange information and dialogue between Horizon and the local community during construction. The Community Liaison Group would focus on issues specifically associated with construction effects and progress of the Wylfa Newydd DCO Project. The objectives of the Community Liaison Group, to be developed with the group, would be set around: - establishing relationships between Horizon and key stakeholders and the wider community; - providing a conduit for the dissemination of information to, and input from, community members and other key stakeholders; - identifying and commenting on concerns raised by the community during construction, with suggested actions that could be undertaken to alleviate these concerns; and - discussion of construction issues and providing suggestions for mitigating the local construction effects.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 3	Additional
1093	EqIA	Equality Impact Assessment, 7.5.1	Community Infrastructure and public services	To minimise the potential adverse impacts arising from the demands of the construction workforce on community health and welfare services, Horizon would provide (through a legal agreement) a medical centre on the Site Campus, more details of which set out in the Draft s106 Agreement. ~~which would be similar to a GP surgery. This will provide occupational healthcare and hygiene, GP and pharmacy services and primary care for minor injuries for all of its workforce (including sub-contractors), whether they live in the Site Campus, reside locally or travel to the Wylfa Newydd Development Area from the wider area.~~	Construction	Phasing Strategy (Deadline 5, Rev 2)	Embedded
1094	EqIA	Equality Impact Assessment, 7.5.2	Community Infrastructure and public services	Horizon directs all (not just those residing on the Site Campus) to use the Site Campus Medical Centre in the first instance, before seeking to use community healthcare facilities.	Construction	WMS (Deadline 5, Rev 2)	Additional
1098	EqIA	Equality Impact Assessment, 7.4.1	Traffic, transport access	The A5025 On-line Highway Improvements, A5025 Off-line Highway Improvements, MOLF, Logistics Centre and Park and Ride (for construction workers) are in themselves embedded mitigation for the traffic-related effects of construction of the Power Station. These measures would substantially reduce the impact to local road networks and minimise effects on local bypassed communities resulting from construction of the Power Station. The A5025 Highway Improvements should also improve accessibility to all communities along this road between Valley and the Wylfa Newydd Development Area during the construction at the Power Station Site.	Construction	Phasing Strategy (Deadline 5, Rev 2)	Embedded

1099	EqIA	Equality Impact Assessment, 7.4.2	Traffic, transport access	Prior to the completion of the A5025 Highway Improvements, MOLF, Logistics Centre and Park and Ride, construction vehicle arrivals and departures will be managed and each construction vehicle will have a scheduled arrival time at the Wylfa Newydd Development Area. Construction vehicle departures from the Wylfa Newydd Development Area will also be managed to provide a regular flow of vehicles along the A5025.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Good practice
1105	EqIA	Equality Impact Assessment, 7.4.4	Traffic, transport access	Horizon will put in place mitigation to reduce as far as practicable adverse effects of permanently closing, temporarily closing or diverting PRoWs, in particular on the surrounding PRoW network as well as the environment and local communities. When temporary PRoW closures are required, Horizon will provide temporary footpaths where practicable and appropriate, to ensure that pedestrians are able to maintain necessary access without coming into conflict with construction activities or other obstacles.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 6	Good practice
1106	EqIA	Equality Impact Assessment, 7.4.5	Traffic, transport access	Horizon will ensure that diversions are fully accessible and comply with the requirements of the Equality Act 2010, as far as practicable and in the context of the use and location of the route to be temporarily closed. Where a need is identified through community liaison, Horizon will review access and pedestrian routes. The review would determine whether additional measures or reasonable adjustments may be required for the purposes of ensuring accessibility by mobility-impaired people.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 3	Good practice
1108	EqIA	Equality Impact Assessment, 7.4.7	Traffic, transport access	Horizon would also develop and operate a delivery and servicing strategy and a delivery booking system, aimed at ensuring that servicing and delivery practices work efficiently and disruption to the local highway network and site operations are minimised.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev3), Chapter 5	Good practice

Table 1-2 WNDA Development

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(1) Item	(2) Topic	(3) Source	(4) Issue	(5) Mitigation measure	(6) Trigger	(7) Securing Mechanism	(8) Type of Mitigation
Environmental Impact Assessment (EIA)							
Volume D, Socio-economics							
0114	Socio-economics	Chapter D3, 3.4.7 (Application Reference Number: 6.4.3)	Potential Community Amenity/Project-wide effects.	The Associated Development (i.e. A5025 Off-line Highway Improvements, Logistics Centre, Park and Ride and the Site Campus) are all considered embedded mitigation that reduces the potential effects on local communities and other project-wide effects associated with the Wylfa Newydd Project.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4) and Phasing Strategy (Deadline 5, Rev 3)	Embedded
0115	Socio-economics	Chapter D3, 3.4.7 (Application Reference Number: 6.4.3)	Potential Community Amenity/Project-wide effects.	Within the Wylfa Newydd Development Area, the facilities located within the Site Campus, facilities that meet workers' needs, such as for good quality food and relaxation on site, are also considered to be embedded mitigation for both the effects of the Site Campus itself and for the Wylfa Newydd Project.		Design and Access Statement - Volume 3 (Deadline 4, Rev 3)	Embedded
0116	Socio-economics	Chapter D3, 3.4.8 (Application Reference Number: 6.4.3)	Secure site access and fencing.	Access to and from the Wylfa Newydd Development Area will be security monitored/controlled with restrictions put on private/personal transportation to and from the Wylfa Newydd Development Area while also encouraging the use of project-sponsored transportation arrangements (i.e. Park and Ride and shuttle buses to Holyhead and other local railway stations).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5, WMS (Deadline 5, Rev 2)	Embedded
0117	Socio-economics	Chapter D3, 3.4.9 (Application Reference Number: 6.4.3)	General potential socio-economic effects associated with the project.	Embedded mitigation delivered as part of other environmental disciplines (e.g. chapter D4, (Application Reference Number: 6.4.4); chapter D10 (landscape and visual) (Application Reference Number: 6.4.10); chapter D5 (air quality) (Application Reference Number: 6.4.5); and, chapter D6 (noise and vibration) (Application Reference Number: 6.4.6)) also provide mitigation of socio-economic effects.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3) and Main Power Station Site sub-CoCP (Deadline 5, Rev 3)	Embedded
0118	Socio-economics	Chapter D3, 3.4.10 (Application Reference Number: 6.4.3)	Community amenity	Phased implementation of landscape mounding, seeding of pasture and woodland planting to will soften views of the Power Station, and will include early creation of the outer slopes and top of the linear landscaped mound adjacent to Tregele, and landscape mounding on the edge of Cemaes..	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0119	Socio-economics	Chapter D3, 3.4.13 (Application Reference Number: 6.4.3)	Community amenity	Details on Management Strategies aiming to control adverse effects on the local community and environment are outlined in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and Main Power Station Site sub-CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3) and Main Power Station Site sub-CoCP (Deadline 5, Rev 3)	Good practice
0120	Socio-economics	Chapter D3, 3.4.18 (Application Reference Number: 6.4.3)	Visual amenity (community amenity)	The Landscape and Habitat Management Strategy (Deadline 5, Rev 3) will soften the appearance of the Wylfa Newydd Development Area and reduce the visual effects of the construction phase, simultaneously reducing adverse effects on community amenity. It will proceed on a phased basis and will consist of mounding and woodland planting, whilst also providing screening for the communities of Cemaes and Tregele.	Construction & Operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Good practice
0122	Socio-economics	Chapter D3, 3.4.25 (Application Reference Number: 6.4.3)	Workforce Management Strategy (WMS)	The WMS (Deadline 5, Rev 2) currently defines the key principles set out by Horizon to attract the right workforce to construct the Wylfa Newydd Project. A Code of Conduct will be written in accordance with the principles of the WMS (Deadline 5, Rev 2) which will apply to all personnel engaged in the construction of the Wylfa Newydd Project, be it direct employees, contractors or third-parties.	Construction	WMS (Deadline 5, Rev 2) DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
0123	Socio-economics	Chapter D3, 3.4.32 (Application Reference Number: 6.4.3)	Community amenity	The Wylfa Newydd CoOP (Deadline 5, Rev 3) covers the environmental management requirements for the operational phase of the Wylfa Newydd Project. Such areas under its remit include: socio-economics and community; traffic and transport; public access; air quality; noise and vibration; and waste management.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3)	Good practice

1159	Socio-economics	New mitigation proposed to reach agreement on issues raised in SoCG discussions. Response to FWQs/WRs/LIRs	Site Campus Delivery, Triggers and Phasing	a. Deliver all 4,000 beds at the Site Campus. b. Ensure Phase 1 of the Site Campus is fully operational before the number of Non-Home Based (NHB) workers exceeds 3,000 in the community, which has been assessed in the Environmental Statement. c. Deliver Site Campus in the following three phases: - Deliver the first 1,000 beds of Site Campus prior to exceedance of 2,200 Non-Home Based workers. This Phase would include the delivery of the amenity block - Deliver further 1,000 beds prior to exceedance of 4,200 Non-Home Based workers and - Deliver the final 2,000 beds prior to exceedance of 6,700 Non-Home Based workers Phase 1 of the Site Campus (i.e. deliver the first 1,000 beds of Site Campus prior to exceedance of 2,200 Non-Home Based workers) to include a Medical Centre at the Site Campus appropriate to the number of patients on site.	Construction	Phasing Strategy (Deadline 5, Rev 3)	Additional
Volume D, Public Access and Recreation							
0126	Public Access and Recreation	Chapter D4, 4.4.4 (Application Reference Number: 6.4.4)	Disruption of public access to the Wales Coast Path (WCP) during construction.	A diversion of the WCP would be provided around the construction fence between Cemlyn Bay (junction of Nanner Road and the access road to Cemlyn Bay car park) and Cemaes, with access to Cemaes being routed along PRoW 20/007/2. This route would be unsurfaced and wooden bridges suitable for use by walkers would be provided where the diverted route crosses a watercourse.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3), the Right of Way Plans (Application Reference Number: 2.4) and Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 6	Embedded
0127	Public Access and Recreation	Chapter D4, 4.4.4 (Application Reference Number: 6.4.4)	Severance of PRoW 20/004/2 from Cemaes to Tre-r Gof Isaf during construction.	A temporary diversion would be implemented around the perimeter of the work site as soon as practicable.	Construction	Right of Way Plans (Application Reference Number: 2.4) and Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 6	Embedded
0128	Public Access and Recreation	Chapter D4, 4.4.4 (Application Reference Number: 6.4.4)	Disruption of public access to Wylfa Head during construction.	Access to Wylfa Head would be retained throughout construction by retaining PRoWs 20/056/1, 20/056/2, 20/002/2, 20/002/5, 20/002/3 and 20/002/4 along the north coast between Cemaes and Wylfa Head as a linear route, though a localised diversion of PRoW 20/056/1 and 20/002/2 may be required. The route of the permissive section of the WCP around Wylfa Head would be diverted as required based on the boundary of Site Campus.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3), Right of Way Plans (Application Reference Number: 2.4) and Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 6	Embedded
0129	Public Access and Recreation	Chapter D4, 4.4.4 (Application Reference Number: 6.4.4)	Disruption of public access to Porth Wylfa and Porth yr Ogof during construction.	Access to Porth Wylfa and Porth yr Ogof from the WCP would be retained throughout construction.	Construction	Right of Way Plans (Application Reference Number: 2.4) and Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 6	Embedded
0130	Public Access and Recreation	Chapter D4, 4.4.4 (Application Reference Number: 6.4.4)	Noise and visual impacts of the construction works on the recreational amenity, particularly at Cemlyn Bay and Tregele.	Earthworks phasing would allow for construction of the landscape mound closest to Cemlyn Bay (mitigating the noise effect on Cemlyn Bay) and noise bunds close to Tregele (mitigating the visual and noise effects on the village) early within the construction programme.	Construction	Phasing Strategy (Deadline 5, Rev 3) and Construction Method Statement (Deadline 5, Rev 2)	Embedded

0131	Public Access and Recreation	Chapter D4, 4.4.5 (Application Reference Number: 6.4.4)	Effects of construction dust on recreational amenity.	The effects of dust on recreational amenity would be mitigated in accordance with the air quality management strategy.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 7 and Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0132	Public Access and Recreation	Chapter D4, 4.4.5 (Application Reference Number: 6.4.4)	Effects of construction noise on recreational amenity.	Construction work would be carried out in accordance with a noise and vibration management strategy.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 8 and Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0133	Public Access and Recreation	Chapter D4, 4.4.5 (Application Reference Number: 6.4.4)	Disruption of public access to the WCP during construction.	Bilingual notices and information boards of the diversion route of the WCP would be installed to inform users of PRoW of the diversions and closures. These would be in addition to the legal notices erected by the IACC. The information boards will explain what is happening on site along with showing a map of the PRoW and WCP route and short interpretation about what is happening on site and what people can see from that location. The information boards would be updated three times during construction to reflect the changes to activities within the Wylfa Newydd Development Area. These boards would be at Porth y Felin, as the WCP leaves the temporary visitor viewing area and as the WCP diversion link connects to Cemaes.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 6	Good practice
0134	Public Access and Recreation	Chapter D4, 4.4.5 (Application Reference Number: 6.4.4)	Disruption of public access to the Copper Trail during construction.	Signage informing users of the new route for the Copper Trail would be in place prior to the permanent closure of Cemlyn Road.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 6	Good practice
0135	Public Access and Recreation	Chapter D4, 4.4.7 (Application Reference Number: 6.4.4)	Disruption of access to Fisherman's Car Park which is used by locals and tourists who enjoy the recreational amenity of Wylfa Head.	A public car park would be provided at the same location as the current Fisherman's Car Park accessible from the public highway along its existing route. The car park would be surfaced and suitable for wheelchair users. Within the car park there would be interpretation boards and picnic tables. Clear signage to the WCP and other PRoW that lead away from the car park would be provided.	Operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0136	Public Access and Recreation	Chapter D4, 4.4.7 (Application Reference Number: 6.4.4)	Severance of PRoWs by the construction of the Power Station.	New PRoWs would be created on re-profiled land outside the Power Station Site, linking to the WCP, existing PRoW network and Cemaes.	Operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3) and the Right of Way Plans (Application Reference Number: 2.4)	Embedded
0137	Public Access and Recreation	Chapter D4, 4.4.7 (Application Reference Number: 6.4.4)	Disruption of public access to the Wales Coast Path (WCP) during operation.	During operation of the Power Station, the WCP would remain diverted however it would follow a shorter route than during the construction of the Power Station.	Operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3) and the Right of Way Plans (Application Reference Number: 2.4)	Embedded

0138	Public Access and Recreation	Chapter D4, 4.4.7 (Application Reference Number: 6.4.4)	Disruption of access to areas of recreational amenity during operation.	A new nature trail would be created and encompass a route along various new footpaths. It would include information boards and interest points suitable for all ages, with digital and paper-based maps of the trail made available, information provided would be available in Welsh and English.	Operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0139	Public Access and Recreation	Chapter D4, 4.4.7 (Application Reference Number: 6.4.4)	Impacts to recreational amenity at Wylfa Head during operation.	A new wildlife watching shelter and information boards regarding wildlife that can be seen on or from Wylfa Head would be provided at the location of the former coastguard lookout on Wylfa Head.	Operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0140	Public Access and Recreation	Chapter D4, 4.4.7 (Application Reference Number: 6.4.4)	Impacts to the recreational amenity of Porth Wnal and the GeoMôn Geopark during operation.	Interpretation boards would be provided at Porth Wnal which would reference the GeoMôn Geopark and the specific geology of this area, these interpretation boards will set out the information in Welsh and English.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 6	Embedded
0141	Public Access and Recreation	Chapter D4, 4.4.7 (Application Reference Number: 6.4.4)	Impacts to local areas of recreational amenity during operation.	A picnic area with bilingual interpretation boards would be provided above Porth yr Ogof; this area would be accessible by wheelchair from the new car park at a similar location to the existing Fisherman's Car Park. Access to the Dame Sylvia Crowe designed woodland would be provided to recreational walkers, including a route to the existing viewpoint. Additional interpretation boards at the proposed Visitor and Media Reception Centre, Port yr Felin, on Mound C and at the Penrhyn entrance to the Wylfa Newydd Development Area would be provided. These would provide information on a range of topics, including ecology, the copper trail, cultural heritage and geology. Specific content of these interpretation boards would be determined at a later date.	Operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0142	Public Access and Recreation	Chapter D4, 4.4.11 (Application Reference Number: 6.4.4)	Effects of decommissioning dust on recreational amenity.	Measures to reduce the effects of dust would be implemented in line with good practice as set out in the construction air quality management strategy.	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
0143	Public Access and Recreation	Chapter D4, 4.4.11 (Application Reference Number: 6.4.4)	Effects of decommissioning noise on recreational amenity.	Measures to reduce the effects of noise would be implemented in line with good practice as set out in the construction noise and vibration management strategy.	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
1113	Public Access and Recreation	New mitigation proposed as a result of ongoing SoCG discussion	Managing public access at Wylfa Head	Wylfa Head will be managed to deter public access in the vicinity of any chough nest location(s), particularly at the beginning of the breeding season (late-March to mid-April). This will be achieved by provision of interpretation boards to educate the public; signage/waymarkers to indicate preferred footpath routes; and fencing to limit access to the most sensitive areas. Detailed implementation and management schemes will be prepared for the new landscape and habitats. Management Schemes will seek to ensure public access on Wylfa Head is managed to minimise adverse effects on sensitive habitats and species, in particular chough.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional
Volume D, Air Quality							
0146	Air Quality	Chapter D5, 5.4.8 (Application Reference Number 6.4.5)	Reduce dust emissions and the associated effects due to dust deposition.	Haul roads would be capped, with suitable materials and techniques, which would have a lower potential for emitting dust than unsurfaced haul roads.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 7, Construction Method Statement (Deadline 5, Rev 2)	Embedded
0147	Air Quality	Chapter D5, 5.4.9 (Application Reference Number 6.4.5) Clarification	Reduce dust emissions and the associated effects due to dust deposition (batching plant during construction).	The concrete batching plant would include embedded mitigation to prevent or reduce emissions of dust as part of the design. These include enclosing the various parts of the plant, with silos and cement powder delivery systems fitted with suitable dust mitigation systems where necessary depending on plant type/design. The bays where aggregates will be stored will be enclosed and covered to prevent dust emissions during storage and loading/unloading from the bays.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 7	Embedded

0148	Air Quality	Chapter D5, 5.4.10 - 5.4.11, 5.4.13, and 5.4.16 - 5.4.17 (Application Reference Number 6.4.5)	Reduce dust emissions and the associated effects due to dust deposition.	A combination of construction control measures, management measures and procedures to control the emissions of dust are set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3), Main Power Station Site sub-CoCP (Deadline 5, Rev 3) and Marine Works sub-CoCP (Deadline 5, Rev 3). The mitigation measures would apply to both the construction and removal of the Site Campus and other temporary structures and buildings on the Wylfa Newydd Development Area during the construction phase. Mitigation would also include management of amenity effects due to potential dust soiling at the Site Campus. Dust deposition would be controlled by appropriate cleaning and maintenance of the Site Campus as required.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7, Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 7 and Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0149	Air Quality	Chapter D5, 5.4.12 (Application Reference Number 6.4.5)	Reduce dust emissions and the associated effects due to dust deposition (batching plant during construction).	Good practice mitigation would also be implemented during the operation of the concrete batching plant to prevent or reduce emissions of dust; these are set out in the Main Power Station Site sub-CoCP (Deadline 5, Rev 3)	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0150	Air Quality	Chapter D5, 5.4.14 (Application Reference Number 6.4.5)	Monitoring of dust deposition rates and pollutant concentrations.	An appropriate monitoring programme would form a key part of the overall dust mitigation and management process. The approach and scope of the air quality monitoring survey include continuous automatic monitoring of ambient particulate concentrations and dust deposition monitoring and are set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3), Main Power Station Site sub CoCP (Deadline 5, Rev 3) and Marine Works sub-CoCP (Deadline 5, Rev 3). Ecological inspections will be undertaken at Tre'r Gof SSSI against which any adverse effects resulting from dust deposition during Main Construction can be identified. This will be used to identify if further action is required to prevent further dust deposition or damage to the vegetation. This will be achieved via additional mitigation, management or alteration of the dust causing activities, and through appropriate direct management practices within Tre'r Gof SSSI. These inspections could be extended to the other ecological sites of lower sensitivity as required. Horizon will undertake monitoring at six locations on or close to the boundary of the Wylfa Newydd Development Area. • Cemaes; • Tregele; • adjacent to Cae Gwyn Site of Special Scientific Interest (SSSI); • western boundary (south of Cemlyn Bay); • near or at Felin Cafnan; and • Tre'r Gof SSSI. The monitoring is proposed to be at locations close to the site boundary that are close to key human or ecological receptor locations. Off-site locations (e.g. locating a monitoring station within the garden of a residential property or on a public footpath) are not considered to be required as the boundary locations are close to the nearest human or ecological receptors and would be considered to represent relevant exposure locations.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7, Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 7 and Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 7.	Good practice
0151	Air Quality	Chapter D5, 5.4.20, 5.4.26 (Application Reference Number 6.4.5)	Reduce odour effect from the package sewage treatment works.	The package sewage treatment plant for Main Construction would be a modularised system that would be predominately enclosed. The processes with the highest potential to emit odours, such as the preliminary treatment (screens), balance tanks, primary treatment, sludge storage and sludge treatment, would be covered with active extraction to maintain a slight negative-pressure within the process units. The extracted air would be treated to reduce the odour concentrations in line with standard performance levels for odour control units on package sewage treatment plants. Horizon would carry out routine odour walkover surveys, along with other good practice measures, to assess the effectiveness of the odour control system. The maintenance of the package sewage plant for Main Construction would be carried out in line with the manufacturers' specifications and standard good practice measures. The normal operation of the package sewage treatment plant would not be expected to generate excessive odours. Mitigation measures are set out in Main Power Station Site sub-CoCP (Deadline 5, Rev 3).	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0152	Air Quality	Chapter D5, 5.4.21 - 5.4.22 (Application Reference Number 6.4.5)	Reduce odour effect due to the Cemaes WWTW.	The Site Campus would be designed to reduce the exposure of residents to odour emissions from the existing Cemaes WWTW, operated by Dŵr Cymru Welsh Water. Buildings within 70m of the centre of the Cemaes WWTW would have central heating, ventilation, and air conditioning (HVAC) system on the building with a roof mounted intake (or similar) and non-opening windows. The existing Cemaes WWTW is also proposed to be upgraded or extended to treat the additional effluent produced by the Site Campus. The requirement to consider potential odour impacts to residents of the Site Campus would be raised with Dŵr Cymru Welsh Water.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded

0153	Air Quality	Chapter D5, 5.4.23 - 5.4.25 (Application Reference Number 6.4.5)	Reduce odour effect from contaminated soils.	The good practice mitigation measures would mitigate the risk of odour emissions from these areas of contamination. Appropriate measures would be implemented to protect both human health and the environment and reduce the potential for the mobilisation of contaminants during the works. The removal of the contents of the trichloroethene sump would be pumped straight into a tanker, as far as practicable. All materials would be removed off-site and sent to an appropriate disposal facility or treated in a treatment system on-site, thus reducing the risk of exposure to the atmosphere and potential risk of odour. Material visually/olfactorily impacted by hydrocarbons will also be removed from site following excavation, reducing the likelihood of odours from this source. Processes and procedures would be put in place that clearly define methods for dealing with any areas of unexpected contamination in order to manage immediate risks and prevent any contamination, airborne contaminants or odour spreading from the affected area. Implementation of these processes and procedures would reduce any odours associated with the disturbance, storage or removal of potentially odorous contaminated materials associated with organic compounds and chlorinated solvents from unknown areas of contamination, should they occur.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7 and Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0154	Air Quality	Chapter D5, 5.4.36 (Application Reference Number 6.4.5)	Control of emissions to air from plant and machinery.	Site power to support construction is scheduled to be available nine months after commencement of the ~~granting of the~~ DCO and is a predecessor for the establishment of site compounds and accommodation. The installation of the site power would reduce the need to use diesel generators to power the site compounds.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 7 and Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 7	Embedded
0155	Air Quality	Chapter D5, 5.4.37 (Application Reference Number 6.4.5)	Control of emissions to air from plant and machinery.	Good practice mitigation to reduce emissions of pollutants from plant and machinery is set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0156	Air Quality	Chapter D5, 5.4.64 (Application Reference Number 6.4.5)	Reduce pollutant emissions to air from combustion plant.	All combustion plant would operate on ultra-low sulphur diesel, which has a sulphur content of 10 parts per million or less (i.e. 0.001%), where this does not compromise safety and operational requirements, and the assessment has been undertaken on this basis. This would reduce emissions of sulphur dioxide from the generator exhaust by a factor of 100 compared to standard gas oil with a sulphur content of 0.1%.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 7	Embedded
0157	Air Quality	Chapter D5, 5.4.66 - 5.4.67 (Application Reference Number 6.4.5)	Reduce pollutant emissions to air from combustion plant.	The standby generators and boilers would be operated in line with the selected equipment manufacturers' operating procedures or Horizon operating procedures, where these supersede the equipment manufacturers' operating procedures. Horizon would undertake appropriate routine maintenance and testing of all proposed combustion plant to optimise combustion parameters and avoid abnormal or elevated emissions. For planned testing, only one generator would ever be tested at any one time. In addition, no planned tests on other standby generators would be undertaken within the same day to eliminate the potential for any combined short-term effects. Additional tests would need be undertaken in line with commissioning and operating procedures, which may include same day testing during commissioning and other infrequent occurrences (e.g. in unlikely event of a generator breakdown or failures to start).	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 7	Good practice
0158	Air Quality	Chapter D5, table D5-46 (Application Reference Number 6.4.5)	Reduce pollutant emissions to air from combustion plant.	Oxides of nitrogen/nitrogen dioxide (NOx/NO2) emissions management. Monitoring and reporting will be implemented during construction. This includes a number of measures to achieve compliance with the appropriate environmental standard 1. A non-Road Mobile Machinery (NRMM) fleet mix will include newer plant complying with the EU Stage IV emission standards for NRMM (EC Directive 97/68/EC) (i.e. plant generally manufactured after 2014), which emit 80% less NOx than Stage IIIB plant Horizon will implement the following: 1. a minimum of 90% of NRMM to meet EU Stage IV emissions standards; and 2. a maximum of 10% of NRMM to meet EU Stage IIIB emission standards. 3. relevant marine vessels undertaking the Marine Works to comply with the International Maritime Organisation MARPOL Annex VI Tier III NOx emission limits As part of the construction plant and machinery (oxides of nitrogen) emissions management strategy in the Main Power Station Site sub-CoCP (Deadline 5, Rev 3), a comprehensive air quality management, monitoring and reporting scheme would be developed by Horizon in discussion with the IACC and Natural Resources Wales (NRW), including agreement of thresholds and additional achievement criteria to ensure compliance with the appropriate environmental standards. Since the scheme is in development it will continue to be developed with the regulator and finalised for approval prior to the start of construction. Where necessary, additional modelling and assessment would be undertaken to support the development of the scheme as it matures. In order to achieve the appropriate environmental standards, the scheme would include a range of measures to achieve that outcome; these are detailed in the Main Power Station Site sub-CoCP (Deadline 5, Rev 3)	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 7 and Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 7	Additional

0159	Air Quality	Chapter D5, 5.4.72 - 5.4.73 (Application Reference Number 6.4.5)	Reduce the emissions of dust and pollutant emissions to air during decommissioning.	Embedded and good practice measures to be implemented during decommissioning will be similar to those identified for construction.	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
1160	Air Quality	New mitigation proposed as a result of ongoing SoCG discussion Response to FWQs/WRs/LIRs	More details on AQ triggers, monitoring and action plan (for PM2.5)	Horizon will use the World Health Organisation annual mean air quality guideline for PM2.5 of 10µg/m3 to trigger a joint review with IACC to determine if Horizon has caused exceedance of the trigger value. If the exceedance of the trigger level is clearly attributed to site activities (i.e. the annual mean concentration is 30% or more of the estimated baseline concentration), an action plan would be drawn up to set out reasonable actions that can be implemented by Horizon to reduce PM2.5 emissions which could include • reviewing monitoring data to identify patterns/areas of the site that could be key sources of emissions; • reviewing any recurring issues from the real-time PM10 monitoring, dust deposition monitoring or responses to trigger exceedances and related visual inspections; and • seeking input from the Health and Wellbeing Engagement Group where relevant. Horizon would draft up an action plan and implement modifications to site activities or dust control measures including • increasing dust suppression application to working areas, aggregate stock piles or mounds, including at areas not previously considered to represent significant sources of dust/PM2.5 emissions; or • application of dust suppression during weather conditions not previously considered to lead to dust/PM2.5 emissions such as lower wind speeds Review of action plan will be undertaken on a once per annum basis if PM2.5 concentrations remain above 10µg/m3 as a result of a clear increase on baseline concentrations from site activities. All actions in the action plan remain as reasonably practicable unless the measured annual mean concentration approaches the AQO of 25µg/m3	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 7 and Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 7	Additional
Volume D, Noise and vibration							
0160	Noise and Vibration	Chapter D6, 6.4.24 (Application Reference Number: 6.4.6)	Construction noise effects from Wylfa Newydd Development Area activities.	Earth mounds located at the north-east, south and south-west extents of the Wylfa Newydd Development Area (identified as construction zones A, C and E on figure D6-2 (Application Reference Number: 6.4.101) would provide attenuation of construction noise for receptors.	Construction	Phasing Strategy (Deadline 5, Rev 3) and Construction Method Statement (Deadline 5, Rev 2)	Embedded
0161	Noise and Vibration	Chapter D6, 6.4.25 (Application Reference Number: 6.4.6)	Ground-borne vibration and noise generated by dumper trucks using the haul roads within Wylfa Newydd Development Area.	An earth bund along the south-east of construction zone 9, referred to as Mound B in the LHMS, (see figure D6-2 (Application Reference Number: 6.4.101)) along the boundary with the A5025 is incorporated to reduce construction noise levels at properties in Tregele. The proposed haul routes (see figure D6-2 (Application Reference Number: 6.4.101)) within the Wylfa Newydd Development Area would be capped as soon as reasonably practicable with suitable materials and techniques which would have a lower potential for emitting noise and vibration than unsurfaced haul roads. For example, this measure would reduce ground-borne vibration levels caused by dumper trucks impacting on road surface irregularities, such as the edges of holes.	Construction	Phasing Strategy (Deadline 5, Rev 3) and Main Power Station Site sub-CoCP (Deadline 5, Rev 3)	Embedded
0162	Noise and Vibration	Chapter D6, 6.4.27 (Application Reference Number: 6.4.6)	Construction noise and vibration effects from Wylfa Newydd Development Area activities.	Prior to the commencement of construction activities, the preferred construction methodology and equipment would be reviewed to identify any reasonable opportunities to reduce construction noise and vibration and potential effects on sensitive receptors. Where reasonable opportunities are identified, these would be adopted as part of the construction methodology. There would be a preference for electrically powered equipment rather than diesel or petrol-powered equipment.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0163	Noise and Vibration	Chapter D6, 6.4.28 (Application Reference Number: 6.4.6)	Construction noise effects from Wylfa Newydd Development Area activities.	Heavy plant and equipment would comply with the noise limits quoted in the Outdoor Noise Directive 2000/14/EC, which is enacted in the Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001 (United Kingdom Statutory Instrument 2001/1701). All plant would be maintained on a regular basis to ensure it is in good working order and complies with these noise limits.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0164	Noise and Vibration	Chapter D6, 6.4.29 (Application Reference Number: 6.4.6)	Construction noise effects from Wylfa Newydd Development Area activities.	All heavy plant and equipment which are fitted with noise abatement covers would not be operated with the noise abatement covers open or removed, to ensure that the acoustic insulation they are fitted with remains effective. The effectiveness of acoustic insulation and silencers fitted to plant would be monitored and assessed on a monthly basis. Any plant or equipment identified to have defective or underperforming insulation or silencers would be immediately investigated and repaired.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice

0165	Noise and Vibration	Chapter D6, 6.4.30 (Application Reference Number: 6.4.6)	Construction noise and vibration effects from Wylfa Newydd Development Area activities.	Heavy plant, equipment and vehicles in intermittent use would be shut down or throttled down to a minimum during waiting periods as far as is practicable.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0166	Noise and Vibration	Chapter D6, 6.4.31 (Application Reference Number: 6.4.6)	Construction noise and vibration effects from Wylfa Newydd Development Area activities.	There would be a preference for fabrication to occur off-site or within purpose-built buildings on site, rather than in open areas.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0167	Noise and Vibration	Chapter D6, 6.4.32 (Application Reference Number: 6.4.6)	Construction noise and vibration effects from Wylfa Newydd Development Area activities.	Consideration will be given to site layout in order to eliminate or reduce emissions received at sensitive locations. Noise or vibration emitting plant will be situated as far as practicable from sensitive areas.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0168	Noise and Vibration	Chapter D6, 6.4.33 (Application Reference Number: 6.4.6)	Construction noise effects from Wylfa Newydd Development Area activities.	Vehicles and mechanical plant employed for any activity associated with the construction works will be fitted with effective exhaust silencers/suppression equipment.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0169	Noise and Vibration	Chapter D6, 6.4.34 (Application Reference Number: 6.4.6)	Construction noise and vibration effects from Wylfa Newydd Development Area activities.	Plant employed for any activity associated with the construction works will be operated in a manner such that noise and vibration emissions will be controlled and limited as far as reasonably practicable.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0170	Noise and Vibration	Chapter D6, 6.4.35 (Application Reference Number: 6.4.6)	Construction noise effects from Wylfa Newydd Development Area activities.	Vehicles will not wait or queue on the public highway with engines running (unless the engine is required to power the operation of the vehicle e.g. concrete wagon).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0171	Noise and Vibration	Chapter D6, 6.4.36 (Application Reference Number: 6.4.6)	Construction noise effects from Wylfa Newydd Development Area activities.	All materials will be handled in a manner that would reduce noise.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0172	Noise and Vibration	Chapter D6, 6.4.37 (Application Reference Number: 6.4.6)	Construction noise effects from Wylfa Newydd Development Area activities.	Noise from reversing alarms would be controlled and limited by designing circulation routes to avoid the need to reverse vehicles as far as practicable and using banksmen where appropriate. To reduce noise, reversing alarms fitted to all vehicles would incorporate one or more of the following features: · highly directional sounders; · broadband or warbling signals; · self-adjusting output sounders (also known as ‘smart sounders’); and · flashing lights.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0173	Noise and Vibration	Chapter D6, 6.4.38 (Application Reference Number: 6.4.6)	Construction noise effects from Wylfa Newydd Development Area activities.	The location of static equipment (such as generators, compressors and pumps) would be positioned to reduce noise at sensitive receptors as far as practicable.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0174	Noise and Vibration	Chapter D6, 6.4.39 (Application Reference Number: 6.4.6)	Construction noise effects from Wylfa Newydd Development Area activities.	Localised noise screens or enclosures would be placed around small-scale and comparatively immobile equipment where practicable.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice

0175	Noise and Vibration	Chapter D6, 6.4.40 (Application Reference Number: 6.4.6)	Construction vibration effects from Wylfa Newydd Development Area activities.	Vibratory rollers will not be started, stopped, or the direction of travel reversed close to sensitive receptors unless no alternative option is available.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0176	Noise and Vibration	Chapter D6, 6.4.41 (Application Reference Number: 6.4.6)	Construction noise and vibration effects from Wylfa Newydd Development Area activities.	The need for considerate working practices and behaviours would be communicated to the workforce through site inductions, shift briefings and toolbox talks.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0177	Noise and Vibration	Chapter D6, 6.4.42 (Application Reference Number: 6.4.6)	Construction noise and vibration effects from Wylfa Newydd Development Area activities.	Applications for prior consent under Section 61 of the Control of Pollution Act 1974 (s61) would be required for all major construction activities. Each application would contain the particulars of the works to be undertaken, the working methods, details of the plant proposed to undertake the works, noise (and vibration if relevant) predictions and the proposed noise-control measures. Applications would be submitted to the IACC for consent. The aim of s61 applications would be to establish that the best practicable means have been employed to control noise emissions. The IACC may attach conditions to each consent, where it is considered that additional measures are required. As a minimum, the following information would be set out in each s61 application, as per Appendix A of the Wylfa Newydd CoCP (Deadline 5, Rev 3) and summarised below. · Noise and vibration monitoring procedures, including equipment specification, locations, durations, trigger action levels and reporting requirements. · Blasting control procedures, designed to reduce the generation of air overpressure at source and ensure that blast vibration does not exceed the limit values set out in appendix B6-2 (Application Reference Number: 6.2.21). · Contact details (24 hours, seven days a week) for on-site personnel responsible for noise and vibration management. · Complaint response protocols. In the event that works for which Section 61 consent has been applied for, need to be rescheduled or modified (for example, using different plant, working methods or working hours), Horizon will apply for a dispensation or variation from the IACC before commencing those works.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0178	Noise and Vibration	Chapter D6, 6.4.43 (Application Reference Number: 6.4.6)	Construction noise at properties near to mounds A and C of the Wylfa Newydd Development Area.	The strategic placement of material when building mounds A and C would create noise barriers that construction plant would work behind. This would require that the mound be built sequentially in layers, with the perimeter of the mound nearest to properties being built first, which would then provide attenuation whilst the remainder of that layer is completed behind.	Construction	Phasing Strategy (Deadline 5, Rev 3), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 8 and Construction Method Statement (Deadline 5	Good practice
0179	Noise and Vibration	Chapter D6, 6.4.44 (Application Reference Number: 6.4.6)	Construction noise and vibration effects from Wylfa Newydd Development Area activities.	To improve efficiencies, some works would be carried out during the more sensitive evening, night-time and weekend periods (as set out in the heading rows of table D6-15). However, key potentially noisy activities would be restricted during these periods. For example, earthworks near receptor locations would not be carried out at night. Blasting events would also not be planned for these more sensitive periods, as per the Main Power Station Site sub-CoCP (Deadline 5, Rev 3). As part of the s61 process, blasting times will be communicated to the local community in advance.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0180	Noise and Vibration	Chapter D6, 6.4.45 - 6.4.46 (Application Reference Number: 6.4.6)	Construction noise and vibration effects from Wylfa Newydd Development Area activities.	A bilingual Community Liaison Group will be established and construction issues will be regularly discussed between Horizon, the contractors, the IACC and representatives from the local community. BS 5228 states (in both Parts 1 [RD1] and 2 [RD2], which relate to noise and vibration respectively): “It is well established that people’s attitudes to noise (and vibration) can be influenced by their attitudes to the source or activity itself. Noise (and vibration) from a site will tend to be accepted more readily by local residents, if they consider that the contractor is taking all possible measures to avoid unnecessary noise (and vibration).” This forum would provide advanced notice to the local community of works taking place, so that residents may plan around them.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0181	Noise and Vibration	Chapter D6, 6.4.47 (Application Reference Number: 6.4.6) Responding to FWQs/WRs/LIRs	Construction vibration effects from blasting at the Wylfa Newydd Development Area.	All blasting will be designed to comply with the relevant vibration thresholds set out in the Main Power Station Site sub-CoCP (Deadline 5, Rev 3) and the Marine Works sub-CoCP (Deadline 5, Rev 3). All blasting methods will be designed to comply with the vibration threshold values set out below. The vibration level shall not exceed: a. 6mm/s Peak Particle Velocity (PPV) for 95% of blasting events in any six-month period; or (between 09:00 and 18:00 hours Monday to Friday and between 08:00 and 13:00 hours Saturday); b. 4.5mm/s Peak Particle Velocity (PPV) for 95% of blasting events in any six-month period (between 18:00 and 19:00 hours Monday to Friday); or c. any higher limits agreed with the IACC on a case-by-case basis; and ii) the vibration level from any single event shall not exceed 10mm/s PPV. Vibration levels to prevent undue disturbance at offices and workshops as well as to prevent the onset of minor cosmetic damage to buildings (including historic builds) are also provided.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 8 Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 8	Good practice

0182	Noise and Vibration	Chapter D6, 6.4.88-90 (Application Reference Number: 6.4.6)	Power Station operational noise effect from transformers.	The combined noise level from transformers (including generator transformers auxiliary transformers and associated cooling systems) shall be subject to appropriate near field limits, selected to achieve a free-field transformer noise level of 25dB LAeq,T or below at the closest residential receptors. Near field limits will also be selected such that the unweighted transformer noise level does not exceed a level of 38dB within the 125Hz octave band at the same locations.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 8	Embedded
0183	Noise and Vibration	Chapter D6, 6.4.99 (Application Reference Number: 6.4.6)	Power Station operational noise effect.	The proposed noise sources (e.g. turbines and back-up generators) are located within substantial buildings. In addition, the detailed design of the buildings would reduce the potential for noise leakage through openings and penetrations in the building envelopes. These factors mean that noise from equipment within these buildings would be inaudible at local receptors.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 8	Good practice
0184	Noise and Vibration	Chapter D6, tables D6-14 and D6-15 (Application Reference Number: 6.4.6)	Power Station operational noise and vibration.	Operational noise and vibration effects will be managed with the application of embedded mitigation in design, as well as good practice measures including: • selection of low-noise-generating equipment, where practicable for operational requirements; • regular inspection and maintenance of equipment; • ensuring doors and windows of enclosed areas are closed; • ensuring all equipment is operated by trained and experienced staff; • avoiding noisy activities at night which affect local receptors; • implementing measures to control noise during maintenance activities; • locating the majority of proposed noise sources (e.g. turbines, back-up generators) within buildings; • locating the majority of main power generation equipment in buildings; • including acoustic attenuators in the combustion air intake and exhaust systems for all combustion units; • fitting air handing systems with acoustic attenuators; and • ensuring detailed design of the buildings minimises the potential for noise leakage through openings and penetrations in the building envelopes. As set out in the application for the Environmental Permit for the combustion plant, operational noise associated with the combustion plant is not expected to cause a disturbance or nuisance. Monitoring will be undertaken on a limited spot check basis at locations agreed with NRW, to ensure that operational noise remains within permitted limits under the Environmental Permit. However, in the event that environmental noise complaints are received or monitoring identifies a breach of permitted operational limits, found to be caused by operational sources at the Power Station, then Horizon will seek to reduce noise levels within permitted limits, as soon as reasonably practicable. In the event of a serious breach, or a continuing breach, Horizon will undertake appropriate actions in consultation with NRW, to address the problem, including developing and implementing on site:• a programme protocol for conducting routine noise-monitoring; • a noise-reducing programme, identifying noise-reducing techniques and equipment; • a protocol for responding to noise incidents through appropriate actions, channels and timeframes; and • by reviewing historic noise incidents, corrective actions taken and disseminating information about noise incidents to the affected parties.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 8	Good practice
0185	Noise and Vibration	Chapter D6, table D6-32 (Application Reference Number: 6.4.6)	Construction noise at properties near to mound A of the Wylfa Newydd Development Area.	Strategic placement of early earthworks material around the southern perimeter of mound A, adjacent to residential properties on the A5025 between Cemaes and Tregele, early in the programme. This would form a bund to screen noise from bulk material haulage to mound A. The construction of the bund, which would eventually form part of mound A, would be built in such a way as to ensure noise levels at adjacent properties do not exceed 62dB LAeq1hr for more than eight weeks in a year, as defined in the long-term magnitude scale presented in table D6-15. Appropriate and regular noise monitoring (which will be detailed by the s61 applications) will be carried out at the dwellings closest to the bund, to ensure compliance with these thresholds.	Construction	Phasing Strategy (Deadline 5, Rev 3) and Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 8	Additional
0186	Noise and Vibration	Chapter D6, table D6-32 (Application Reference Number: 6.4.6)	Construction noise at properties near to mounds A and C of the Wylfa Newydd Development Area.	The strategic placement of material when building mounds A and C, as described below, would create noise barriers that construction plant would work behind, as per the Main Power Station Site sub-CoCP (Deadline 5, Rev 3). This would require that the mound be built sequentially in layers, with the perimeter of the mound nearest to properties being built first, which would then provide attenuation whilst the remainder of that layer is completed behind, as per the Phasing Strategy (Deadline 5, Rev 3). The outer perimeter of the mound would be constructed in such a way that construction noise levels do not exceed 62dB LAeq1hr for more than eight weeks in a year, as defined in the long-term magnitude scale presented in table D6-15.	Construction	Phasing Strategy (Deadline 5, Rev 3) and Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 8	Additional
0187	Noise and Vibration	Chapter D6, table D6-32 (Application Reference Number: 6.4.6) Clarification	Construction noise at properties near to mounds B of the Wylfa Newydd Development Area.	A screening bund along the east boundary of construction Zone 9 (adjacent to the A5025) will be constructed very early in the programme in such a way that none of the dwellings in Tregele are regularly subject to noise levels (due to construction noise effects from the haul route to Mound C and earthworks in Zone 9) over 62dB LAeq, 1-hour for more than eight weeks. Appropriate and regular noise monitoring will be carried out at the dwellings closest to the bund, to ensure compliance with this threshold. ~~A screening bund Mound B is proposed along the east boundary of construction Zone 9, which is adjacent to the A5025, this feature forms part of the embedded mitigation. To reduce construction noise effects from the haul route to Mound C and earthworks in Zone 9 this will be constructed early in the programme, as per the Phasing Strategy (Deadline 5, Rev 3), and in such a way that none of the dwellings in Tregele are regularly subject to noise levels (due to construction noise effects from the haul route to Mound C and earthworks in Zone 9) over 62dB LAeq,1-hour for more than eight weeks in a year, as defined in the long-term magnitude scale presented in table D6-15. Appropriate and regular noise monitoring (which would be detailed by the s61 applications) would will be carried out at the dwellings closest to the bund, to ensure compliance with these thresholds. as per the Main Power Station Site sub-CoCP (Deadline 5, Rev 3).~~	Construction	Phasing Strategy (Deadline 5, Rev 3) and Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 8	Additional

0188	Noise and Vibration	Chapter D6, table D6-32 (Application Reference Number: 6.4.6)	Adverse noise effect at residential properties from construction activities at the Wylfa Newydd Development Area, and from Wylfa Newydd Project traffic.	Horizon is committed to a voluntary Local Noise Mitigation Strategy (LNMS) which offers secondary glazing to properties within the LNMS boundary area for the main site and along the A5025. Horizon is also committed to ongoing monitoring of noise effects and considering potential additional eligibility of affected properties during construction as part of the s61 CoPA process in due course. Night workers, those needing a particularly quiet home environment to work in, or those that have a medical condition which will be seriously aggravated by construction noise, will also be considered on a case by case basis. The LNMS is described in the Wylfa Newydd CoCP, and will form part of the overall Neighbourhood Support Scheme.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Additional
1161	Noise and Vibration	New mitigation proposed to reach agreement on issues raised in SoCG discussions. Response to FWQs/WRs/LIRs	Noise and Vibration Monitoring Locations	Prior to commencement of Main Construction, Horizon will install noise monitoring equipment at six locations representative of the closest residential receptors to the Wylfa Newydd Development Area. Vibration monitoring will be installed at three locations. A combination of offsite and on-site locations are proposed. In some cases, the locations selected for noise monitoring and for vibration monitoring will coincide. Where on-site locations are proposed, the positions are close to human receptor locations, and measured levels would be very similar to those experienced by the local residential population. Where off-site locations are proposed, the positions will be selected to ensure that the attenuation effects of landscaped mounds are considered, enabling a representative measurement of noise levels affecting local residents in these areas. Noise and Vibration at these Off-site locations 1 x at Cemaes 1 x at Tregele 1 x at Felin Gafnan/ in proximity to 1 x Vibration monitoring station at the Grade II Listed Corn Mill near Felin Gafnan Noise at these On-site monitoring location 1 x at Cae Gwyn SSSI, south of Cemlyn Bay, site boundary between Tregele and Cemaes Noise and Vibration at these on-site locations 1x Vicinity of the Site Campus	Pre-construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3),, Chapter 8	Additional
0189	Noise and Vibration	Chapter D6, table D6-32 (Application Reference Number: 6.4.6)	Construction noise effects from Wylfa Newydd Development Area activities.	Horizon would install a ~~web-based~~ continuous noise and vibration monitoring ~~scheme~~ to be deployed throughout the construction works at the Wylfa Newydd Development Area. IACC would have shared access to the monitoring data, with the opportunity for public access to relevant information such as average noise levels. ~~Installation of monitoring equipment would be undertaken at up to six locations representative of the closest residential receptors to the Wylfa Newydd Development Area~~. Precise locations will be confirmed by the first Section 61 application, once initial site suitability visits have been undertaken. Provision of the noise and vibration monitoring at the off-site locations identified above is subject to agreeing permission to install and maintain the equipment, and suitable access arrangements, with land owners/occupiers. If permission or suitable access arrangements cannot be agreed, then alternative monitoring locations shall be proposed to the IACC. If equipment is damaged or tampered with then Horizon reserves the right to remove it and propose and arrange for it to be installed in another location following discussions with the IACC. These continuous monitoring stations will be installed for the duration of the DCO construction programme. Additional short-term measurements at key locations (ranging from hours to weeks) would be identified in each s61 application as required, and would take into account the characteristics of the works described by the specific s61 application. ~~Horizon would install a web-based continuous noise monitoring scheme to be deployed throughout the construction works at the Wylfa Newydd Development Area. IACC would have shared access to the monitoring data, with the opportunity for public access to relevant information such as average noise levels. Installation of monitoring equipment would be undertaken at up to six residential locations at any time, representative of the locations where the greatest noise levels are expected. The precise locations would be discussed with the IACC, and be confirmed by the first s61 application, once initial site suitability visits have been undertaken and access arrangements to the locations have been agreed. It is intended that monitoring equipment will be installed at Felin Gafnan, subject to access arrangements and site suitability survey. It is intended that these continuous monitoring stations will be installed for the duration of the construction programme, although they would be moved at the request of the resident, landowner or IACC Environmental Health Officer.~~	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 8	Additional
0190	Noise and Vibration	Chapter D6, table D6-32 (Application Reference Number: 6.4.6)	Construction vibration effects from Wylfa Newydd Development Area activities.	Horizon would undertake a vibration risk assessment as part of the s61 application for any construction activity involving vibratory or impact equipment to be used on the Main Site. This assessment would establish safe working distances for receptors in relation to construction vibration. This would ensure that any equipment that is identified as having potentially adverse vibration effects can be located sufficiently far from any sensitive receptors, that any effects on such receptors can be reduced to negligible. Where works are required within the safe working distances, alternative equipment or working methods will be investigated and vibration levels will be reduced to the greatest extent practicable. The s61 applications will also describe appropriate vibration monitoring to be carried out at the closest receptors to determine the success of these requirements.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 8	Additional
0191	Noise and Vibration	Chapter D6, table D6-32 (Application Reference Number: 6.4.6)	Construction noise effects on residents of Site Campus from Wylfa Newydd Development Area activities.	Acoustic mitigation measures will be provided as part of the building design of the Site Campus to achieve the requirements and guidance provided in BS 8233:2014 'Sound insulation and noise reduction for buildings – Code of practice' [RD3], World Health Organisation Guidelines (1999) [RD4] (for LAF,max levels), Approved Document E of the Building Regulations [RD5] and CIBSE Guide B4: Noise and vibration control for building services systems [RD6]. Preliminary information indicates that for some bedrooms, mechanical ventilation will be required to provide ventilation without the need for opening windows, and that windows will need to be double glazed with units of appropriate acoustic performance.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Additional

1114	Noise and Vibration	New Mitigation Good practice noise measures Clarification	Protection of trees and root protection areas	All construction work will be undertaken in accordance with the generic measures consistent with the guidance in BS 5228-1:2009+A1:2014 and BS 5228-2:2009+A1:2014. Good practice examples from these British Standards are also included.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Additional
1162	Noise and Vibration	Response to FWQs/WRs/LIRs	Significant effects from vibration from construction activities through the Section 61 process.	If any significant effects from vibration are predicted at specific receptors by the Section 61 process, Horizon will notify all properties affected about the effects that may be experienced at their property.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Additional
1163	Noise and Vibration	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Need for more information on blasting and a Specialist Blasting Contractor	Horizon will employ a specialist blasting contractor with a proven record of blasting work of this scale. Using their experience, they will manage the work safely and control each blast limiting vibrations, airblast and associated noise. The specialist blasting contractor shall have a registered shotfirer and specialist explosive supervisor to direct these works. Mitigation measures depend on a variety of factors but could typically include: • face and borehole mapping to establish geological variations; • accurate survey of boreholes (Light Detection and Ranging (LiDAR)) and measurements of burden • optimising placement and suitability review of explosive used; • effective stemming placement; and • suitability review of explosives and frequent reassessment of blast pattern design. The exact mitigation measures to be employed will be determined by the specialist blasting contractor, subject to proximity to sensitive structures, the vibration limits, the size of the bench and charge weight planned and the review of monitoring data from previous blasts	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 8 and Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 8	Additional
1164	Noise and Vibration	New mitigation proposed as a result of Candidate changes	Blasting Hours	No blasting after dusk between March and September.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 8 and Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 8	Additional
1165	Noise and Vibration	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Monitoring data management, noise and vibration reporting	Due to the large scale of the construction site and the number of varied parameters which require to be monitored, recorded and processed, all environmental monitoring data (including noise and vibration) will be managed by one central data management and control system. Horizon will obtain the data from the continuous noise and vibration monitoring equipment via a site wide data link, data cable around the site boundary, or 3G signal as appropriate. The data will be processed by the central data management and control system and subsequently outputted to a separate environmental database. External parties such as the IACC, Natural Resources Wales (NRW) and members of the public will have online access to the environmental database to view the data. Real-time data will be available to be viewed by the IACC or NRW at the Wylfa Newydd Development Area on the central data management and control system or could be discussed remotely with Horizon (e.g. via telephone call or WebEx/video call communication). Summary reports of noise monitoring and vibration monitoring will be submitted to the IACC monthly until First Nuclear Concrete is poured. After First Nuclear Concrete reports will be submitted every three months (or as agreed with the IACC).	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 8 and Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 8	Additional
Volume D, Soils and Geology							
0194	Soils and Geology	Chapter D7, 7.4.9, (Application Reference Number: 6.4.7)	Impact on Porth Wnal Dolerite RIGS	The cooling water outfall and its associated temporary cofferdam have been designed to avoid the dolerite dyke intrusion which forms the key feature of the Porth Wnal Dolerite RIGS.	Construction	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Embedded
0195	Soils and Geology	Chapter D7, 7.4.12 (Application Reference Number: 6.4.7)	Adverse effects on receptors of contamination due to encountering unexpected contamination.	A contamination watching brief would be maintained by suitably qualified personnel during excavation works in areas where made ground has previously been encountered, so that any areas of unexpected contamination would be identified as soon as practicable.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 9	Good practice

0196	Soils and Geology	Chapter D7, 7.4.12 (Application Reference Number: 6.4.7)	Adverse effects on receptors of contamination due to encountering unexpected contamination.	Processes and procedures related to the discovery of unexpected contamination as set out within the Waste and materials management strategy in chapter 9 of the Wylfa Newydd CoCP (Deadline 5, Rev 3). These procedures would clearly define methods for dealing with any areas of unexpected contamination in order to manage immediate risks and prevent any contamination, airborne contaminants or odour spreading from the affected area. The strategy would contain protocols for dealing with areas of potential asbestos-containing materials, should they be encountered.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0197	Soils and Geology	Chapter D7, 7.4.15 (Application Reference Number: 6.4.7)	Adverse effects on receptors of contamination due to pollution incidents	Good practice mitigation during construction would include measures such as good equipment maintenance and repair and containment systems for all fuel storage/filling areas to reduce leaks and spills.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0198	Soils and Geology	Chapter D7, 7.4.16 (Application Reference Number: 6.4.7)	To prevent the loss of materials through their potential classification as waste.	The reuse of materials would be managed in accordance with the Definition of Waste: Development Industry Code of Practice [RD7]. This would allow the reuse of excavated materials as far as possible without them being defined as waste.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0199	Soils and Geology	Chapter D7, 7.4.18 (Application Reference Number: 6.4.7)	To prevent the loss of soil resources in areas where they would otherwise be covered with hardstanding or lost as a resource through mixing with other general excavation arisings or heavy disturbance.	Topsoil and subsoil (where necessary), will be stripped as per good practice construction techniques from all areas of the main site and off-site locations where development is taking place, with the exception of environmental buffer areas. This will be undertaken towards the start of the construction works. The topsoil (and subsoil, where necessary) would then be re-used sustainably within the Wylfa Newydd Project or at a suitable third-party receptor site (e.g. via the CL:AIRE Register of Materials).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0200	Soils and Geology	Chapter D7, 7.4.20 (Application Reference Number: 6.4.7) Responding to FWQs/WRs/LIRs	To reduce potential adverse effects on soil quality.	In accordance with the guidance presented in Construction Code of Practice for the Sustainable Use of Soils on Construction Sites [RD8], soil resource surveys will be undertaken prior to earthworks commencing. The scope of the soil resource surveys will be determined by the suitably qualified and experienced personnel, taking into account the existing Agricultural Land Classification surveys, but will be in accordance with the guidance presented in Construction Code of Practice for the Sustainable Use of Soils on Construction Sites [RD12]. The information generated will be used to better understand the nature of soils on site so that they can be managed appropriately. ~~a soil resource survey would be undertaken by the contractor prior to soil stripping and earthworks commencing. This information would be used to better understand the nature of soils on-site so that they can be managed appropriately and potential adverse effects upon them can be mitigated~~.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0201	Soils and Geology	Chapter D7, 7.4.21 (Application Reference Number: 6.4.7)	To reduce potential adverse effects on soil quality.	Good practice mitigation measures would be implemented during construction, following guidance on soil management such as the Construction Code of Practice for the Sustainable Use of Soils on Construction Sites [RD8]. These measures would include: • appropriate procedures for soil handling works, such as stopping works when soil moisture exceeds certain limits; • appropriate segregation of soils, including the segregation of topsoils and subsoils, as well as soils of distinctly different qualities, types or composition; • soils would be stockpiled using methods appropriate to the soil moisture conditions; • soil storage mounds would have slopes of 1 in 2 (approximately 25°) or less wherever practicable; • where soils would be stored for longer than 60 days, stockpiles would be seeded with an appropriate low-maintenance seed mix; • topsoils would be reinstated to depths recommended by guidance, i.e. 150–300mm for grassland and 150–400mm for woodland, and subsoil would be placed beneath topsoil; and • appropriate decompaction measures would be undertaken during reinstatement for topsoils, subsoils and their receiving substrates, including loosening with ripping equipment.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0202	Soils and Geology	Chapter D7, 7.4.25 (Application Reference Number: 6.4.7)	To reduce potential adverse effects on receptors of contamination due to pollution incidents.	Pollution prevention strategies would be implemented during operation in accordance with the section 11 of the Wylfa Newydd CoOP (Deadline 5, Rev 3). These aim to reduce the risk of accidental leaks and spills occurring, and to reduce any effects on receptors, should they occur.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 9	Good practice

0203	Soils and Geology	Chapter D7, table D7-9 (Application Reference Number: 6.4.7)	To reduce potential adverse effects on the Porth Wnal Dolerite Regionally Important Geodiversity Site resulting from construction of the cooling water outfall.	Bilingual information board(s) would be installed at Wylfa Head to highlight the importance of the geology of the area. The information board(s) would be erected prior to construction and would remain in place for at least the duration of construction.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 6	Additional
0204	Soils and Geology	Chapter D7, table D7-9 (Application Reference Number: 6.4.7)	To reduce potential adverse effects on the Porth Wnal Dolerite Regionally Important Geodiversity Site resulting from construction of the cooling water outfall.	Access would be granted to exposed cliff faces at Porth Wnal for geologists to study when and where practicable (subject to works and safety requirements).	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 9	Additional
0205	Soils and Geology	Chapter D7, table D7-9 (Application Reference Number: 6.4.7)	To reduce potential adverse effects on the Porth Wnal Dolerite Regionally Important Geodiversity Site resulting from construction of the cooling water outfall.	A LiDAR survey would be facilitated of existing cliffs within the vicinity of the Porth Wnal Dolerite RIGS prior to construction in that area to provide a detailed record of the site, thereby enhancing future study/understanding of the site and the part that would be damaged/lost.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 9	Additional
0206	Soils and Geology	Chapter D7, table D7-10 (Application Reference Number: 6.4.7)	To reduce potential adverse effects on the Porth Wnal Dolerite Regionally Important Geodiversity Site resulting from operation of the cooling water outfall.	Access would be granted to Porth Wnal for study by students/geologists to study as operations allow to retain the educational value of the Porth Wnal Dolerite RIGS as far as practicable.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 9	Additional
0207	Soils and Geology	Chapter D7, table D7-10 (Application Reference Number: 6.4.7)	To reduce potential adverse effects on the Porth Wnal Dolerite Regionally Important Geodiversity Site resulting from operation of the cooling water outfall.	The bilingual information boards at Wylfa Head highlighting the importance of the geology in the area would be left in place throughout operation.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 6	Additional

1115	Soils and Geology	Chapter D7-2, 8.2.2 (6.4.25) (APP-144)	Mitigation not previously secured in the DCO. Contamination excavation	Soils and Groundwater within APC7 - Sump/Valve Chamber Area All sump and valve chamber infrastructure and surrounding soils/made ground/superficial geology, identified as being contaminated and within a 5m radius and 1m depth greater than the base of the infrastructure (or to bedrock) will be excavated. Prior to excavation, remnant water/silt within the sump structure will be pumped out and removed from site for suitable disposal. Any groundwater ingress during the excavation works should be pumped and treated/disposed of off-site as appropriate. Excavated material not removed from site will be appropriately managed between excavation and placement within the landscape mounds. The material will be stored separately from natural soils to reduce the potential for cross-contamination. The sump and valve chamber infrastructure, and any impacted materials surrounding the structure, will be appropriately disposed of off-site. Any adjoining pipework (leading to the Existing Power Station) will be removed within the extents of the Wylfa Newydd Development Area and stopped off as agreed with the operators of the Existing Power Station. Soils, made ground and superficial geology excavated from the area immediately around the sump will be reused within the landscaped mounds, provided it is determined to be 'suitable for use' in accordance with the CL:AIRE Code of Practice (CL:AIRE, 2011). However, as a precaution, this material will be placed at a depth greater than 1m below finished ground levels	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 9	Additional
1116	Soils and Geology	Chapter D7-2, 8.2.3 (6.4.25) (APP-144)	Mitigation not previously secured in the DCO. Material impacted by hydrocarbons.	Soils and Groundwater within APC7 - OT613 Unless the works have been completed and verified previously; Any material visually impacted by hydrocarbons will be segregated and disposed of off-site. According to available laboratory analysis, material excavated from the area that is not visually impacted by hydrocarbons is potentially suitable for reuse within the landscaped mounds. Excavation will be undertaken within a 5m radius around the area where hydrocarbons have been identified and extended to bedrock, with all overlying made ground/soil/superficial geology removed for either disposal or reuse as appropriate. If visual or olfactory evidence of hydrocarbon contamination is encountered during remediation works, unexpected contamination procedures will be implemented. Appropriate protocols will ensure that the excavated material is appropriately managed between excavation and disposal or placement within the landscape mounds. The material will be stored separately from natural soils to reduce the potential for cross-contamination. If groundwater ingress occurs during the excavation works, the water will be observed for visual and olfactory indicators of contamination. If hydrocarbon contamination is recorded, the groundwater will be pumped and treated to achieve discharge criteria, or otherwise disposed of off-site.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 9	Additional
1117	Soils and Geology	Chapter D7-2, 8.2.4 (6.4.25) (APP-144)	Mitigation not previously secured in the DCO. Excavation of asbestos	Soils and Groundwater within APC7 - Area of Waste Material and Other Areas of Identified ACM-contaminated Made Ground Known asbestos hotspots, that would be subject to construction activities, will be excavated under the direct supervision of an Asbestos Specialist. Excavations will continue until all visible asbestos is removed, and appropriate verification testing will be undertaken to confirm remediation has been successful. The excavated material will be transported to a remediation compound established on-site where the material will be handpicked for visible asbestos fragments. Once processed, the material will be tested to confirm that it is below the 0.1% hazardous waste threshold on a weight for weight (w/w). Once confirmed, the material will be removed to a stockpile (located within the remediation compound) where it will be placed on a geomembrane, capped with a membrane and covered with inert material, where it will be stored prior to reuse within the core of the landscaped mounds. Shallow groundwater is not anticipated within the asbestos remediation areas; however, if groundwater ingress occurs during the excavation works, the water will be observed for visual and olfactory indicators of contamination. If contamination is observed, the groundwater will be pumped and treated to achieve discharge criteria, or otherwise disposed of off-site	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 9	Additional
1118	Soils and Geology	Chapter D7-2, 8.2.5 (6.4.25) (APP-144)	Free phase hydrocarbons.	Groundwater within APC9 − SMBH14 and BH858 Area Although there is an intermittent presence of free phase hydrocarbons and hydrocarbon exceedances in this area, it is considered that the conditions recorded do not warrant physical intervention, and the most appropriate action is to undertake appropriate baseline and construction phase monitoring to provide confirmation that contamination concentrations remain stable or are reducing.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 9	Additional
1119	Soils and Geology	Chapter D7-2, 8.2.7 (6.4.25) (APP-144)	Ground disturbance	APC6, APC7a and APC20 **Prio**r to any activities which would cause significant ground disturbance taking place, a suitable ground investigation will be undertaken to provide information on the nature and extent of any contamination present so that appropriate risk assessments can be undertaken and remediation actions (where required) identified. If a suitable ground investigation has already been undertaken, regard must be had to the results prior to any further activities which would cause significant ground disturbance.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 9	Additional
1166	Soils and Geology	Response to FWQs/WRs/LIRs	Contamination control	Surface run-off from car parks will pass through an oil interceptor prior to discharging to drains or watercourses.	Construction	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Additional
1167	Soils and Geology	Response to FWQs/WRs/LIRs	Foul outfalls	No new foul outfalls will be constructed through any designated/regionally important areas of geological importance.	Construction	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Additional
1168	Soils and Geology	Response to FWQs/WRs/LIRs	Protecting the RIGS	To mitigate the potential effects of excavations in the Cemaes Bay Regionally Important Geological Site, a proposed new surface water drainage discharge point will utilise the concrete channel of an existing discharge pipe as far as practicable. This will limit any excavations to the local geology.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 9	Additional

1169	Soils and Geology	Response to FWQs/WRs/LIRs	Suitably qualified and experienced personnel	Horizon will ensure that suitably qualified and experienced personnel are employed to supervise the management of soil resources during soil stripping, handling, storage and reinstatement so that soil quality is retained, as far as practicable. These personnel will have the qualifications and meet the applicable minimum competencies set out within "Document 4 – Soil Science in soil handling and restoration" of Working with Soil – The IPSS Professional Competency Scheme (British Society of Soil Science, 2018).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
1170	Soils and Geology	Response to FWQs/WRs/LIRs	Updated Pollution Prevention Guidance	Relevant guidance including the following GPP will be followed, including: • GPP 22: Dealing with spills	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
Volume D, Surface Water and Groundwater							
0208	Surface Water and Groundwater	Chapter D8, 8.4.16 (Application Reference Number: 6.4.8)	Reduction in groundwater quality or flows to Tre'r Gof SSSI.	A buffer zone around the Tre'r Gof SSSI would be put in place. This zone would be a minimum of 20m to the north and west adjacent to the Site Campus, a 50m buffer around the south of the SSSI, with approximately 100m on the SSSI's south-eastern and eastern sides where the most sensitive areas within the SSSI have been identified. Although there would be some work inside the buffer this would be limited to the installation of drainage on the northern side of the SSSI associated with the Site Campus and drainage around the south, east and north-east of the SSSI to manage runoff from the landscape mounds. The drainage around the northern side of the SSSI would seek to maintain the shallow groundwater flow to the SSSI.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Embedded
0209	Surface Water and Groundwater	Chapter D8, 8.4.17 (Application Reference Number: 6.4.8)	Reduction in groundwater quality or flows to Tre'r Gof SSSI.	The drainage design has incorporated the following features for the Tre'r Gof SSSI: • The use of a permeable drainage blanket made up of inert rock material beneath the Mound A to the south and east of the Tre'r Gof SSSI. This will allow the shallow groundwater and surface water runoff flowing from the south and east of Mound A to flow under the mound into the SSSI as it currently does. The use of inert rock will seek to ensure that the shallow groundwater chemistry does not change appreciably from the baseline conditions. • The use of overflow pipes at intervals in the drainage ditch to the north and west of Mound A. This will mean that during times of higher rainfall, water will flow from the ditch to the ground adjacent to the drain, allowing overland flow to the Tre'r Gof SSSI to be maintained. Monitoring and control weirs in the overflow pipes will be used to control the flow to the SSSI. • The drainage system has been designed to incorporate as much flexibility as possible so that changes can be made to drainage water treatment and to the volume of water being released to various discharge points during the construction period.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0210	Surface Water and Groundwater	Chapter D8, 8.4.18 (Application Reference Number: 6.4.8)	Alterations to surface water catchments.	The landscape mounding has been designed to avoid changes in catchment boundaries as far as practicable. The designs have reduced the potential for changes in baseline flow in watercourses around the mounds by trying to keep the runoff volume the same.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
~~0211~~	~~Surface Water and Groundwater~~	~~Chapter D8, 8.4.19 (Application Reference Number: 6.4.8)~~	~~Reduction in surface water and groundwater quality, and impacts on fluvial geomorphology.~~	Superseded by the new Requirement on preparation and submission of an Overarching Construction Drainage Scheme for WNDA, see measure 1175 ~~Appropriate drainage would be installed on-site prior to main construction to manage run-off. This would include sediment settlement ponds and appropriate treatment to manage flows and meet water quality thresholds (Environmental Quality Standards). An application would be made for an Environmental Permit which would set limits on the concentrations of substances which could be discharged to protect the receiving surface water.~~	~~Construction~~	~~Phasing Strategy (Deadline 5, Rev 3) and Main Power Station Site Sub-CoCP (Deadline 5, Rev 3)~~	~~Embedded~~
0212	Surface Water and Groundwater	Chapter D8, 8.4.20 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality, and impacts on fluvial geomorphology.	Surface water runoff from exposed topsoil during construction and later from the newly formed landscape mounds will be managed by a treatment train of sustainable drainage system (SuDS) features, as detailed in appendix D8-8 (Application Reference Number: 6.4.33). Sediment settlement ponds would be used in conjunction with other measures including silt traps, silt curtains, silt fences and vegetated channels. Ditches would be constructed around the base of the landscape mounds to allow flows to be captured and discharged to the drainage system. The discharge limit for suspended solids for each discharge point would be set in the construction Environmental Permit with the limit set based on baseline conditions so that there would be no significant effect on the receiving water. The design has been prepared to meet a minimum treatment standard of between 40mg/l and 70mg/l total suspended solids (depending upon the background concentration in the receiving watercourse) during normal rainfall conditions. Chemical dosing may be required during the construction stage if there is insufficient settlement of solids in the settlement ponds (e.g. due to high flow rates).	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 10	Embedded
0213	Surface Water and Groundwater	Chapter D8, 8.4.24 (Application Reference Number: 6.4.8).	Effects on Tr'er Gof SSSI resulting from reduced surface water quality or flows.	The Site Campus would be constructed in a phased manner. The first construction would be to the northwest of, and as far as practicable from, the Tre'r Gof SSSI. As on-site accommodation increases, then construction would come closer to the Tre'r Gof SSSI. As set out in the Design and Access Statement for the Site Campus (Deadline 4, Rev 3), all surface water during construction of the Site Campus will run into a drainage channel to the east and west and discharge into attenuation ponds, to allow appropriate sedimentation control. After each phase of Site Campus construction, surface water drainage from the completed elements of the Site Campus will either run into the ground around the site, or into surface water channels to the east of the site. Discharges to the west will be taken to the outfall currently used by the foul water treatment plant. Drainage design for operation of the Site Campus will include attenuation of discharge to surface water (e.g. geocellular attenuation tank), and recharge of storm water runoff (e.g. via infiltration trenches, reno mattress, swales), in order to reduce potential hydrological effects on the SSSI arising from surface water flows.	Construction	Design and Access Statement Volume 3 – Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0214	Surface Water and Groundwater	Chapter D8, 8.4.25 (Application Reference Number: 6.4.8)	Reduction in groundwater quality.	Water would be pumped from the car park runoff system to a recharge trench along the boundary with Cae Gwyn SSSI.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 10	Embedded

0215	Surface Water and Groundwater	Chapter D8, 8.4.26 (Application Reference Number: 6.4.8)	Reduction in groundwater quality.	Oil interceptors would be provided to areas of hardstanding where there is a potential risk from oil/fuel contamination (e.g. at car parking areas).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Embedded
0216	Surface Water and Groundwater	Chapter D8, 8.4.27 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality, and increase in flood risk.	Appropriate construction drainage will be installed prior to construction of the Spent Fuel Store, including any necessary treatment of runoff water prior to discharge. Detailed construction drainage will be designed to prevent any increases in flood risk to off-site receptors through the inclusion of appropriate attenuation.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0217	Surface Water and Groundwater	Chapter D8, 8.4.28 (Application Reference Number: 6.4.8)	Reduction in surface and groundwater flows, and increases to flood risk off-site.	Horizon will develop a passive engineered drainage system by completion of construction as set out in the Landscape and Habitat Management Strategy (Deadline 5, Rev 3). Such drainage system will be managed in relation to sensitive ecological receptors and incorporate appropriate attenuation to prevent any increases to flood risk offsite and reduce significant effects on water availability.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0218	Surface Water and Groundwater	Chapter D8, 8.4.29 (Application Reference Number: 6.4.8)	Reduction in surface water quality and increase in flood risk.	Surface water drainage will discharge to the sea, subject to qualitative and quantitative control measures set in an Environmental Permit authorising the discharge	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3) Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Embedded
0219	Surface Water and Groundwater	Chapter D8, 8.4.30 (Application Reference Number: 6.4.8)	Reduction in surface and groundwater quality and flows, impacts on fluvial geomorphology and increases in flood risk.	Horizon will comply with relevant legislation (including, but not limited to, the Water Resources Act 1991, the Environmental Permitting Regulations 2016 and the Land Drainage Act 1991 (as amended)), as set out in the water management strategy of the Wylfa Newydd CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0220	Surface Water and Groundwater	Chapter D8, 8.4.31 (Application Reference Number: 6.4.8)	Reduction in surface and groundwater quality and flows, impacts on fluvial geomorphology and increases in flood risk.	Horizon will implement working methods to protect surface water and groundwater from pollution and other adverse impacts, including changes to flow, flood storage volume, water levels and water quality as set out in the water management strategy of the Wylfa Newydd CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0221	Surface Water and Groundwater	Chapter D8, 8.4.32 (Application Reference Number: 6.4.8)	Reduction in surface and groundwater quality and flows, impacts on fluvial geomorphology and increases in flood risk.	Construction Industry Research and Information Association (CIRIA) Guidance will be adopted as appropriate from the following publications: • Environmental Handbook for Building and Civil Engineering Projects (3 Parts: C512, C528 and C529). [RD9] [RD10] [RD11] • Control of water pollution from construction sites. Guidance for consultants and contractors (C532) [RD12] • Environmental good practice on site guide (fourth edition) (C741) [RD13]. • Land use management effects on flood flows and sediment – guidance on prediction (C719D) [RD14]. • The SuDS Manual (C753) [RD15]. • Development and flood risk – guidance for the construction industry (C624) [RD16]. • Culvert Design and Operating Guide (C689) [RD17].	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0222	Surface Water and Groundwater	Chapter D8, 8.4.34 (Application Reference Number: 6.4.8)	Reduction in surface water quality and impacts on fluvial geomorphology.	In line with CIRIA Guidance C741, Environmental Good Practice on Site Guide [RD13], buffer zones will be established adjacent to watercourses. Requirements for buffer zones for specific surface water receptors are set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice

0223	Surface Water and Groundwater	Chapter D8, 8.4.35 (Application Reference Number: 6.4.8) Response to FWQs/ WRs/LIRs	Reduction in surface water quality and impacts on fluvial geomorphology.	To protect surface waters, suitably demarcated buffer zones will be established adjacent to the following watercourses that have been identified as potentially most affected, as set out in the Main Power Station Site sub-CoCP (Deadline 5, Rev 3): • A 15m buffer zone along the Nant Cemlyn and Nant Cemaes where the watercourses cross the Wylfa Newydd Development Area. • A 15m buffer around watercourses draining into the Tre'r Gof SSSI. • A 15m buffer zone along the Afon Cafnan and its main tributary (Nant Caerdegog Isaf). For the watercourse realignment on the Nant Caerdegog Isaf, a risk assessment approach will be undertaken with relevant detailed design, approval and consents for works from NRW. Where unavoidable small scale works are identified as being required within watercourse buffer zones, detailed methodologies and risk assessments will be developed by Horizon that ensure those works can be undertaken without adversely affecting the designated areas or their special interest features.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0224	Surface Water and Groundwater	Chapter D8, 8.4.37 (Application Reference Number: 6.4.8)	Reduction in surface water quality and impacts on fluvial geomorphology.	Horizon will carry out a risk assessment for all works within surface water buffer zones, including but not limited to, vegetation management adjacent to watercourses, construction of bridges and drainage outfalls. Furthermore, a risk assessment will be undertaken for use of any cementitious materials within 50m of any active watercourse. Appropriate controls, proportionate to the level of risk identified, will be applied to the works.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0225	Surface Water and Groundwater	Chapter D8, 8.4.38 (Application Reference Number: 6.4.8)	Reduction in surface water quality and impacts on fluvial geomorphology.	Adequate drainage systems will be installed prior to construction works with appropriate treatment prior to discharge. This will include sediment treatment and the inclusion of oil separators where necessary. The drainage system will be appropriately maintained throughout the works such that it remains efficient, sediment would go to sediment lagoons.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0226	Surface Water and Groundwater	Chapter D8, 8.4.39 (Application Reference Number: 6.4.8)	Reduction in surface water quality and impacts on fluvial geomorphology.	Measures will be taken to prevent the deposition of silt or other material arising from work operations in existing watercourses or catchment areas. The measures will accord with the principles set out in industry guidelines, including the NRW's Works and maintenance in or near or water: Guidance for pollution prevention (GPP) 5 [RD25]. Measures include use and maintenance of temporary lagoons, tanks, bunds, silt fences or silt screens, as well as consideration of the type of plant used and the time of year for working in watercourses.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0227	Surface Water and Groundwater	Chapter D8, 8.4.40 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality, and impacts on fluvial geomorphology.	As set out in the Wylfa Newydd CoCP (Application Reference Number 8.6) the following guidance will be followed: • Understanding your environmental responsibilities – good environmental practices: Pollution Prevention Guidelines (PPG) 1 [RD18]. This general guidance includes elements of relevance to surface water and groundwater that will be applied across the Wylfa Newydd Development Area, including details on understanding what is required to protect the environment, making a drainage plan, understanding and maintaining treatment facilities, chemical storage and spill avoidance, and flood risk. More detail is provided on certain aspects in other PPGs or GPPs. • Working at construction and demolition sites: PPG 6 [RD19]. With regard to the water environment and controls that will be applied across the Wylfa Newydd Development Area, this PPG provides guidance regarding understanding and management of drainage, excavations, controlling risks from stockpiles and exposed ground, storage and use of cement and concrete, land contamination and chemical storage and use. The PPG contains a number of checklists of activities that will be used as the basis for managing pollution risks across the Wylfa Newydd Development Area. • Vehicle washing and cleaning: GPP 13 [RD20]. This GPP will be applied to vehicle washing across the Wylfa Newydd Development Area. It details the importance of understanding drainage and having a drainage plan, water treatment, management of cleaning chemicals and disposal of wash effluent. The types of controls that would be used include having a drainage plan and only washing vehicles in controlled areas, and not on bare ground. • Dewatering underground ducts and chambers: GPP 20 [RD21]. This GPP would be applied to dewatering activities across the Wylfa Newydd Development Area and in particular the options for water management and control of silt. The GPP also outlines the control of oil and chemicals. The types of controls that would be used include use of oil / water separators on any discharges at risk from oil contamination and avoiding disturbance of silt during pumping. • Pollution incident response planning: GPP 21 [RD22]. This guidance would be used as the basis for developing an incident response plan for construction activities, including risks assessment, contacts, chemical inventory, drainage plans, training and waste management. • Safe storage – drums and intermediate bulk containers: PPG 26 [RD23]. This guidance, which is applicable to storage up to 1000l, would be used as part of pollution prevention activities across the Wylfa Newydd Development Area. In particular, the guidance on storage, secondary containment and spill response would be implemented.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0228	Surface Water and Groundwater	Chapter D8, 8.4.41 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality, and impacts on fluvial geomorphology.	Horizon's management of construction activities would be updated by NRW's GPPs as they are made available, replacing PPGs in time.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0229	Surface Water and Groundwater	Chapter D8, 8.4.42 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality, and impacts on fluvial geomorphology.	Measures would be taken with regard to any works within a watercourse to restrict the release of suspended sediment and solids into the water column as far as practicable.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice

0230	Surface Water and Groundwater	Chapter D8, 8.4.43 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality and flows, and impacts on fluvial geomorphology.	As set out in the water management strategy of the Wylfa Newydd CoCP (Deadline 5, Rev 3), where practicable, sustainable methods will be utilised for discharges including site drainage, surface runoff and dewatering discharges.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0231	Surface Water and Groundwater	Chapter D8, 8.4.44 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality and flows, and impacts on fluvial geomorphology.	Horizon will ensure runoff is managed appropriately, according to the controls within the Wylfa Newydd CoCP (Deadline 5, Rev 3) and Main Power Station Site sub-CoCP (Application Reference Number 8.7) as well as any permits or other relevant approvals being obtained. This will include use of sediment settlement ponds and other appropriate treatment to manage flows and meet water quality thresholds as per the findings of the Wylfa Newydd DCO Project Water Framework Directive Compliance Assessment.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0232	Surface Water and Groundwater	Chapter D8, 8.4.45 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality and flows, and impacts on fluvial geomorphology.	Horizon will ensure sufficient drainage is installed prior to topsoil strip or major works occurring in a particular area (including construction of site compounds) to comply with the requirements in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and the Main Power Station Site sub-CoCP (Application Reference Number 8.7).	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0233	Surface Water and Groundwater	Chapter D8, 8.4.46 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality and flows, and impacts on fluvial geomorphology.	As set out in the water management strategy of the Wylfa Newydd CoCP (Deadline 5, Rev 3), Horizon will ensure all relevant construction activities are managed within the limits of an obtained Environmental Permit, for example keeping within limits on the concentrations of substances to be discharged, as far as possible, to protect receiving surface waters.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0234	Surface Water and Groundwater	Chapter D8, 8.4.47 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality and flows, and impacts on fluvial geomorphology.	All temporary hardstanding (on non-foreshore sites), as far as is reasonably practicable, will incorporate permeable surfacing unless there is a risk of surface water or groundwater pollution from contaminants.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0235	Surface Water and Groundwater	Chapter D8, 8.4.48 (Application Reference Number: 6.4.8)	Reduction in groundwater quality.	Horizon will employ protective measures to control the risk of pollution to groundwater, which will, in particular, be consistent with the Environmental Permitting (England and Wales) Regulations 2016. Furthermore, as detailed in the Main Power Station Site sub-CoCP (Deadline 5, Rev 3), prior to, and during construction of the cooling water tunnels, quarterly monitoring would be undertaken. Where practicable, existing boreholes would be used. If the monitoring identifies that the proposed installation of the cooling water tunnels will lead to a statistically significant increase in contaminant levels compared to baseline, additional mitigation would be required and agreed with the regulator. Options could include (1) detailed quantitative risk assessment to provide further information on the risk posed by the changes in concentration (2) remediation of groundwater using an appropriate technique to reduce contaminants concentrations – the actual remedial option would be identified by a remediation options appraisal.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0236	Surface Water and Groundwater	Chapter D8, 8.4.49 (Application Reference Number: 6.4.8)	Reduction in surface water or groundwater quality.	Horizon will address the handling of material from excavations being a potential source of contamination. Horizon will ensure measures will be put in place to prevent contaminated runoff reaching open ground.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0237	Surface Water and Groundwater	Chapter D8, 8.4.50 (Application Reference Number: 6.4.8)	Reduction in groundwater quality.	Horizon will avoid using materials that could result in direct or indirect discharge of hazardous substances or non-hazardous pollutants to groundwater.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0238	Surface Water and Groundwater	Chapter D8, 8.4.51 (Application Reference Number: 6.4.8)	Increase in flood risk.	Horizon will ensure that flood risk is managed safely throughout the construction period and that all designs comply with the Flood Consequence Assessment (FCA) in appendix D8-4 (Application Reference Number: 6.4.29).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice

0239	Surface Water and Groundwater	Chapter D8, 8.4.52 (Application Reference Number: 6.4.8)	Increase in flood risk.	Horizon's flood risk compliance will be based upon a risk-based precautionary approach, using the source-pathway-receptor concept, drawing information from NRW's online flood warning advice [RD24], or other such reputable service as appropriate.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0240	Surface Water and Groundwater	Chapter D8, 8.4.53 (Application Reference Number: 6.4.8)	Adverse effects on Cae Gwyn SSSI associated with reduction in surface water or groundwater quality or flows.	As stated in the water management strategy of the Main Power Station Site sub-CoCP (Deadline 5, Rev 3), there will be no discharge of drainage from the construction areas to the Cae Gwyn SSSI.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0241	Surface Water and Groundwater	Chapter D8, 8.4.54 (Application Reference Number: 6.4.8)	Reduction in surface water quality and impacts on fluvial geomorphology.	Soils would be managed as set out in the waste and materials management strategy of the Wylfa Newydd CoCP (Deadline 5, Rev 3). As set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3), where soils would be stored for longer than 60 days, stockpiles will be seeded with an appropriate low-maintenance seed mix.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0242	Surface Water and Groundwater	Chapter D8, 8.4.55 (Application Reference Number: 6.4.8)	Reduction in surface water quality and impacts on fluvial geomorphology.	As shown in the air quality management strategy in the Main Power Station Site sub-CoCP (Deadline 5, Rev 3), hard surfaced haul routes would be damped down with fixed or mobile sprinkler systems, or mobile water bowsers, and cleaned regularly.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0243	Surface Water and Groundwater	Chapter D8, 8.4.55 (Application Reference Number: 6.4.8)	Reduction in surface water quality and impacts on fluvial geomorphology.	All sites across the Wylfa Newydd Development Area would implement a wheel washing system (with rumble grids to dislodge accumulated dust and mud prior to leaving the site).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0244	Surface Water and Groundwater	Chapter D8, 8.4.56 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality.	As set out in the water management strategy of the Wylfa Newydd CoCP (Deadline 5, Rev 3), Horizon will ensure that protection measures to control the risk of pollution to surface water are adopted, including the following: • All deemed requirements of the Environmental Permitting (England and Wales) Regulations 2016. • Any containers of contaminating substances on-site will be leak-proof and kept in a safe and secure building or compound from which they cannot leak, spill or be open to vandalism. The containers will be protected by temporary impermeable bunds (or drip trays for small containers) with a capacity of 110% of the maximum stored volume. Areas for transfer of contaminating substances (including refuelling areas) will be similarly protected and have appropriate spill kits. • In addition, any permanent oil storage tanks and temporary storage of over 200L of oil in drums and mobile bowsers, as well as ancillary pipe work, valves, filters, sight gauges and equipment will be stored within require secondary containment, e.g. bunding (Water Resources (Control of Pollution) (Oil Storage) (Wales) Regulations 2016) with a capacity of at least 110% of the maximum contents of the container's storage capacity . • No fuel, oil or chemical substances will be stored within 15m of a watercourse. • Above-ground pipework will be properly supported and underground pipework will be protected from physical damage and subject to adequate leakage detection. Mechanical joints on oil pipes would be inspectable. Oil and hydrocarbon underground pipes will not extend into the groundwater saturated zone without a risk assessment being undertaken.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0245	Surface Water and Groundwater	Chapter D8, 8.4.39 (Application Reference Number: 6.4.8)	Reduction in surface water quality and impacts on fluvial geomorphology.	As stated in the water management strategy of the Wylfa Newydd CoCP (Deadline 5, Rev 3), measures would be taken to prevent the deposition of silt or other material arising from work operations in existing watercourses or catchment areas. The measures will accord with the principles set out in industry guidelines, including the NRW's Works and maintenance in or near or water: GPP 5. Measures include use and maintenance of temporary lagoons, tanks, bunds, silt fences or silt screens, as well as consideration of the type of plant used and the time of year for working in watercourses. Appropriate measures will be taken to protect erodible earthwork surfaces, such as the use of sheeting.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0246	Surface Water and Groundwater	Chapter D8, 8.4.58 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality.	As stated in the water management strategy of the Wylfa Newydd CoCP (Deadline 5, Rev 3): • All refuelling, oiling and greasing would take place above drip trays or on impermeable surfaces (e.g. plant nappy) with sealed drainage and an oil interceptor, which provides protection to underground strata and watercourses, and away from drains as far as is reasonably practicable. Vehicles and plant would not be left unattended during refuelling. Appropriate spill kits would be easily accessible during these activities. • All construction equipment and vehicles will be maintained in line with manufacturer's instructions to ensure it is in good working order. Should any oil or fuel leaks occur, corrective action will be taken. • Drip trays will be placed below static mechanical plant. • All washing-down of vehicles (including wheel washing) and equipment will take place in designated areas and wash water will be prevented from passing untreated into watercourses and groundwater in accordance with the NRW's GPP 13 [RD20] and subject to Environmental Permit requirements if discharged to controlled waters. • NRW's GPP 5 [RD25] will be followed when carrying out maintenance of structures over water. Where practicable, only biodegradable hydraulic oils will be used in equipment working in or over watercourses. • Appropriate measures will be taken to protect erodible earthwork surfaces.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice

0247	Surface Water and Groundwater	Chapter D8, 8.4.59 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality.	As stated in the water management strategy of the Main Power Station Site sub-CoCP (Deadline 5, Rev 3), water used in the concrete batching plant for plant wash-down, cleaning and other similar activities will be recycled where possible (estimated to be 90% of the water used). Any excess water shall be tankered off-site for treatment and disposal at a permitted waste facility.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), , Chapter 10	Good practice
0248	Surface Water and Groundwater	Chapter D8, 8.4.60 and 8.4.61 (Application Reference Number: 6.4.8)	Reduction in surface water quality and impacts on fluvial geomorphology.	As stated in the water management strategy of the Main Power Station Site sub-CoCP (Deadline 5, Rev 3), for the watercourse realignment works on the Nant Caerdegog Isaf, a risk assessment will The watercourse realignment will be constructed using techniques to control sediment release. These may include: • leaving a minimum 2m 'plug' of uncut channel at either end of the new channel until all work is completed and the realigned section is ready to be connected to the existing stream; • completing all works along the bank of the new channel prior to connecting to the existing channel; • using plant with a low ground bearing pressure to avoid damage to newly dug banks; • completing any revegetation as early as possible to reduce the potential for sediment from bare areas moving into the completed channel; • compacting the stream bed sufficiently so that there is not substantial loose sediment to be entrained; • removing the 2m plug from the downstream end prior to the upstream end; • if flows are high, consider delaying connection; and • pump water from upstream of the connection to downstream prior to breaking through, with gradual cessation in pumping once the connection is made.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), , Chapter 10	Good practice
0249	Surface Water and Groundwater	Chapter D8, 8.4.67 (Application Reference Number: 6.4.8)	Reduction in fluvial surface water quality.	As stated in the Wylfa Newydd CoOP (Deadline 5, Rev 3), foul water discharge would be to existing DCWW Sewage Treatment Works and to on-site package treatment plants. Foul water would not be discharged to the fresh surface water environment.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 10	Embedded
0250	Surface Water and Groundwater	Chapter D8, 8.4.68 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality and flows, and increase in flood risk.	As set out in the Wylfa Newydd CoOP (Deadline 5, Rev 3), Horizon will develop a passive engineered drainage system by completion of construction as set out in the Landscape and Habitat Management Strategy.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 10	Embedded
0251	Surface Water and Groundwater	Chapter D8, 8.4.70 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality.	All fuel and chemical storage at the Power Station will be within engineered containment facilities, including (where appropriate) suitably bunded tanks, and will comply with the requirements of the Project's Environmental Permit(s). Any below-ground fuel storage tanks will comply with the Association for Petroleum and Explosives Administration's guidance including their 'Blue Book' and will meet the requirements of The Environment Agency's approach to groundwater protection (which has been adopted by NRW) [RD27]. Above-ground fuel storage of over 200l will comply with the Water Resources (Control of Pollution) (Oil Storage) (Wales) Regulations 2016.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 10	Good practice
0252	Surface Water and Groundwater	Chapter D8, 8.4.71 (Application Reference Number: 6.4.8)	Reduction in surface water quality and impacts on fluvial geomorphology.	At all sites, storage areas for fuel and chemicals will be located more than 15m away from watercourses, and protected to avoid damage by plant and vehicles.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 10	Good practice
0253	Surface Water and Groundwater	Chapter D8, 8.4.72 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality.	Operational pollution prevention controls will be defined at all sites and will include measures relating to: • the designation of refuelling areas and areas handling liquid chemicals; • operational controls around access to and use of refuelling and chemical storage facilities; • regular inspection and maintenance of fuel and chemical storage facilities and associated equipment, including oil interceptors; • spill response and clean-up procedures; • regular maintenance of any on-site sewage pipes, and any on-site treatment systems or related sewage infrastructure; • cleaning out of any sediment traps on the drainage system; and • regular inspection of the parking areas for fuel and oils	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 10	Good practice
0254	Surface Water and Groundwater	Chapter D8, 8.4.76 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality.	Landscaped areas outside of the Power Station Site, including landscape mounding and associated pasture and planting, will be retained, with no removal of topsoil, or major earthworks. Following decommissioning, no major restoration works would therefore be required to areas outside of the Power Station Site, because landscaping created during construction would not be affected by decommissioning works.	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Embedded
0255	Surface Water and Groundwater	Chapter D8, 8.4.77 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality.	Good practice mitigation to protect the surface water and groundwater environment would be largely the same as for the construction phase.	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice

0256	Surface Water and Groundwater	Chapter D8, 8.4.78 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality, and impacts on fluvial geomorphology.	The Power Station Site, once hardstanding has been removed, would incorporate appropriate drainage channels. These would be installed in parallel with the removal of the operational Power Station drainage whenever practicable.	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
0257	Surface Water and Groundwater	Chapter D8, 8.4.79 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality.	All reactor buildings will be sealed appropriately, for example, with concrete, according to relevant regulations at the time of decommissioning.	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
0258	Surface Water and Groundwater	Chapter D8, table D8-6 (Application Reference Number: 6.4.8)	Reduction in surface water quality.	Monitoring of the water environment will continue across the Wylfa Newydd Development Area up to the start of construction in order to improve the robustness of the baseline data. These monitoring data will then be used during detailed design to refine the drainage system to reduce potential effects on watercourse catchments in the Wylfa Newydd Development Area. Active management of the drainage system to include monitoring of every discharge point (a mixture of in situ sampling and laboratory analysis) and monitoring upstream and downstream of all outfall points to surface watercourses. Frequency will be a mix of continuous (using turbidity meters which will be calibrated to suspended solids concentrations), daily, weekly or monthly and dependent on the nature of the works and the weather (e.g. mounding would increase demands) but will continue into operation. Depending on the findings, additional mitigation may be required as agreed with the regulator. Options could include: (1) implementing dosing using polyelectrolytes, (2) installation of additional treatment capacity, (3) greater manual intervention/management of the system, (4) new drainage channels, (5) new pumping systems, (6) automated treatment and/or pumping systems. The drainage system has been designed to be as flexible as possible within the constraints of the current and future topography. This will allow changes to be made relatively easily and increase the potential for baseline conditions to be matched.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 10	Additional
0259	Surface Water and Groundwater	Chapter D8, table D8-6 (Application Reference Number: 6.4.8)	Risk of subsidence at Existing Power Station ancillary buildings and services due to drawdown caused by dewatering.	Pre-construction building surveys and monitoring will be undertaken during construction to determine need for further mitigation. Options for further mitigation, as appropriate, will be discussed and agreed with Magnox.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 10	Additional
0260	Surface Water and Groundwater	Chapter D8, table D8-6	Increase in flood depth at residential properties in Cemaes catchment.	The outline landform and drainage scheme would be revised at detailed design stage so as not to exacerbate any existing flood risk.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 10	Additional
0261	Surface Water and Groundwater	Chapter D8, table D8-7 (Application Reference Number: 6.4.8)	Alteration to surface water and groundwater flows.	Horizon will develop a passive engineered drainage system for the landform area. The system will match baseline conditions as closely as practicable, as part of the final landform design.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 10	Additional
0262	Surface Water and Groundwater	Chapter D8, table D8-8 (Application Reference Number: 6.4.8)	Groundwater flooding caused by removal of artificial drainage systems.	At decommissioning, monitoring will be undertaken for a period of two years to establish if groundwater flooding has the potential to occur. If following monitoring, potential for groundwater flooding is identified, land drains could be used to drain the groundwater to either the sea or local watercourses. Alternatively, if functional and appropriate, the existing drainage from the operational stage could be left in place.	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Additional
1120	Surface Water and Groundwater	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Flooding Risk at Cemaes	To prevent increase in flow of Nant Cemaes, the detailed design will consider options to increase infiltration, minimise catchment area increase from the change in landform, reducing flow path slopes and if necessary, provide further attenuation and divert flow to a different less sensitive discharge point.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded

1131	Surface Water and Groundwater	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Flooding Risk at Cemaes	To prevent increase in flow of Nant Cemaes, the detailed design will consider options to increase infiltration, minimise catchment area increase from the change in landform, reducing flow path slopes and if necessary, provide further attenuation and divert flow to a different less sensitive discharge point.	Operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
1171	Surface Water and Groundwater	Response to FWQs/WRs/LIRs	Flood Mitigation Action Plan	The flood mitigation action plan will be submitted to NRW for approval in advance of permanent elements of the Power Station and Off-Site Power Station Facilities becoming fully operational. The flood mitigation action plan will be reviewed and updated as deemed necessary in the event of changes to guidance or internal procedures.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 10	Additional
1172	Surface Water and Groundwater	Response to FWQs/WRs/LIRs	Flood Management measures	That appropriate details on flood management measures will be included in the Landscape and Habitat Management Schemes prepared for identified sites	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3), Chapter 10	Additional
1173	Surface Water and Groundwater	New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/WRs/LIRs	Trer Gof Groundwater - monitoring	Appropriate monitoring will be undertaken to determine if there is an effect on Tre'r Gof SSSI from dewatering and mounding activities. The monitoring will include continuous water level monitoring at selected groundwater monitoring boreholes with monthly or quarterly water level dips at others and quarterly water quality monitoring. Where practicable, existing boreholes would be used, although it is recognised that many of these will be lost during the construction works and some replacements may be required. The monitoring would include continuous monitoring of existing piezometers in Tre'r Gof and will build upon the existing baseline dating from June 2011. [after existing text for Cae Gwynn] If groundwater monitoring identifies an effect on the qualifying groundwater dependent terrestrial ecosystems (GWDTE) at Tre'r Gof, additional mitigation options could include: i. controlling water loss from the site via the underground culvert at VN5 during critical periods, to avoid the drying and oxidation of the peat body. ii. Construction methodologies to reduce groundwater ingress to the Cooling water tunnels, e.g. by grouting major inflow fractures iii. recharging groundwater, particularly in areas potentially affected by dewatering during the construction period. • The monitoring and mitigation will be Integrated with the wider adaptive water management mitigation within the Tre'r Gof catchment. • The monitoring and mitigation process will be overseen by Hydrological and Ecological Clerks of Works employed throughout construction process.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 10	Additional
1174	Surface Water and Groundwater	New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/WRs/LIRs	Trer Gof Groundwater - monitoring	The cooling water tunnels will be lined post construction within the Tre'r gof catchment such that there will be no ingress or loss of water from the tunnel.	Construction	Construction Method Statement (Deadline 5, Rev 2)	Additional

1175	Surface Water and Groundwater	New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/WRs/LIRs	Overarching Construction Drainage Scheme	Prior to commencement of works within the WNDA (excluding Site Preparation and Clearance Works) Horizon will prepare and submit for approval an Overarching Construction Drainage Scheme for the WNDA . The scheme will be prepared in accordance with the drainage principles in the Wylfa Newydd COCP and the Main Power Station Site sub-CoCP, as well as the drainage principles and plans contained in section 6 of the LHMS. The scheme will provide the following details: • Drainage plans incorporating buffer zones; • Commitment to working practices guided by GPP5; • Tables of flow rates; and • Tables of storage/ attenuation volumes. The scheme submitted would not detail water quality standards as these will be secured through an Environmental Permit application. Prior to the commencement of each phase of construction on the WNDA, Horizon will prepare a separate Construction Drainage Scheme for that phase in accordance with the approved Overarching Construction Drainage Scheme. These phased schemes will be implemented for the duration of the construction of that phase. The outline landform and drainage plan would be revised at detailed design stage so as not to exacerbate any existing flood risk at Cemaes	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Additional
Volume D, Terrestrial and freshwater ecology							
0263	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.18 (Application Reference Number: 6.4.9)	Potential adverse effects on Tre'r Gof SSSI and Cae Gwyn SSSI from changes in surface water and groundwater as a result of Main Construction.	The drainage design detailed in the Landscape and Habitat Management Strategy (Deadline 5, Rev 3) would reduce potential effects on receiving water bodies and ecological receptors, most notably the Tre'r Gof SSSI and the Cae Gwyn SSSI. Full details are provided in chapter D8 (Application Reference Number: 6.4.8) and appendix D8-8 Summary of preliminary design for construction surface water drainage (Application Reference Number: 6.4.33). Drainage from the construction areas and the landscape mounding works would be via sediment settlement lagoons and other water treatment facilities as required, to reduce total suspended solids concentrations to below 70mg/l during a 1 in 1-year storm event; final discharge standards would be implemented in accordance with the approved Environmental Permit.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0264	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.19 (Application Reference Number: 6.4.9)	Potential adverse effects on Tre'r Gof SSSI from changes in surface water and groundwater as a result of Main Construction.	• The use of a permeable drainage blanket made up of inert rock material beneath Mound A to the south and east of the Tre'r Gof SSSI. This would allow the shallow groundwater and surface water runoff flowing from the south and east of Mound A to flow under the mound into the SSSI as it currently does. The use of inert rock would seek to ensure that the shallow groundwater chemistry did not change appreciably from the baseline conditions. • The use of overflow pipes at intervals in the drainage ditch to the north and west of Mound A. This would mean that during times of higher rainfall, water would flow from the ditch to the ground adjacent to the drain, allowing overland flow to the SSSI to be maintained. Monitoring and control weirs in the overflow pipes would be used to control the flow to the SSSI. • The drainage system has been designed to incorporate as much flexibility as possible so that changes can be made to drainage water treatment and to the volume of water being released at various discharge points during the construction period.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0265	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.20 (Application Reference Number: 6.4.9)	Potential adverse effects on noise-sensitive ecological receptor from noise/vibration disturbance.	In choosing the location of compounds, the distance to noise-sensitive receptors (e.g. bat barns, chough nesting sites) has been taken into account so that stand-off distances between noise sources and receptors are increased as far as reasonably practicable.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Embedded
0266	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.21 (Application Reference Number: 6.4.9)	Potential adverse effects in terms of habitat loss/degradation, and fragmentation, resulting from the watercourse realignment.	The watercourse realignment (see figure D9-6 (Application Reference Number: 6.4.101) and the Landscape and Habitat Management Strategy (Deadline 5, Rev 3)) has been designed to provide habitats of greater value than the existing section by improving sinuosity and enhanced riparian planting. The phasing would allow maturation so that there would be no habitat fragmentation caused by the stream realignment.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0267	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.22 (Application Reference Number: 6.4.9)	Net loss in terrestrial and freshwater habitat and a deterioration in overall value of these receptors.	Areas within the Wylfa Newydd Development Area not required as hardstanding following Main Construction would be landscaped and restored to an appropriate land use and, wherever practicable, to an enhanced ecological condition to that prior to construction. These landscaped and restored areas would be planted with native species and species-rich hedgerows. An additional area of approximately 40ha will be provided for biodiversity habitats, which was previously set aside for agricultural use	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded

0268	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.23 (Application Reference Number: 6.4.9) Clarification	Pollution of surface water and/or groundwater and the resulting effects on sensitive ecological receptors.	Foul water discharge will be from two outfalls, one located at the northern end of the western breakwater and the other to the west of Wylfa Head (within the vicinity, or as part, of the existing Dŵr Cymru Welsh Water outfall). Foul water discharge limits for suspended solids, biological oxygen demand, ammoniacal nitrogen and flow rate would be set in the construction Environmental Permit issued and regulated by NRW. Foul water discharge will undergo secondary treatment with maximum suspended solids levels being at 30mg/l. Foul water will not be discharged to the surface water environment. ~~Foul water discharge would be to an existing Dwr Cymru Welsh Water sewage treatment works and to on site package treatment plants. Foul water would not be discharged to the surface water environment.~~	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 10 and Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 10	Embedded
0269	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.25 (Application Reference Number: 6.4.9)	Compliance with all relevant legislation and policy relating to protected species, and update of baseline information.	Pre-construction surveys would be completed before works affecting habitats potentially suitable for protected species, and where the results of baseline surveys require updating. This would be in accordance with the Ecology and Landscape Management Strategy in the Main Power Station Site sub-CoCP (Deadline 5, Rev 3). Pre-construction surveys would inform the need for and/or the detail contained within protected species licence applications. The results would also inform construction decisions e.g. the micro-siting of ditch crossings to avoid water vole burrows. The provision of up to date (season before impact) information is standard practice for developments. Pre-construction surveys will be completed for the following protected species: 1.Red squirrel 2.Bats 3.Water vole 4.Otter 5.Great Crested Newts	Pre-construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11, Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11, DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
0270	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.26, 9.4.27 (Application Reference Number: 6.4.9)	Compliance with all relevant legislation relating to protected species.	Provision of draft mitigation licence applications for great crested newt (GCN) (Application Reference Number: 6.4.54), and bats (Application Reference Number: 6.4.53); and draft a conservation licence application for water vole (Application Reference Number: 6.4.52) to demonstrate the Wylfa Newydd Project is able to ensure no detriment to the maintenance of the favourable conservation status of GCN and bats within their natural range, and that there is a local conservation benefit for water vole.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0271	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.28 (Application Reference Number: 6.4.9)	Inadequacy of proposed protected species mitigation, Chough Habitat Management Response to FWQs/WRs/LIRs	Monitoring would be undertaken of species translocations, habitat creation and work undertaken as part of a protected species licence to assess efficacy of mitigation provided (including chough habitat management), ~~such as chough habitat enhancement~~ . Monitoring commitments will be undertaken in line with the requirements of the relevant protected species licence. ~~In relation to the Wylfa Newydd Development Area, this is likely to be no greater than 2yrs of monitoring, according to the relevant guidance, although monitoring commitments would be undertaken in line with the requirements of the relevant protected species licence.~~	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Good practice
0272	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.29 (Application Reference Number: 6.4.9)	Potential adverse effects on Tre'r Gof SSSI and Cae Gwyn SSSI as a result of Main Construction activities.	Provision of buffer zones around the designated sites. Where practicable, no storage areas, vegetation clearance or construction would take place within the SSSI buffer zones. Where unavoidable small scale work is required to be undertaken within SSSI buffer zones, detailed methodologies and risk assessments would be developed by Horizon to ensure those works can be undertaken without adversely affecting the designated areas or their interest features. Methodologies and risk assessments for the small scale works would be agreed with NRW prior to commencement. Small scale works might consist of appropriate types of fencing, vegetation management, or monitoring surveys. The buffer zones are outlined below. • For the north and west of the Tre'r Gof SSSI adjacent to the Site Campus, the buffer zone would be 20m. • To the south of the Tre'r Gof SSSI, the buffer zone would be 50m. • For the more sensitive eastern end of the Tre'r Gof SSSI, the buffer zone would be 100m. • At the Cae Gwyn SSSI, there would be a 15m buffer zone along the boundary ditch of the SSSI, separating construction activities from the designated habitats.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0273	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.29 (Application Reference Number: 6.4.9)	Potential adverse effects on bat barns from sources of noise/vibration	Buffers around bat barns would be a minimum of 10m. Appropriate planting within this zone is required. This will be a hard buffer, with no works within it. The screening along the buffer zone will be proportionate to the potential noise and disturbance effects anticipated. Construction activities in areas adjacent to the buffer will reduce noise and visual disturbance, as far as practicable. These requirements apply to the two existing bat barns as well as the two barns currently under construction.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0274	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.30 (Application Reference Number: 6.4.9)	Potential adverse effects on Tre'r Gof SSSI, Cae Gwyn SSSI, freshwater habitats and associated receptors.	The Surface Water and Groundwater Management Strategy in the Main Power Station Site sub-CoCP (Deadline 5, Rev 3) sets out the overarching pollution management principles to be applied throughout the construction period. Good practice mitigation during construction would include guidance on pollution control and relevant Construction Industry Research and Information Association (CIRIA) guidance on good construction practice.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 10 and Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0275	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.31 (Application Reference Number: 6.4.9)	Pollution/degradation of watercourses during Main Construction.	Buffer zones would be established adjacent to watercourses to protect them and associated receptors (e.g. bats, water vole, otter, fish, freshwater habitats) from the effects of water quality change and disturbance arising through construction activity.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 10	Good practice

0276	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.35 (Application Reference Number: 6.4.9)	Potential adverse effects resulting from the release of fugitive dust and air pollutant emissions on sensitive ecology receptors.	Appropriate standards and measures regarding dust and air quality management would be adhered to, including measures such as dust suppression on haul roads and implementation of appropriate controls on emissions from construction plant. All buildings would be soft-stripped before demolition (retaining walls and windows in the rest of the building where possible, to provide a screen against dust).	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 7, 8 and Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7, 9, 11	Good practice
0277	Terrestrial and Freshwater Ecology	Chapter D9, table D9-10 (Application Reference Number: 6.4.9)	Potential adverse effects resulting from the release of fugitive dust and air pollutant emissions on sensitive ecology receptors.	Oxides of nitrogen/nitrogen dioxide (NOx/NO2) emissions management. Monitoring and reporting of oxides of nitrogen/nitrogen dioxide (NOx/NO2) emissions will be implemented during construction. This will include a number of measures to achieve compliance with the appropriate environmental standard A non-Road Mobile Machinery (NRMM) fleet mix will include newer plant complying with the EU Stage IV emission standards for NRMM (EC Directive 97/68/EC) (i.e. plant generally manufactured after 2014), which emit 80% less NOx than Stage IIIB plant Horizon will implement the following: 1. a minimum of 90% of NRMM to meet EU Stage IV emissions standards; and 2. a maximum of 10% of NRMM to meet EU Stage IIIB emission standards.. 3. relevant marine vessels undertaking the Marine Works to comply with the International Maritime Organisation MARPOL Annex VI Tier III NOx emission limits ~~An air quality monitoring and reporting scheme would be developed by Horizon in discussion with the IACC and NRW, including agreement of thresholds and additional achievement criteria to ensure compliance with the appropriate environmental standards.~~	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 7 and Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7	Additional
0278	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.36 (Application Reference Number: 6.4.9)	Potential adverse effects resulting from the release of fugitive dust on Tre'r Gof SSSI and Cae Gwyn SSSI.	Dust deposition monitoring to directly determine if dust soiling is causing significant effects to the vegetation within each site and identify if further action is required to prevent further dust deposition or damage to the vegetation. This would be achieved via additional mitigation, management within areas under Horizon control or alteration of the dust causing activities.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0279	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.37 (Application Reference Number: 6.4.9) New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/ WRs/LIRs	Direct effects from Main Construction on various ecological receptors.	Horizon has always employed an Environmental Management Team appropriate to the site activities of the Wylfa Newydd Project. During construction, the Environmental Management Team will ensure that the procedures and controls in this CoCP and sub-CoCPs are followed. The Environmental Management Team will be made of up of a range of technical specialists (which will include the Ecological Clerk of Works and equivalent suitably qualified and experienced persons) appropriate to the ongoing work activities. As part of its Environmental Management Team, Horizon will employ suitably qualified and experienced ecologists (referred to in this document and sub-CoCPs as ecological clerk of works (ECoW)) to carry out site supervision works during activities that affect sensitive habitats and species to ensure that the procedures and controls in this CoCP and sub-CoCPs are followed. The ECoW will monitor that the works proceed in accordance with good practice guidance and adhere to the mitigation measures as outlined within chapter D9 (Application Reference Number: 6.4.9). The ECoW team will be in place to identify any new ecological constraints on site arising during construction. These will be dealt with following appropriate best practice guidance and, where required due to legal protection and licencing requirements, liaison with NRW. The ECoW team will provide professional ecological support associated with construction (or other works) site supervision, be it vegetation clearance or ensuring the adherence to specific working methodologies during other activities. Where necessary, specialist ECoWs may be required for specialist activities (e.g. NRW licenced bat workers or electrofishing specialists). The ECoW will report any ecological issues to the Site Director via the site management organisation and will have the power to halt relevant works activities or intervene where there is a reasonable likelihood of a breach of Requirements or legislation. Where there is a high and imminent risk of a breach, halting of relevant works activities (or intervention as appropriate) will occur immediately after such works have been made safe. The duties will also include: - Providing toolbox talks - Raising ecological awareness - Inspecting wildlife exclusion / habitat protection fencing	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice

0280	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.39 (Application Reference Number: 6.4.9)	Disturbance to nesting birds/destruction of nest, eggs and chicks. Disturbance to notable mammals, amphibians and reptiles during sensitive periods within their lifecycle.	Where practicable, hedges and scrub with the potential to support bird nests would not be removed during the breeding bird season (March to August inclusive). If it was not possible to avoid the breeding bird season, works would be supervised by an ECoW, with appropriate protection measures put in place should active nests be found. These would include exclusion zones around active nests until chicks had fledged or nests become inactive as determined by monitoring by the ECoW. Habitat with the potential to support hibernating reptiles, amphibians and hedgehogs would not be removed between November and March without supervision by the ECoW.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0281	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.39 (Application Reference Number: 6.4.9)	Disturbance to notable mammals, during sensitive periods within their lifecycle.	An ECoW would supervise clearance of habitats with high potential to support juvenile or pregnant brown hare and hedgehog in February and September (respectively).	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0282	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.39 (Application Reference Number: 6.4.9)	Destruction of / disturbance to active red squirrel dreys.	If pre-construction surveys confirm the presence of active red squirrel dreys within, or immediately adjacent to trees that would be felled, felling works would be delayed to avoid the period when pre-weaned young are present (potentially mid-February to mid-September).	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0283	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.40 (Application Reference Number: 6.4.9)	Disturbance of Schedule 1 species birds.	• Habitats with the potential for use by Schedule 1 bird species will be identified and surveyed by the ECoW prior to site clearance. • In the event that a Schedule 1 bird species is found during the nesting season, NRW will be consulted in order to identify and agree appropriate measures to be undertaken in respect of that species. • Should a Schedule 1 species be discovered within an area to be disturbed, Horizon would implement the general measures set out above for birds with the added requirement that any Schedule 1 species or its dependent young must not be disturbed while at or building a nest. Additional exclusion/protective measures may be required.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0284	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.39 (Application Reference Number: 6.4.9)	Potential killing or injuring reptiles.	Habitat with the potential to support hibernating reptiles would not be removed between November and March. This would reduce the risk of killing or injuring these animals at a time when they are vulnerable and unable to move away from sources of danger. During the active period, a mitigation strategy would be in place, informed by the habitat quality present, which would either encourage animals off-site through habitat manipulation or actively trap and translocate individuals. A receptor site has been secured by Horizon through a long-term lease and is being managed to provide optimal reptile habitat.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0285	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.42 (Application Reference Number: 6.4.9)	Potential adverse effects to fish species during works to watercourses.	A fish rescue would be carried out during the removal of freshwater habitat, such as the realignment of Nant Caerdegog Isaf (watercourse 13). Fish rescue would be undertaken under the provision of a licence from NRW and authorisation under the Salmon and Freshwater Fisheries Act 1975. Fish would be returned to suitable habitat on the same waterbody unaffected by the works. No fish would be moved between waterbodies.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0286	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.43 (Application Reference Number: 6.4.9)	The introduction and/spread of invasive, non-native plant species.	A Biosecurity Risk Assessment and Method Statement will set out how areas with the presence of Schedule 9 plant species will be demarcated, and how the contaminated materials would be appropriately managed throughout the works.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0287	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.44 (Application Reference Number: 6.4.9)	Potential killing and injury mobile species.	Boundary fencing permeable to small mammals would allow passage off-site and into receptor sites and the wider landscape.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0288	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.45 (Application Reference Number: 6.4.9)	Habitat fragmentation during Main Construction.	The Landscape and Habitat Management Strategy (Deadline 5, Rev 3) has been developed to provide biodiversity enhancements within the Wylfa Newydd Development Area and enhance ecological connectivity. Planting works would be scheduled to recreate areas of habitat as soon as practically possible, starting during the construction period, thereby reducing periods of temporary habitat loss.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Good practice

0289	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.50 (Application Reference Number: 6.4.9)	Potential adverse effects from pollution of the surface water and groundwater environment.	~~Foul water discharge will be to existing DCWW Sewage Treatment Works and to on site package treatment plants.~~ Superseded by 268 Foul water would not be discharged to the surface water environment. The spent fuel storage buildings and radioactive waste storage and processing facilities would be constructed within the Power Station Catchment, and would be sited a minimum of 15m away from any watercourse. All hydrocarbon fuel, oil (including waste oil) and chemical storage areas would be within the Power Station Site.	Operation	~~Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11 and~~ Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Embedded
0290	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.52 (Application Reference Number: 6.4.9)	Net loss in the value of terrestrial habitats during the operation of the Power Station.	The provisions of the Landscape and Habitat Management Strategy (Deadline 5, Rev 3) aim to mitigate the effects of habitat loss and fragmentation associated with construction by enhancing the habitats which will be established within the Wylfa Newydd Development Area.	Operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Good practice
0291	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.53 (Application Reference Number: 6.4.9)	Potential adverse effects on aquatic habitats and species, and wetland sites through pollution of surface water and groundwater.	Surface water drainage from all roads, car-parking areas or other areas of hardstanding where there is the potential for leaks of fuels, oils or other liquids would incorporate appropriate pollution treatment, such as oil separators. Appropriate attenuation would be provided to prevent any increases to flood risk off-site, including swales and other features to try to match current surface water flows and groundwater recharge.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 10	Good practice
0292	Terrestrial and Freshwater Ecology	Chapter D9, 9.4.58 (Application Reference Number: 6.4.9)	Potential loss of terrestrial habitat, value and connectivity into the wider landscape during decommissioning of the Power Station	The landscape design would restore the area to sympathetically managed agricultural land, focusing on the creation of species-rich habitats, providing high quality habitat for those species of conversation focus at the time of decommissioning.	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
0293	Terrestrial and Freshwater Ecology	Chapter D9, table D9-10 (Application Reference Number: 6.4.9)	Potential adverse effects as a result of increased sediment loading in the surface water environment.	Pre-construction monitoring data would be used during detailed design to refine the drainage system to reduce potential effects on watercourse catchments in the Wylfa Newydd Development Area. Monitoring during Main Construction would enable adaptive management of the drainage system to mitigate any movement away from baseline conditions.	Pre-construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 10	Additional
0294	Terrestrial and Freshwater Ecology	Chapter D9, table D9-10 (Application Reference Number: 6.4.9)	Nutrient enrichment of Tre'r Gof SSSI or any other protected sites.	Any temporary storage of waste vegetation rising from clearance on site will not be located within 100m of Tre'r Gof SSSI or any other protected sites.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
0295	Terrestrial and Freshwater Ecology	Chapter D9, table D9-10 (Application Reference Number: 6.4.9)	Potential adverse effects on the condition of Tre'r Gof SSSI as a result of increased nitrogen deposition.	A regime of annual cutting of vegetation would be implemented during construction to reduce the increased biomass which is predicted to occur as a result of increased nitrogen deposition.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
0296	Terrestrial and Freshwater Ecology	Chapter D9, table D9-10 (Application Reference Number: 6.4.9)	Potential long-term deterioration of Tre'r Gof SSSI as a result of changes in the site's hydrology and the effects of air quality changes during Main Construction.	A Tre'r Gof SSSI compensation strategy would create new rich-fen habitat and enhance existing rich-fen and mire habitat across three sites within Anglesey. (Appendix D9-23 SSSI Compensation Strategy - Volume II Application Reference Number: 6.4.57).	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3), Phasing Strategy (Deadline 5, Rev 2)	Additional

0297	Terrestrial and Freshwater Ecology	Chapter D9, table D9-10 (Application Reference Number: 6.4.9)	Potential adverse effects to Arfordir Mynydd y Wylfa - Trwyn Penrhyn Wildlife Site and chough as a result of the construction of the cooling water outfall.	As far as practicable, Horizon will manage of grassland at the Arfordir Mynydd y Wylfa - Trwyn Penrhyn Wildlife Site to support the re-establishment of high quality coastal grassland which will support foraging chough through natural regeneration within the cooling water outfall work area.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional
0298	Terrestrial and Freshwater Ecology	Chapter D9, table D9-10 (Application Reference Number: 6.4.9)	The temporary loss of core chough foraging habitat as a result of Main Construction.	A management scheme for Wylfa Head would be developed with the objective of providing optimal foraging habitat for chough within the retained habitat on Wylfa Head. Grass seeding of temporary stockpiles to mitigate loss of grassland habitat. Management of Mound A to maintain short-sward habitat conditions suitable for foraging breeding chough.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional
0299	Terrestrial and Freshwater Ecology	Chapter D9, table D9-10 (Application Reference Number: 6.4.9)	Disturbance to chough and degradation of habitats within the Arfordir Mynydd y Wylfa - Trwyn Penrhyn Wildlife Site as a result of increased recreational use of the area by Main Construction workers.	The provision of information on the sensitivities and legal protection relevant to the Arfordir Mynydd y Wylfa - Trwyn Penrhyn Wildlife Site and its associated species, and avoiding direct access from the Site Campus onto the Arfordir Mynydd y Wylfa - Trwyn Penrhyn Wildlife Site.	Construction	WMS (Deadline 5, Rev 2)	Additional
0300	Terrestrial and Freshwater Ecology	Chapter D9, table D9-10 (Application Reference Number: 6.4.9)	The loss of Ancient Semi-Natural Woodland during Main Construction.	Translocation of topsoil and coppice stools from the two areas of ancient woodland to be lost to a receptor site totalling 1.3ha identified on Horizon-owned land.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
0301	Terrestrial and Freshwater Ecology	Chapter D9, table D9-10 (Application Reference Number: 6.4.9)	Potential deterioration of retained terrestrial habitats during Main Construction.	The management and enhancement of retained trees, scrub and hedgerows including area of Dame Sylvia Crowe designed woodland and new areas of landscaping to completed areas of landscape mounding and the control of unwanted plant species including invasive species.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11 and Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional
0302	Terrestrial and Freshwater Ecology	Chapter D9, table D9-10 (Application Reference Number: 6.4.9)	Potential adverse effects on surface water environment and retained terrestrial habitats adjacent to mound areas.	Where soils will be stored for longer than 60 days, stockpiles and temporary landscape mounding will be seeded with an appropriate low-maintenance seed mix.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 7	Additional
0303	Terrestrial and Freshwater Ecology	Chapter D9, table D9-10 (Application Reference Number: 6.4.9)	Potential adverse effects from habitat loss on notable wildlife species.	Provision of an off-site notable wildlife enhancement site which would provide foraging, refuge and a strong corridor into the wider landscape for mobile species within the Wylfa Newydd Development Area. Habitat clearance would be in a phased, directional manner to encourage mobile species towards this area and away from hard landscapes such as Cemaes and the A5025.	Pre-construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3) and Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Additional

0304	Terrestrial and Freshwater Ecology	Chapter D9, table D9-10 (Application Reference Number: 6.4.9)	Recolonisation of areas cleared of species during Site Preparation and Clearance but before Main Construction works.	Vegetation would be retained at no higher than 50mm to discourage recolonisation by various species.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
0305	Terrestrial and Freshwater Ecology	Chapter D9, table D9-10 (Application Reference Number: 6.4.9)	Potential killing or injuring amphibians.	Destruction of ponds would be timed to avoid amphibian breeding season or, if not possible, works would be supervised by an ECoW. Any amphibians captured during supervision would be translocated in accordance with English Nature guidance (2011) using artificial refuges to the nearest retained pond.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Additional
0306	Terrestrial and Freshwater Ecology	Chapter D9, table D9-10 (Application Reference Number: 6.4.9)	Loss of potential bat roost features during building demolition and tree felling, and disturbance to potential retained roost structures during Main Construction.	The provision of alternative roost structures (bat boxes) within an area of retained woodland to the east of the Power Station.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
0307	Terrestrial and Freshwater Ecology	Chapter D9, table D9-10 (Application Reference Number: 6.4.9)	The loss of occasional barn owl roosts during construction.	The provision of alternative roost structures.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
0308	Terrestrial and Freshwater Ecology	Chapter D9, table D9-10 (Application Reference Number: 6.4.9)	Loss of foraging habitat and potential disturbance to red squirrel during Main Construction.	The provision of artificial drey structures within retained woodland, and supplementary feeding.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
0309	Terrestrial and Freshwater Ecology	Chapter D9, table D9-10 (Application Reference Number: 6.4.9)	Loss of mud snail population within the Wylfa Newydd Development Area. Response to FWQs/WRs/LIRs	Mud snail would be translocated to an existing wetland area within the notable wildlife enhancement site. Horizon will conduct monitoring of the translocated mud snail population for 5 years following translocation to understand viability. The first year will include water quality monitoring at the translocation site	Pre-construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
0310	Terrestrial and Freshwater Ecology	Chapter D9, table D9-10 (Application Reference Number: 6.4.9)	Lighting disturbance to sensitive ecology receptors.	Where practicable, construction lighting would be designed to reduce sky glow, glare and light spill onto sensitive ecological receptors (i.e. bats, breeding and wintering birds, otter, water vole, notable mammals, red squirrel and chough) to below thresholds where significant effects are predicted.	Pre-construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional
0311	Terrestrial and Freshwater Ecology	Chapter D9, table D9-11 (Application Reference Number: 6.4.9)	Long-term deterioration in the condition status of Tre'r Gof SSSI.	Long-term botanical monitoring of Tre'r Gof SSSI which would identify the need for any adaptive management. The management of the SSSI compensation sites would contribute to off-setting any potential adverse effects.	Operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional

1121	Terrestrial and Freshwater Ecology	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Monitoring for Bats	Horizon will conduct 10 years of bat monitoring surveys across a 15 year period, to ensure that monitoring extends beyond the construction period. This will comprise, for example, five annual visits followed by five biennial visits	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
1122	Terrestrial and Freshwater Ecology	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Monitoring for Great Crested Newts	Horizon will conduct Great Crested Newt monitoring surveys during year one, three and six following translocation using the methods listed below: Habitat Suitability Index Survey (HSI) and two torch counts during the appropriate season	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
1123	Terrestrial and Freshwater Ecology	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Monitoring for Water Vole	Horizon will conduct Water Vole monitoring surveys in years one, three and six following the diversion of the Nant Caerdegog Isaf Watercourse	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
1124	Terrestrial and Freshwater Ecology	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Section 7 Habitats	A mosaic of habitat types to meet the terrestrial habitat mitigation requirements of the ES will be created. These habitats will align with Section 7 of habitats of principal importance for the purpose of maintaining and enhancing biodiversity in relation to Wales. These habitats will also include 9 wildlife ponds as a like for like replacement. Long term management will seek to ensure that these wildlife ponds support a diverse assemblage of macrophytes and marginal vegetation, without any aquatic INNS or fish, and with a third to two thirds of the surface area covered by floating plants.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional
1176	Terrestrial and Freshwater Ecology	Response to FWQs/WRs/LIRs	Protecting Bats	With respect to trees, pre-felling surveys will be undertaken the season prior to felling to identify known or potential tree roosts. Trees that require felling with confirmed bat roosts will be felled under a European Protected Species Mitigation Licence. Trees with unconfirmed roosts, but high roost potential, would be soft felled (following an updated pre-felling survey immediately prior to felling) in the presence of an ECoW who holds the relevant bat licence to capture any bats found and remove them to one of the bat barns or pole mounted bat boxes provided as part of the European Protected Species Mitigation Licence.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
1177	Terrestrial and Freshwater Ecology	Response to FWQs/WRs/LIRs	Protecting Bats during demolition works	Demolition works involving known roosts would be conducted using 'soft-stripping' and 'hand-demolition' techniques between the months of March and June and September and October in accordance with good practice guidelines. These works would be supervised by an ECoW who holds the relevant bat licence to capture any bats found and remove them to one of the bat barns or pole mounted bat boxes provided as part of the European Protected Species Mitigation Licence	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
1178	Terrestrial and Freshwater Ecology	Response to FWQs/WRs/LIRs	Realignment works for Nant Caerdegog	The realignment works will be programmed approx. 12 months in advance of any backfilling, to ensure that vegetation along the realigned route would be established, with interim control of flows, prior to full connection of diverted flows to the new route. Backfilling of the old watercourse route would not commence until the diverted route has been sufficiently established.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
1179	Terrestrial and Freshwater Ecology	Response to FWQs/WRs/LIRs	Noise attenuation fence along the Afon Alaw	Noise barriers must be constructed along the eastern and western side of section 3, including the Afon Alaw crossing.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Additional

1180	Terrestrial and Freshwater Ecology	Response to FWQs/WRs/LIRs	Aligning working hours in the SPC TCPA condition and the DCO	Working hours of the Site Preparation and Clearance works • site preparation and clearance – between 07:00 and 19:00 hours Monday to Friday and between 08:00 and 13:00 hours Saturday	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional
1181	Terrestrial and Freshwater Ecology	Response to FWQs/WRs/LIRs	Monitoring Chough foraging behaviour	Monitoring of chough foraging behaviour will be undertaken during the breeding and non-breeding season on areas of optimal chough foraging habitat within the Wylfa Newydd Development Area.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
Volume D, Landscape and Visual							
0313	Landscape and Visual	Chapter D10, table D10-40 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	Landscape management for duration of Main Construction in line with the requirements of the Main Power Station Site sub-CoCP (Deadline 5, Rev 3) and Landscape and Habitat Management Strategy (Deadline 5, Rev 3). This would include requirements for management and enhancement of retained trees, scrub and hedgerows, including area of Dame Sylvia Crowe designed woodland and new areas of landscaping to completed areas of landscape mounding, and the control of unwanted plant species, including invasive species.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11 and Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional
0314	Landscape and Visual	Chapter D10, 10.4.22 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects. Reduce effects on Dame Sylvia Crowe's landscape design.	The wooded mounds forming part of the landscape design for the Existing Power Station by Dame Sylvia Crowe would be retained, as indicated on the illustrative reference point drawings 3 and 4 in the Landscape and Habitat Management Strategy (Deadline 5, Rev 3).	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0315	Landscape and Visual	Chapter D10, 10.4.22 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects at Tregele and Cemaes.	Phased implementation of landscape mounding, seeding of pasture and woodland planting to include early creation of the outer slopes of the linear landscaped mound adjacent to Tregele, and landscape mounding on the edge of Cemaes in line with the landscape and habitat design principles in the Landscape and Habitat Management Strategy (Deadline 5, Rev 3).	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0316	Landscape and Visual	Chapter D10, 10.4.27 (Application Reference Number: 6.4.10)	Reduce potential adverse impact on topsoil quality and suitability for re-use. Reduce adverse landscape and visual effects.	Where soils would be stored for longer than 60 days, stockpiles and temporary landscape mounding would be seeded with an appropriate low-maintenance seed mix in accordance with the Main Power Station Site sub-CoCP (Deadline 5, Rev 3).	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0317	Landscape and Visual	Chapter D10, 10.4.21 (Application Reference Number: 6.4.10)	Reduce adverse visual effects.	Restriction of cabin height to one storey for the Site Preparation and Clearance site compound in accordance with the Main Power Station Site sub-CoCP (Deadline 5, Rev 3).	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Embedded
0318	Landscape and Visual	Chapter D10, table D10-40 (Application Reference Number: 6.4.10)	Reduce adverse visual effects.	The design of temporary buildings within the site compound and construction/laydown areas would seek to mitigate the visual impact of those buildings on the surrounding areas through the use of visually recessive colour, finishes and maximum heights in accordance with the Main Power Station Site sub-CoCP (Deadline 5, Rev 3).	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
0319	Landscape and Visual	Chapter D10, 10.4.21 (Application Reference Number: 6.4.10)	Reduce adverse visual effects.	A visually recessive perimeter fence colour to be selected to reduce visual effects, whilst still maintaining a safe and secure barrier, in accordance with the Main Power Station Site sub-CoCP (Deadline 5, Rev 3).	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Embedded

0320	Landscape and Visual	Chapter D10, table D10-40 (Application Reference Number: 6.4.10)	Mitigate for loss of existing field boundaries and enhance landscape character.	Enhancements to existing boundary features retained on the Wylfa Newydd Development Area outside the perimeter construction fence, in accordance with the landscape and habitat design principles in the Landscape and Habitat Management Strategy (Deadline 5, Rev 3). Enhancements could include, for example, infill planting and management to improve structure and species diversity, and introduction of hedgerow trees where appropriate. Stone walls would be repaired and current condition of cloddiau improved, where necessary and practicable.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional
0321	Landscape and Visual	Chapter D10, table D10-40 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	Appropriate management and enhancement of the retained Dame Sylvia Crowe wooded mound, to manage its condition and to safeguard its longevity and role in visually softening the Existing Power Station as part of Horizon's long-term strategy for the site. A management scheme for the management of the Dame Sylvia Crowe's wooded mound (during construction and operation) would be prepared in accordance with the landscape and habitat design in the Landscape and Habitat Management Strategy (Deadline 5, Rev 3). The scheme would contain information regarding the factors influencing management, management aims and objectives and monitoring programmes.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional
0322	Landscape and Visual	Chapter D10, 10.4.27 (Application Reference Number: 6.4.10) Clarification	Reduce adverse landscape and visual effects.	Horizon will identify ~~Protection of e~~xisting trees, scrub and hedgerows to be retained and protection of those features will be in accordance with the recommendations in BS 5837:2012 [RD38]. ~~Works within tree root protection areas will be avoided wherever practicable. If works within the root protection area of trees to be retained are deemed essential, works will be carried out using the techniques provided in BS 5837:2012 and the duration of those works will be restricted as far as possible~~.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0323	Landscape and Visual	Chapter D10, table D10-40 and D10-41 (Application Reference Number: 6.4.10)	Reduce adverse visual effects and aid landscape integration.	Seek to integrate new structures within the marine environment, such as MOLF and breakwaters, into the existing seascape character, through selection of appropriate materials in accordance with the design principles in volume 2 of the Design and Access Statement (Application Reference Number: 8.2.2).	Construction	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Additional
0324	Landscape and Visual	Chapter D10, table D10-41 (Application Reference Number: 6.4.10)	To help protect the characteristic rocky inter-tidal zone where practical and thereby reduce long-term effects on seascape character.	A method statement will be produced to include measures for the protection of existing rocky shoreline beneath temporary causeway construction in accordance with the Marine Works sub-CoCP (Deadline 5, Rev 3). Measures could include: 1. provision for limiting the extent of disturbed shoreline; 2. placing a protective layer over the shoreline prior to temporary construction; and 3. upon removal of the temporary marine structures, restoration of the intertidal and subtidal areas located under the footprint of the temporary causeway and the intertidal area to the east up to the southern end of the skimmer wall will be completed, including restoration of the following features: - the topography of the substrate including gradient and structural heterogeneity; - the 15 rockpools which are currently known to be present within the area and measure greater than 1m²; and - the same or similar rockpool biotopes to those currently known to be present within the area. sensitive making good of the intertidal zone on removal of the temporary causeway, to restore a natural appearance similar to the adjacent shore, where practicable.	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
0325	Landscape and Visual	Chapter D10, table D10-40 (Application Reference Number: 6.4.10)	To help protect the characteristic rocky inter-tidal zone where practical and thereby reduce long-term effects on seascape character.	A method statement will be produced to include measures for the protection of existing rocky shoreline beneath temporary causeway construction in accordance with the Marine Works sub-CoCP (Deadline 5, Rev 3). Measures could include: 1. provision for limiting the extent of disturbed shoreline; 2. placing a protective layer over the shoreline prior to temporary construction; and 3. upon removal of the temporary marine structures, restoration of the intertidal and subtidal areas located under the footprint of the temporary causeway and the intertidal area to the east up to the southern end of the skimmer wall will be completed, including restoration of the following features: - the topography of the substrate including gradient and structural heterogeneity; - the 15 rockpools which are currently known to be present within the area and measure greater than 1m²; and - the same or similar rockpool biotopes to those currently known to be present within the area. sensitive making good of the intertidal zone on removal of the temporary causeway, to restore a natural appearance similar to the adjacent shore, where practicable.	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
0326	Landscape and Visual	Chapter D10, table D10-41 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	The area reserved for Spent Fuel Storage Facility and ILW Storage Facility would be temporarily seeded and managed as grassland, until the area is required for development in accordance with the Wylfa Newydd CoOP (Deadline 5, Rev 3).	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 12	Additional

0327	Landscape and Visual	Chapter D10, table D10-41 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	A colour scheme based on natural colours to be developed in accordance with the design principles in volume 2 of the Design and Access Statement (Application Reference Number: 8.2.2), which would seek to: break down the scale and massing of the Power Station buildings; help integrate them into the landscape, using a similar approach to that used for the Existing Power Station; and be compatible with operational and safety requirements for a nuclear facility.	Operation	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Additional
0328	Landscape and Visual	Chapter D10, table D10-40 (Application Reference Number: 6.4.10)	Reduce adverse visual effects.	Landscape mounding and landscaping to be sequenced in accordance with the Phasing Strategy (Deadline 5, Rev 3) to reduce adverse visual effects and landscape mitigation implemented at the earliest practical opportunity to limit the extent of disturbance in accordance with the landscape and habitat design principles in the Landscape and Habitat Management Strategy (Deadline 5, Rev 3).	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3), Phasing Strategy (Deadline 5, Rev 2)	Additional
0329	Landscape and Visual	Chapter D10, table D10-41 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	Sedimentation ponds for landscape mounding to be designed to achieve a more natural appearance for the final landscape scheme, in keeping with the local landscape character, and in accordance with the landscape and habitat design principles in the Landscape and Habitat Management Strategy (Deadline 5, Rev 3).	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional
0330	Landscape and Visual	Chapter D10, table D10-40 and D10-41 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	Detailed landscape design to take into account landscape architecture, ecology and cultural heritage, including consideration of new field boundary design as part of restoration of agricultural field pattern, including hedgerows, cloddiau, drystone walls and woodland planting, in accordance with landscape and habitat design principles in the Landscape and Habitat Management Strategy (Deadline 5, Rev 3).	Pre-operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional
0331	Landscape and Visual	Chapter D10, table D10-41 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	Implementation of long-term landscape management strategy to ensure successful establishment of proposed landscaping and long-term viability of planting on the Wylfa Newydd Development Area, in accordance with the landscape and habitat design principles in the Landscape and Habitat Management Strategy (Deadline 5, Rev 3). To include quarterly landscape site inspections for a five-year period after implementation, followed by annual inspections for a second five-year period (total 10 years), to ensure the landscape planting scheme successfully establishes and achieves the intended mitigation. In the event that these inspections identify that planting has not established, replacement planting on a like for like basis would be undertaken during the first available planting season.	Operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional
0332	Landscape and Visual	Chapter D10, table D10-40 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	Visually recessive natural colours and materials to be used which would seek to: break down the scale and massing of the Site Campus accommodation blocks, and help integrate them into the landscape using a similar approach to colours found within the surrounding landscape and on the Existing Power Station, in accordance with the design principles in volume 3 of the Design and Access Statement (Associated Developments and Off-Site Power Station Facilities) (Deadline 4, Rev 3).	Pre-construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Additional
0333	Landscape and Visual	Chapter D10, table D10-42 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	The long-term appearance, including exterior finishes, of new or existing buildings which would remain during the care and maintenance period, would be maintained until demolished in accordance with the design principles in volume 2 of the Design and Access Statement (Application Reference Number: 8.2.2).	Decommissioning	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Additional
0334	Landscape and Visual	Chapter D10, table D10-41 (Application Reference Number: 6.4.10)	To mitigate effects of sky glow, glare and light spill onto sensitive receptors.	The lighting designs for operation would be developed in accordance with the design principles in the volume 2 of Design and Access Statement (Application Reference Number: 8.2.2) to: meet operational, safety and security purposes; limit light spill onto sensitive receptors to below thresholds where significant effects are predicted; maintain a uniform lighting solution to reduce dark and light spots; and limit visibility of new lighting at distant receptors. Best available technologies would include sympathetic design, automatic sensors for street lights, and the use of LED lighting to achieve lower lighting levels whilst maintaining the same level of effective lighting.	Operation	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Additional
0335	Landscape and Visual	Chapter D10, table D10-40 (Application Reference Number: 6.4.10)	To reduce adverse effects on landscape character from field boundary removal.	Undertake a detailed survey of stone wall and cloddiau construction (vernacular detailing), and hedgerow/tree species for field boundaries to be removed, to help ensure a degree of authenticity and historical continuity in the reinstatement of these features as part of the final landscape scheme, in accordance with the Main Power Station Site sub-CoCP (Deadline 5, Rev 3).	Pre-construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional

0336	Landscape and Visual	Chapter D10, table D10-40 (Application Reference Number: 6.4.10)	To reduce adverse effects on landscape character post-decommissioning and removal of the Site Campus.	The Site Campus would be restored to its pre-existing condition or similar, in accordance with the final landscape scheme. The final landscape scheme will be prepared in accordance with the principles established in the Landscape and Habitat Management Strategy (Deadline 5, Rev 3).	Pre-construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional
0336a	Landscape and Visual	Chapter D10, table D10-40 (Application Reference Number: 6.4.10)	To mitigate effects of sky glow, glare and light spill onto sensitive receptors.	Construction lighting would be designed to reduce sky glow, glare and light spill onto sensitive receptors to below thresholds where significant effects are predicted, where practicable, in accordance with the Main Power Station Site sub-CoCP (Deadline 5, Rev 3)	Pre-construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional
0337	Landscape and Visual	Chapter D10, table D10-42 (Application Reference Number: 6.4.10)	To mitigate effects of sky glow, glare and light spill onto sensitive receptors.	Lighting for decommissioning would be designed to reduce light spill onto sensitive receptors to below thresholds where significant effects are predicted, where practicable, in accordance with the DCO requirement for a Decommissioning Plan, Draft Development Consent Order (Deadline 5, Rev 3).	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Additional
0338	Landscape and Visual	Chapter D10, table D10-42 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	Restoration of Power Station Site to comprise recreation of an appropriate field pattern consisting of new hedgerows planted with native plant species and areas of native woodland, in accordance with the DCO requirement for a Decommissioning Plan, Draft Development Consent Order (Deadline 5, Rev 3).	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Additional
0339	Landscape and Visual	Chapter D10, table D10-40 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	Phased timing of woodland felling to be implemented in the vicinity of the Remediation Processing Compound, as far as is practicable, to utilise existing woodland to provide temporary screening whilst asbestos treatment area is in use, in accordance with the Main Power Station Site sub-CoCP (Deadline 5, Rev 3).	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
0340	Landscape and Visual	Chapter D10, 10.4.22 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	Design of earthworks is optimised in relation to cut and fill, to balance material available for landscape mounds for screening and achieve a natural appearance to outward slope profiles, in accordance with the landscape and habitat design principles in the Landscape and Habitat Management Strategy (Deadline 5, Rev 3).	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0341	Landscape and Visual	Chapter D10, 10.4.44 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	Landscaped areas outside of the Power Station Site, including landscaped mounding and associated pasture and planting, would be retained in accordance with the DCO requirement for a Decommissioning Plan, Draft Development Consent Order (Deadline 5, Rev 3).	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Embedded
0342	Landscape and Visual	Chapter D10, 10.4.21 (Application Reference Number: 6.4.10)	Reduce adverse landscape effects on Nant Caerdegog Isaf (Afon Cafnan tributary).	Landscape design and indigenous species planting to be implemented for the watercourse realignment of the Nant Caerdegog Isaf (Afon Cafnan tributary) in accordance with the landscape and habitat design principles in the Landscape and Habitat Management Strategy (Deadline 5, Rev 3).	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0343	Landscape and Visual	Chapter D10, 10.4.36 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	Woodland, hedgerow and scrub planting to restore characteristic field pattern with traditional boundary types for landscape integration of the Power Station, in accordance with the landscape and habitat design principles in the Landscape and Habitat Management Strategy (Reference Number: 8.16). Woodland, tree and scrub planting would consist of a variety of indigenous species of local provenance, unless there are specific reasons for use of other species.	Operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded

0344	Landscape and Visual	Chapter D10, 10.4.21 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	Retention of existing walls, boundary hedgerows, trees, gateposts and fences outside the perimeter site fence, but inside the Order Limits, as well as trees and scrub in the vicinity of the watercourse realignment of Nant Caerdegog Isaf, and Ancient Woodland and adjacent trees north-west of Tre'r Gof SSSI in accordance with the landscape and habitat design principles in the Landscape and Habitat Management Strategy (Reference Number: 8.16).	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0345	Landscape and Visual	Chapter D10, 10.4.22 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	Retention of existing walls, boundary hedgerows, trees, gateposts and fences outside the perimeter site fence, but inside the Order Limits, in accordance with the landscape and habitat design principles in the Landscape and Habitat Management Strategy (Reference Number: 8.16).	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0346	Landscape and Visual	Chapter D10, 10.4.36 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	The landscape design of Wylfa Newydd Development Area outside the Power Station Site to soften the appearance of the Power Station and reduce visual effects in accordance with the landscape and habitat design principles in the Landscape and Habitat Management Strategy (Reference Number: 8.16).	Operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0347	Landscape and Visual	Chapter D10, 10.4.44 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	There would be site restoration of the Power Station Site, landscaped to an 'equivalent' land use to that which existed prior to construction, in accordance with the DCO requirement for a Decommissioning Plan, Draft Development Consent Order (Deadline 5, Rev 3).	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Embedded
0348	Landscape and Visual	Chapter D10, 10.4.22 and 10.4.36 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	Landscape mounding and woodland planting would be provided to help soften views of and integrate the Power Station into the landscape in accordance with the landscape and habitat design principles in the Landscape and Habitat Management Strategy (Deadline 5, Rev 3). To facilitate landscape integration of the Power Station, the final landscape scheme would include returning the land to pasture for grazing sheep or cattle, in conjunction with proposed ecological enhancement measures.	Pre-operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0349	Landscape and Visual	Chapter D10, 10.4.21 (Application Reference Number: 6.4.10) Clarification	Reduce adverse landscape and visual effects.	Stone would be saved from dismantled stone walls and cloddiau for future re-use in the final Power Station landscape scheme in accordance with the Main Power Station Site sub-CoCP (Deadline 5, Rev 3). ~~Stone will be saved from stone walls and cloddiau dismantled during the Enabling Works, so as to support the reconstruction and reinstatement of the characteristic landscape features removed during the works, in-line with the Landscape and Habitat Management Strategy~~	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Embedded
0350	Landscape and Visual	Chapter D10, 10.4.36 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	Consolidation of certain Power Station buildings within a smaller footprint to reduce the overall scale and massing, wherever practicable, in accordance with the design principles in volume 2 of the Design and Access Statement (Application Reference Number: 8.2.2).	Operation	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Embedded
0351	Landscape and Visual	Chapter D10, 10.4.27 (Application Reference Number: 6.4.10)	Reduce adverse effects on Cestyll Garden.	Root protection areas of trees and vegetation within valley garden of Cestyll Garden would be determined by an arboriculturist and protected by establishing appropriate buffers that would be maintained throughout construction within the Wylfa Newydd Development Area, including construction of laydown areas, in accordance with the Main Power Station Site sub-CoCP (Deadline 5, Rev 3). Establishment of buffer areas would take into account the recommendations of BS 5837:2012 Trees in Relation to Design, Demolition and Construction [RD28] and verified and monitored by an arboriculturist. Works within tree root protection areas would be avoided wherever practicable. If works within the root protection area of trees to be retained are deemed essential, works would be carried out using techniques provided in BS 5837:2012 Trees in Relation to Design, Demolition and Construction, and the duration of those works will be restricted, as far as possible.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice

0352	Landscape and Visual	Chapter D10, 10.4.41 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	The landscape management strategies would be in general accordance with the landscape principles set out in the Landscape and Habitat Management Strategy (Deadline 5, Rev 3). Newly created landscape and habitats would be managed in accordance with management schemes, developed in accordance with the principles in the Landscape and Habitat Management Strategy which aim to secure the establishment and long term viability of these landscapes and habitats to: • ensure the continued vitality of existing retained planting, including existing hedgerows on the Wylfa Newydd Development Area boundary; • ensure successful establishment of the proposed landscape scheme and the long-term viability of planting; • provide effective visual screening (and biodiversity benefits); • ensure the successful establishment of viable pasture and facilitate subsequent agricultural use; • maintain other landscape features, including dry-stone walls and cloddiau in good condition; and • strengthen the landscape character and restore the field boundary pattern wherever practicable, including hedgerows, cloddiau and dry-stone walls.	Operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Good practice
0353	Landscape and Visual	Chapter D10, 10.4.40 (Application Reference Number: 6.4.10	Reduce adverse landscape and visual effects.	Reinstatement of land used temporarily for construction to a condition similar to that which existed prior to construction in accordance with the Wylfa Newydd CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0354	Landscape and Visual	Chapter D10, 10.4.27 and 10.4.40 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	Establishment maintenance of planting for a minimum five-year period in accordance with the Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Good practice
0355	Landscape and Visual	Chapter D10, 10.4.27 (Application Reference Number: 6.4.10)	Reduce potential adverse impact on topsoil quality and suitability for re-use.	Managing topsoil storage mounds to reduce potential visual effect and potential adverse impact on topsoil quality and suitability for re-use in accordance with the Wylfa Newydd CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0356	Landscape and Visual	Chapter D10, 10.4.27 and 10.4.40 (Application Reference Number: 6.4.10)	Reduce adverse effects of light spill.	Control of light spill to reduce nuisance on communities, as far as practicable, in accordance with the Wylfa Newydd CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 4 and Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 4	Good practice
0357	Landscape and Visual	Chapter D10, 10.4.22 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	New stone walls and cloddiau forming part of the landscape design would be constructed from stone saved from dismantled stone walls and cloddiau in accordance with the landscape and habitat design principles in the Landscape and Habitat Management Strategy (Reference Number: 8.16) and Main Power Station Site sub-CoCP (Deadline 5, Rev 3)	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3) Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Embedded
1182	Landscape and Visual	Response to FWQs/WRs/LIRs	Response to FWQs - Street lighting, street furniture and signage.	The development will include coordinated street lighting, street furniture and signage.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
1183	Landscape and Visual	Response to FWQs/WRs/LIRs	Slope angles - Mound opposite Tregele	During construction the outer face of the landscape mound opposite Tregele shall be no steeper than 1:2, except for a short section (approximately 100 metres in length) to the west and south of Tregele Services where the slope will need to be steeper to facilitate utility routing. The steeper mound slope will also be designed to facilitate native planting, including shrubs and small trees	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional

1184	Landscape and Visual	Response to FWQs/WRs/LIRs	Protection of the existing rocky shoreline beneath the temporary causeway construction.	There will also be protection of the existing rocky shoreline beneath the temporary causeway construction. Further technical details regarding the protective layer to be installed beneath the temporary causeway structure are still to be developed. This is classified as a temporary construction requirement and shall be the responsibility of the appointed Contractor to design and install as part of the causeway construction activity. Horizon will require the contractor to provide details of the final design for review prior to commencement of the works. The protective layer will be designed to facilitate the removal of the temporary section of the causeway construction with minimal resulting damage to the underlying shoreline rock strata. Several construction solutions may be proposed, however, the fundamental objective will be to deliver a solution that enables the protective layer of materials placed directly on top of the shoreline to be removed using excavation techniques that will not result in damage to the underlying rock. It is envisaged that this could involve techniques such as vacuum excavation to remove the protective sand/aggregate layer. In this solution it is normal to install a physical barrier such as a Geotextile product before placement of the protective materials and subsequent main construction material.	Construction	Construction Method Statement (Deadline 5, Rev 2)	Additional
1185	Landscape and Visual	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Design of Mound B	The design of Mound B will have regard to the visual amenity of the adjacent community at Tregele through a combination of slope profiling, and planting, which may incorporate temporary fencing during construction to help mitigate noise and soften visual impact	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional
1186	Landscape and Visual	Clarification Response to FWQs/ WRs/LIRs	Landscape setting and North Anglesey Heritage Coast	A new landscape setting will be created that reflects the existing open, rolling, drumlin landscape character and sense of place, minimizing harm to the Anglesey Area of Outstanding Natural Beauty (AONB) and its setting and the North Anglesey Heritage Coast	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional
1187	Landscape and Visual	Clarification Response to FWQs/ WRs/LIRs	Mound E Construction	Mound E construction would be constructed to store material for use in the final landform and as such will be placed, seeded for period of construction and then reworked at the end of construction to finalise the mound. Mound E would contain remediated soils from other parts of the site. Mounds B, C and D provide the laydown area flat platforms during construction hosting site platforms and storage areas during the main construction works. These platform areas would be returned to drumlin landforms to help screen the new development at the end of the construction period. The final landscaping of mounds B, C and D would make use of the stockpiled material in the western part of mound A. Final landscaping and planting of mounds B, C, and E would occur at the end of the construction period after the Power Station becomes operational	Construction	Construction Method Statement (Deadline 5, Rev 2)	Additional
1188	Landscape and Visual	Response to FWQs/WRs/LIRs	Protection of other retained landscape features	Horizon will identify other landscape features (such as stone walls, cloddiau, watercourses) to be retained during the construction phase of the WNP. Appropriate protection measures (for example, erecting signage, fencing) would be put in place and maintained throughout the construction phase.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Additional
Volume D, Cultural Heritage							
0358	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Rhwngy Dau Fynydd Burnt Mound (Asset 71)	Example mitigation treatment: Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0359	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Ty'n y Maes, Cemaes Bay (Asset 74).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3)	Additional
0360	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Structures, Chain Home Guard, Cemaes Bay (Asset 76).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3),	Additional

0361	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Aerial Photograph site, Cemaes Bay (Asset 78).	Example mitigation treatment: Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0362	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Earthworks, Chain Home Guard, Cemaes Bay (Asset 79).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0363	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Trackway (Asset 86).	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0364	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Earthworks, Chain Home Guard, Cemaes Bay (Asset 98).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0365	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Earthworks, Chain Home Guard, Cemaes Bay (Asset 99).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0366	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Boathouse, Remains of, Porth-y-pistyll (Asset 100).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0367	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Earthworks, Chain Home Guard, Cemaes Bay (Asset 107).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0368	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Cwt, Former Site of, Porth-y-pistyll (Asset 109).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0369	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Effect on the setting of Mill Bay Landing Places (Asset 110).	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0370	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Pen Pistyll, Former Site of Porth-y-pistyll (Asset 113).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0371	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Park Lodge, Cemaes (Asset 114).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0372	Cultural Heritage	Appendix D11-6 (Application Reference Number:	Removal of Ty Croes, Cemaes Bay (Asset 119).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0373	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Park Lodge Enclosure (Asset 121).	Example mitigation treatment: Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0374	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Road from Tregele to Wylfa (Asset 122).	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0375	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Earthworks, Chain Home Guard, Cemaes Bay (Asset 126).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0376	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Park Lodge Ring-ditch (Asset 127).	Example mitigation treatment: Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0377	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Simdda Wen, Garden, Tregele (Asset 139).	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0378	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Burnt Mounds and Pits (Asset 145).	Example mitigation treatment: Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0379	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Tai Hirion, Porth-y-pistyll (Asset 146).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0380	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of The Current Track to Simdda Wen and Tai Hirion (Asset 148).	Level 2 Earthwork survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0381	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Structure, South of Simdda Wen (Asset 149).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0382	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Building, South-east of Simdda-wen (Asset 151).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0383	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Cafnan Field System (Part of) (Asset 162).	Example mitigation treatment: Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0384	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Field Boundary (Asset 166).	Example mitigation treatment: Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0385	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Caer Brenhin, Former Site of, Tregele (Asset 167).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0386	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Field Boundaries (Asset 168).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0387	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Tan yr Allt, Tregele (Asset 169).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0388	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Road from Tregele to Cafnan (Asset 176).	Level 2 Earthwork survey	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0389	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Pennant, Tregele (Asset 177).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0390	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Bronydd, Tregele (Asset 183).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0391	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Bristol Beaufighter VI X8194 (Asset 185).	Toolbox talks. Recording and removal of the remains of the asset under licence if discovered.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0392	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Pen y Groes, Former Site of Tregele (Asset 189).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0393	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Chequers and Bryn Fferen, Tregele (Asset 191).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0394	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of The Firs, Garden, Tregele (Asset 195).	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0395	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Trackway from Tyddyn to the A5025 (Asset 196).	Level 2 Earthwork survey .	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0396	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of The Firs, Tregele (Asset 198).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0397	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Pen Lon, Tregele (Asset 199).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0398	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Mound (Asset 201).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0399	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Pre-18th Century Field System (Asset 204).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0400	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Pennant Enclosure and Cist Cemetery (Asset 205).	Example mitigation treatment; Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0401	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Rhwng y Ddau Fynydd Burnt Mound and Ring Ditch (Asset 207).	Example mitigation treatment; Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0402	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Rhwng Dau Fynydd Enclosure (Asset 209).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0403	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Tyddyn Du and Pen y Groes Isaf, Tregele (Asset 210).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0404	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Possible Burnt Mound, Cafnan (Asset 212).	Example mitigation treatment: Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0405	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Part of Field System (Asset 218).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0406	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Rhwng y Ddau Fynydd, Tregele (Asset 225).	Level 2 Historic Building Recording.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0407	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Neuadd Field System (Asset 239).	Example mitigation treatment: Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0408	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Caerdegog Isaf Burnt Mount (Asset 245).	Example mitigation treatment: Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0409	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Trackway to Caerdegog Isaf (Asset 248).	Level 2 Earthwork survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0410	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Burnt Mound, Rhwng Dau Fynydd (Asset 251).	Example mitigation treatment: Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0411	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Ditch and Natural Features (Asset 254).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0412	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Field Boundary (Asset 259).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0413	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Trackway to Penrallt (Asset 261).	Level 2 Earthwork survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0414	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Penrallt Farmhouse (site of) (Asset 265).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0415	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Possible Structure (Asset 268).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0416	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Trackway from Tyddyn Gele (Asset 269).	Level 2 Earthwork survey and photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0417	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Ty Baner (Asset 271).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0418	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Penrallt Curvilinear Enclosure (Asset 272).	Example mitigation treatment; Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0419	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Well (Asset 273).	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0420	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Field Boundary (Asset 274).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0421	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Field Boundaries (Asset 276).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0422	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Cafnan Field System IV (Asset 277).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0423	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Neuadd Rectilinear Enclosure (Asset 281).	Example mitigation treatment; Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0424	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Trackway (Asset 299).	Level 2 Earthwork survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0425	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Field Boundary (Asset 306).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0426	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Possible Burnt Mound, Neuadd (Asset 311).	Example Mitigation; Archaeological Excavation To be covered by the Archaeological Mitigation Scheme for the WNDA	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0427	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Field Boundary (Asset 312).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0428	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Possible Burnt Mound, Penrallt (Asset 314).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0429	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Possible Burnt Mound (west) (Asset 515).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0430	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Possible Burnt Mound (east) (Asset 516).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0431	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Tyddyn Goronwy Prehistoric Settlement Site (Asset 517).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0432	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Pennant Burnt Mound and Possible Settlement Site (Asset 520).	Example Mitigation treatment; Archaeological Excavation To be covered by the Archaeological Mitigation Scheme for the WNDA	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0433	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Caerdegog Isaf Ditches and Pit (Asset 523).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0434	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Possible Burnt Mound, South of The Firs (Asset 525).	Example mitigation treatment; Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0435	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Paleoenvironmental Assessment Area 2 (Asset 527).	Paleoenvironmental assessment followed by paleoenvironmental analysis if required.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0436	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Linear Anomalies and Burnt Mounds (Asset 528).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0437	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Tregele Prehistoric Settlement and Burnt Mound 1 (Asset 529).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0438	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Tregele Prehistoric Settlement and Burnt Mound 2 (Asset 530).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0439	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Pits and Linear Features 1, Ty-croes (Asset 531).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0440	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Prehistoric Pits, Tyddyn-Goronwy (Asset 532).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0441	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Ring Gully and Pits, Pennant (Asset 534).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0442	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Burnt Spreads and Pits (Asset 535).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0443	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Three Burnt Mounds, Caerdegog Isaf (Asset 536).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0444	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Ring-ditch and Burnt Mound, Tyddyn-gele (Asset 537).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0445	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Burnt Mounds, Rhwng y Ddau Fynydd (Asset 538).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0446	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Burnt Mound and Field Boundaries, Tre'r Gof Uchaf (Asset 539).	Example mitigation treatment; Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0447	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Tregele Romano-British Settlement (Asset 540).	Example Mitigation; Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0448	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Pits and Ditches, South of Tregele (Asset 545).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0449	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Burnt Mound and Ditch System, Groesfechan (Asset 546).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0450	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Romano-British Settlement, East of Tyddyn Gele (Asset 547).	Example mitigation treatment; Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0451	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Burnt Mound, East of Caerdegog Isaf (Asset 549).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0452	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Ring-gully, Rhwng Dau Fynydd (Asset 550).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0453	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Possible Burnt Mound, North of Ty croes (Asset 553).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0454	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Pit, Postholes and Stakeholes, South-east of Tyddyn-Goronwy (Asset 559).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0455	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Romano-British Settlement, North-east of Tyddyn Gele (Asset 566).	Example mitigation treatment; Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0456	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Roman Settlement, North-west of Tregele (Asset 567).	Example mitigation treatment; Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0457	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Stone Trackway, North-west of Tregele (Asset 568).	Example mitigation treatment: Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0458	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Porth yr Ogof Roman Settlement (Asset 573).	Example mitigation treatment: Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0459	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Linears, Pits and Postholes, West of Porth Wylfa (Asset 575).	Example mitigation treatment: Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0460	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Concentration of Linears and Pits, West of Porth Wylfa (Asset 576).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0461	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Roman Industrial Activity, West of Porth Wylfa (Asset 577).	Example mitigation treatment: Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0462	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Possible Burnt Mound, West of Porth Wylfa (Asset 578).	Example mitigation treatment: Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0463	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Neolithic Flint Processing Site, West of Porth Wylfa (Asset 579).	Example mitigation treatment: Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0464	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Porth Wylfa Cist Cemetery (Asset 580).	Example mitigation treatment: Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0465	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Porth Wylfa Gully and Postholes (Asset 581).	Example mitigation treatment: Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0466	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Paleochannel, South of Porth Wylfa (Asset 584).	Paleoenvironmental assessment followed by paleoenvironmental analysis if required.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0467	Cultural Heritage	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Cooking Pits, South of Porth Wylfa (Asset 587).	Example mitigation treatment: Archaeological excavation. To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0468	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Postholes, North of Neuadd (Asset 592).	Example mitigation treatment: Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0469	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Pits, North of Neuadd (Asset 593).	Example mitigation treatment: Strip, Map and Sample To be covered by the Archaeological Mitigation Scheme for the WNDA.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0470	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Field Boundary, North-west of The Firs (Asset 726).	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0471	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Boundary Wall, Tai Hirion (Asset 727).	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0472	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Field Boundary, Tai Hirion (Asset 730).	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0473	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Field Boundary, East of Cestyll (Asset 731).	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0474	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Track, Porth yr Ogof (Asset 747).	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0475	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Building and Enclosure, North-east of Neuadd (Asset 758).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0476	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Building/Enclosure North of Neuadd (Asset 770).	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0477	Cultural Heritage	Chapter D11, table D11-6 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Effects on the setting of St Patrick's Church, Llanbadrig (Asset 26).	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0478	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Transmitter Mast, Chain Home Guard, Cemaes Bay (Asset 52).	Photographic Survey. To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0479	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Chain Home Guard Installation (Asset 65).	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0480	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Wylfa House, Former Site of, and Wylfa Garden, Remains of, Cemaes Bay (Asset 73).	Historic England Level 1 Historic Building Recording.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0481	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Receiving Tower, Chain Home Guard, Cemaes Bay (Asset 84).	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0482	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Limekiln, Porth-y-pistyll (Asset 106).	Historic England Level 3 Historic Building Recording.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0483	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Effects on the setting of Capel Bethlehem, Cemaes (Asset 117).	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0484	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Cestyll House, Former Site of Porth-y-pistyll (Asset 132).	Historic England Level 2 Archaeological earthwork survey. To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0485	Cultural Heritage	Chapter D11, table D11-3 and table D11-6 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Physical damage from vibration to Felin Gafnan Corn Mill, Porth y Felin (Asset 137)	Undertake a vibration risk assessment as part of the s61 application for any construction activity involving vibratory or impact equipment to be used on the Main Site. This assessment would establish safe working distances for receptors in relation to construction vibration. This would ensure that any equipment that is identified as having potentially adverse vibration effects can be located sufficiently away from any sensitive receptors, so that any effects on such receptors can be reduced to negligible. Where works are required within the safe working distances, alternative equipment or working methods would be used to reduce vibration levels on sensitive receptors to the greatest extent practicable. Appropriate vibration monitoring would be carried out at the closest receptors to determine the success of these requirements. ~~(please refer to chapter 6 (noise and vibration) more information on this additional mitigation measure).~~	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0486	Cultural Heritage	Chapter D11, table D11-6 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Nant Orman, Cemaes (Asset 138)	To be covered by an ~~Development of an~~ Archaeological Mitigation ~~Strategy~~ Scheme for the WNDA which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0487	Cultural Heritage	Chapter D11, table D11-6 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77) New mitigation proposed to reach agreement on issues raised in SoCG discussions. Response to FWQs/WRs/LIRs	Effects on the setting of Felin Gafnan Corn Mill, Porth y Felin (Asset 137).	A Historic building survey and recording will be undertaken of the remaining outbuilding to a Level 4 standard. This will provide a drawn and photographic record of this heritage asset. A dilapidation survey will also be undertaken once works are completed; this is secured in the Draft DCO s.106 ~~Photographic survey to document current setting.~~	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0488	Cultural Heritage	Chapter D11, table D11-6 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77) New mitigation proposed to reach agreement on issues raised in SoCG discussions. Response to FWQs/WRs/LIRs	Effects on the setting of Corn drying house at Felin Gafnan (Asset 141).	A Historic building survey and recording will be undertaken of the remaining outbuilding to a Level 4 standard. This will provide a drawn and photographic record of this heritage asset. A dilapidation survey will also be undertaken once works are completed; this is secured in the Draft DCO s.106 ~~Photographic survey to document current setting.~~	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0489	Cultural Heritage	Chapter D11, table D11-6 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77) New mitigation proposed to reach agreement on issues raised in SoCG discussions. Response to FWQs/WRs/LIRs	Effects on the setting of Mill House at Felin Gafnan, Cylch-y-Garn (Asset 144).	A Historic building survey and recording will be undertaken of the remaining outbuilding to a Level 4 standard. This will provide a drawn and photographic record of this heritage asset. A dilapidation survey will also be undertaken once works are completed; this is secured in the Draft DCO s.106 ~~Photographic survey to document current setting.~~	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0490	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Simdda Wen (site of) (Wylfa Sports and Social Club) (Asset 147).	Historic England Level 1 Historic Building Recording.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0491	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Cattle Grid Lodge, Simdda Wen (Asset 170).	Historic England Level 3 Historic Building Recording.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0492	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Effects on the setting of Pont Cafnan Farm Outbuildings (Asset 173).	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0493	Cultural Heritage	Chapter D11, table D11-6 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Effects on the setting of Cafnan House and Outbuildings (Asset 181)	Photographic survey and Level 2 Historic Landscape Recording to document current setting.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0494	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Swn y Mor House and Outbuildings (Asset 194)	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0495	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Council Depot, Tregele (Asset 206)	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0496	Cultural Heritage	Chapter D11, table D11-6 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Tyddyn Gele, Garage and Outbuildings (Asset 263)	Historic England Level 3 Historic Building Recording	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0497	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Effects on the setting of Caerdegog Isaf and Outbuilding and Lower Farm and Outbuildings (Asset 286).	Photographic survey to document current setting of the asset.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0498	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Stone Field Barn South of Tregele (Asset 317).	Level 3 Historic Building Recording.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0499	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Effects on the setting of Groesfechan (Asset 341).	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0500	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Barn, North-east of Neuadd (Asset 823).	Historic England Level 3 Historic Building Recording.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0503	Cultural Heritage	Chapter D11, table D11-7 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Sylvia Crowe Landscaping Area (HLT 3) - Removal of designed landscape elements. Visual intrusion into views of Dame Sylvia Crowe's landscape. Noise from construction activities would result in intrusion into this HLT.	Level 2 Historic Landscape survey and photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0504	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of elements of Cemaes (HLT 7).	Level 2 Historic Landscape survey and photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0505	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of elements of Wylfa (HLT 8).	Level 2 Historic Landscape survey and photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0506	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of elements of Cemlyn Coastal Strip (HLT 9).	Level 2 Historic Landscape survey and photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0507	Cultural Heritage	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of elements of Fieldscape, North-west Mon (HLT 10).	Level 2 Historic Landscape survey and photographic survey.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0510	Cultural Heritage	Chapter D11, paragraph 11.6.10 (Application Reference Number: 6.6.11)	Mitigate effects on unexpected marine archaeological remains.	Make appropriate arrangements for the discovery of unexpected marine archaeological remains, for example a Protocol for Archaeological Discoveries.	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0511	Cultural Heritage	Chapter D11, paragraph 11.4.7 (Application Reference Number: 6.6.11)	Potential effects on archaeological and paleoenvironmental remains preserved within the peat at Tre'r Gof SSSI.	Avoidance of works within the Tre'r Gof SSSI boundary and buffer zones, and through the minimisation of any new drainage within this area.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Embedded
0512	Cultural Heritage	Chapter D11, paragraph 11.4.7 (Application Reference Number: 6.6.11)	Physical effects on Sylvia Crowe Landscaping Area (HLT 3).	The wooded mounds forming part of the landscape design for the Existing Power Station by Dame Sylvia Crowe would be retained.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded

0513	Cultural Heritage	Chapter D11, paragraph 11.4.7 (Application Reference Number: 6.6.11)	Effects on the setting of heritage assets.	Phased implementation of landscape mounding, seeding of pasture and woodland planting to include early creation of the outer slopes of the linear landscaped mound adjacent to Tregele, and landscape mounding on the edge of Cemaes.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0514	Cultural Heritage	Chapter D11, paragraph 11.4.7 (Application Reference Number: 6.6.11) Clarification	To avoid effects on Assets WA7000 and WA7001.	Two magnetic anomalies of uncertain origin but of possible archaeological interest (Asset WA7000 and Asset WA7001) have been identified within the micro-sited area for rock disposal. No rock disposal would take place within 50m of on Assets WA7000 and WA7001.	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 12	Embedded
0515	Cultural Heritage	Chapter D11, paragraph 11.4.12 (Application Reference Number: 6.6.11)	To offset the effects on archaeological remains and historic buildings through provision of interpretation.	Six simple interpretation boards providing information on topics including archaeological remains and historic building would be provided. These would be located at: • Wylfa Head (top of Porth yr. Ogof); • Site of the proposed Visitor and Media Reception Centre; • Porth yr. Felin; • Mound C; • New Fisherman's car park; and • near Penrhyn access point.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 12	Embedded
0516	Cultural Heritage	Chapter D11, paragraph 11.4.12 (Application Reference Number: 6.6.11)	Effects on the setting of heritage assets.	New tree and shrub planting will be undertaken to restore characteristic field pattern with traditional boundary types including hedgerows, to integrate the Power Station into the landscape.	Operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0517	Cultural Heritage	Chapter D11, paragraph 11.4.12 (Application Reference Number: 6.6.11)	Effects on the setting of heritage assets.	Landscape mounding and woodland planting would be provided to help soften views of the Power Station and to help integrate the Power Station into the landscape. Where practicable, excess land would be returned to agriculture, in conjunction with proposed ecological enhancement measures, as part of the landscape restoration proposals for landscape integration of the Power Station.	Operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
1189	Cultural Heritage	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Access to valley garden during operation via proposed private access from Cemlyn Road	During Operation a public means of access will be provided to the new southern entrance of Valley Gardens, in the form of a Permissive Footpath along the Private Means of Access.	Operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional
1190	Cultural Heritage	New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/WRs/LIRs	Additional Mitigation for • Felin Gafnan Corn Mill (Grade II* Listed Building); • Mill House at Felin Gafnan (Grade II* Listed Building); and • The Corn-drying House at Felin Gafnan (Grade II Listed Building);	Level 4 historic buildings survey and dilapidation surveys of the three buildings. 2. Interpretation (traditional interpretation (e.g. interpretation boards, leaflets) Could tie-in with any interpretation proposals for the Wales Coast Path 3. Offer for repairs if our works are damaging the mill or the other two buildings	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

1191	Cultural Heritage	New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/ WRs/LIRs	Archaeological Mitigation Scheme-WNDA	The Archaeological Mitigation Scheme for the WNDA will be prepared in accordance with Section 12 of the Wylfa Newydd CoCP . A Written Scheme of Investigation must be prepared in accordance with the Chartered Institute for Archaeologist's standards and guidance and provide the following details: • The type of investigation proposed for the affected asset or group of assets, proportionate to its significance and the significance of the effect under the Environmental Statement; • Aims and objectives of investigation based on published research frameworks and agenda, if available; • Method and programme for fieldwork previously undertaken and to be undertaken and post-fieldwork assessment, and reporting assessment and reporting, analysis, publication, dissemination and archiving; and • Proposals for public engagement and participation.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
Volume D, Coastal Processes and Costal Geomorphology							
0518	Coastal Processes and Costal Geomorphology	Chapter D12 12.4.56 (Application Reference Number 6.4.12)	Reduce changes to coastal and marine processes and effects on coastal geomorphology receptors.	The design and construction of the breakwaters, MOLF, CW intake and outfall structures and dredging activities would include a number of features consistent with reducing changes to coastal and marine processes and effects on coastal geomorphology receptors. These primarily include footprints as small as practicable for the breakwaters and the temporary causeway.	Construction	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Embedded
0519	Coastal Processes and Costal Geomorphology	Chapter D12 12.4.7, 12.4.57 (Application Reference Number 6.4.12)	Reduce fine sediments discharging to the marine environment.	The sediment control design element of the design of the construction drainage system would reduce mobilisation and transport of fine suspended sediment. Methods would be applied to manage the discharge of sediment (by means of the Main Power Station Site sub-CoCP).	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0520	Coastal Processes and Costal Geomorphology	Chapter D12 12.4.58 (Application Reference Number 6.4.12)	Reduce effects of construction, including pollution, on coastal and marine processes and effects on coastal geomorphology receptors.	Specific mitigation measures in relation to air, noise, traffic, and water quality, including the implementation of appropriate guidance for pollution prevention are detailed in the Wylfa Newydd CoCP (Deadline 5, Rev 3), Main Power Station Site sub-CoCP (Deadline 5, Rev 3) and Marine Works sub-CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Main Power Station Site sub-CoCP (Deadline 5, Rev 3) and Marine Works sub-CoCP (Deadline 5, Rev 3)	Good practice
0521	Coastal Processes and Costal Geomorphology	Chapter D12 12.4.66 (Application Reference Number 6.4.12)	Reduce disruption to coastal processes.	The key embedded mitigation for operation of the western breakwater (after removal of the temporary causeway) would be a gap between it and the land to enable continued throughput and flushing of water and sediment.	Operation	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Embedded
0522	Coastal Processes and Costal Geomorphology	Chapter D12 12.4.67 (Application Reference Number 6.4.12)	Effect on wave reflection potentially affecting the Esgair Gemlyn shingle ridge.	Embedded mitigation would include the concrete armour at the western breakwater along the seaward perimeter to increase roughness and dissipate the energy of incoming waves thus reducing the extent of changes to wave energy through reflection.	Construction	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Embedded
0523	Coastal Processes and Costal Geomorphology	Chapter D12 12.4.68 (Application Reference Number 6.4.12)	Reduce effects on coastal processes.	Management of the intake and outfall flows to include a number of features intended to reduce changes to erosion or deposition. These include designing as small a footprint to the structures as practicable.	Operation	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Embedded
0524	Coastal Processes and Costal Geomorphology	Chapter D12 12.4.69 (Application Reference Number 6.4.12)	Reduce erosion and scour within the inner harbour area.	The CW intake velocity has been designed not to exceed 0.3m/s at Lowest Astronomical Tide which is 3.6m below AOD. This will reduce erosion as far as practicable.	Operation	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Embedded

0525	Coastal Processes and Costal Geomorphology	Chapter D12 12.4.70 (Application Reference Number 6.4.12)	Reduce effects of operation on coastal and marine processes and effects on coastal geomorphology receptors.	Management strategies would be set out in the Wylfa Newydd CoOP (Deadline 5, Rev 3). This would outline how targets, to be agreed with regulators, would be achieved with respect to management and implementation.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3)	Good practice
0526	Coastal Processes and Costal Geomorphology	Chapter D12 12.4.73 (Application Reference Number 6.4.12)	Reduce disruption caused by removal of structures including the cooling water intake and outfall.	Embedded mitigation during decommissioning would be based upon standard construction best practice applicable at that time.	Decommissioning	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Embedded
0527	Coastal Processes and Costal Geomorphology	Chapter D12 12.4.74 (Application Reference Number 6.4.12)	Reduce disruption caused by removal of structures including the cooling water intake and outfall.	Good practice mitigation during decommissioning would be based upon standard construction best practice applicable at that time.	Decommissioning	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Good practice
0528	Coastal Processes and Costal Geomorphology	Chapter D12 12.5.85 (Application Reference Number 6.4.12) New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/WRs/LIRs	Reduce fine sediments discharging to the marine environment.	For the Nant Cemlyn (which drains to the Cemlyn Lagoon) specific measures to manage the discharge of sediment will be undertaken during construction of Mound E. Flow would be diverted into the Afon Cafnan until vegetation establishes and risk of sediment discharge (as agreed with NRW) would be low; • From the point of commencement of earthworks on the western side of Mound E, no water will be discharged into Nant Cemlyn (draining into the Cemlyn Lagoon) via discharge E1 until vegetation has re-established and risk of sediment run off is agreed (in writing) with NRW to be low; • During the period(s), where there are no discharges to Nant Cemlyn, all water collected in the drainage network on the west side of Mound E will be diverted and discharged into the into Afon Cafnan via discharge E2. • To inform understanding of the background variability in suspended sediment concentrations, baseline water quality monitoring in Nant Cemlyn will be agreed with NRW in writing prior to this monitoring being initiated. This will inform agreement on the water quality it be appropriate to discharge into Nant Cemlyn from the western face of Mound E. (i.e. on sediment runoff). The monitoring will commence and be undertaken for at least 12 months prior to the works commencing. Discharge will only be returned to the Nant Cemlyn when an agreed water quality threshold (or range) has been met. • After establishment of vegetation, if there are any additional bulk earthworks on the west of Mound E resulting in a risk of sediment discharge, overpumping will resume along with monitoring of the Mound E discharges and no water will be discharged into Nant Cemlyn via discharge E1 until re-establishment has been again been agreed in writing with NRW; and • When discharges are made to Nant Cemlyn, no polyelectrolyte dosing will be employed for discharge E1 Horizon will produce a baseline water quality data set that is representative of the flow regime for both Nant Cemlyn and (in due course) Mound E before and during the Earthworks to help define the point in time or threshold at which it is appropriate to return water to the Nant Cemlyn. The water quality monitoring proposals for Nant Cemlyn include: • continuous flow discharge and turbidity monitoring, monthly spot sampling, monthly spot flow monitoring and event based sampling • A monthly report will include information on antecedent weather conditions, a review of the performance of the monitoring network and data quality • Overpumping proposals, and monitoring of drainage discharge from Mound E • Online turbidity monitoring If possible, the water quality threshold or range within which water can be returned to Nant Cemlyn will be agreed with NRW before the start of the earthworks on Mound E. The monitoring and mitigation process will be overseen by Hydrological and Ecological Clerks of Works employed throughout construction process.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
1192	Coastal Processes and Costal Geomorphology	Response to FWQs/WRs/LIRs	Release of suspended sediment into the sea during construction of permanent structures	Additional procedures would be implemented where required and be subject to approval by NRW under the construction water discharge Environmental Permit. Additional procedures (as necessary) may include: • preventing water from entering the excavated area behind the coffer dam, by using cut-off ditches for example; • using pump sumps in excavations; • supporting inlet hoses above the bed to avoid fine sediment being “sucked in”; • use of appropriate pumping rates to avoid disturbance to the excavated bed; • protection of the pump inlet to avoid drawing in aquatic life and other debris; • excavating temporary ponds to allow sediment to settle out; and • minimising disturbance of any standing water.	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 10	Additional

1193	Coastal Processes and Costal Geomorphology	New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/WRs/LIRs	Esgair Cemlyn - Coastal processes monitoring and mitigation	To validate the modelling and assessment work undertaken to predict the no effect of coastal processes on Esgair Gemlyn, Horizon will implement coastal processes monitoring and mitigation. The key objectives for the monitoring programme are: • to generate a suitable baseline • to understand the effect of natural variability;;and, • to generate a baseline dataset for adaptive management mitigation. To meet the monitoring objectives, Horizon has secured the following monitoring programme. • Annual ground topographic surveys undertaken during the construction phase • Three LIDAR surveys would also be undertaken at years 1, 4, and 8 to examine sediment volume (in additional to profile). Monitoring data will be reported in an annual report building on successive datasets to examine temporal trends in ridge profile, storm response and broader scale sediment changes/trends against a set of objectives and principles. The annual report will make recommendations on the coastal processes monitoring and mitigation as part of the ongoing adaptive management mitigation approach. Adaptive management mitigation will be used to inform the decision to implement mitigation if its shown the breakwater results in changes to Esgair Gemlyn outside of natural variability The coastal processes monitoring and mitigation will be updated accordingly through its implementation and cease once it is demonstrated that the impacts from the Wylfa Newydd DCO Project are no greater than the residual not significant effects predicted in the Draft DCO application.	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
1194	Coastal Processes and Costal Geomorphology	New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/WRs/LIRs	Marine Monitoring Programme	Horizon will implement a marine monitoring programme to assess the effectiveness of the marine ecological enhancement measures against a suite of clearly defined environmental objectives. This will be a continuation of work during the construction phase of the Wylfa Newydd DCO Project. Details of the monitoring programme (e.g. survey type and frequency), assessment approach (e.g. the environmental objectives and metrics) and potential remedial action will be discussed and agreed with NRW through the Marine Licensing process. However, this would be expected to include examining the success of marine restoration and ecological enhancement measures and investigating the potential establishment of non-native species. The monitoring data will be used to inform the decision to implement further ecological enhancement if necessary and the programme will cease once it has been demonstrated that the environmental objectives have been met.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 14	Additional
Volume D, Marine Environment							
~~0529~~	~~Marine Environment~~	~~Chapter D13 13.5.76 (Application Reference 6.4.13)~~	~~Manage surface water run-off.~~	Superseded by the new Requirement on preparation and submission of an Overarching Drainage Scheme for WNDA ~~Horizon will install appropriate drainage on-site prior to main construction. This would include sediment settlement ponds, appropriate treatment to manage flows and meet agreed water quality thresholds. An application would be made for an Environmental Permit which would set limits on the concentrations of substances which could be discharged to protect the receiving surface water.~~	~~Construction~~	~~Phasing Strategy (Deadline 5, Rev 3) and Main Power Station Site sub-CoCP (Deadline 5, Rev 3)~~	~~Embedded~~
0530	Marine Environment	Chapter D13 13.5.77 (Application Reference 6.4.13)	Manage suspended solids.	Surface water runoff from exposed topsoil during construction and later from the newly formed landscape mounds will be managed by a treatment train of sustainable drainage system (SuDS) features, as detailed in appendix D8-8 (Application Reference Number: 6.4.33). Sediment settlement ponds would be used in conjunction with other measures including silt traps, silt curtains, silt fences and vegetated channels. Ditches would be constructed around the base of the landscape mounds to allow flows to be captured and discharged to the drainage system. The discharge limit for suspended solids for each discharge point would be set in the construction Environmental Permit with the limit set based on baseline conditions so that there would be no significant effect on the receiving water. The design has been prepared to meet a minimum treatment standard of between 40mg/l and 70mg/l total suspended solids (depending upon the background concentration in the receiving watercourse) during normal rainfall conditions. Chemical dosing may be required during the construction stage if there is insufficient settlement of solids in the settlement ponds (e.g. due to high flow rates). Details are provided in appendix D8-8 (Application Reference Number: 6.4.33).	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 10	Embedded
0531	Marine Environment	Chapter D13 13.5.78 (Application Reference 6.4.13) Clarification	Reduce suspended solids and contamination during dredging.	Capital dredging of superficial soft sediments within the marine component of the Wylfa Newydd Development Area will be restricted to the area identified in a dredging plan. The dredging plan will be agreed with NRW prior to works commencing under the Marine Licence. ~~As set out in the Marine Works sub- CoCP (Deadline 5, Rev 3) dredging of soft sediments in Porth-y-pistyll will be restricted to the area identified in the dredging plan and the duration will be shortened as far as practicable, in order to reduce suspended solids concentrations and the release of sediment-bound contaminants~~.	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 10	Embedded

0532	Marine Environment	Chapter D13 13.5.79 (Application Reference 6.4.13)	Reduce amount of dredged material and transport of INNS.	As set out in the Marine Works sub- CoCP (Deadline 5, Rev 3) where possible excavated rock material would be used in the construction of marine structures to reduce the volume of material imported to site and the amount requiring marine disposal. This would reduce the possibility of transmitting INNS via excavated materials.	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 10	Embedded
~~0533~~	~~Marine Environment~~	~~Chapter D13 13.5.80 (Application Reference 6.4.13)~~ ~~Responding to FWQs/WRs/LIRs~~	~~Reduce impact of suspended sediments and settlement at Disposal Site.~~	Superseded by 1196 ~~As set out in the Marine Works sub- CoCP (Deadline 5, Rev 3) and the Marine Licence application, where practicable, disposal of sediment would take place within the central area of the Disposal Site to mitigate any effects beyond the Disposal Site boundary. Rock material would also be deposited within a micro-sited area of the Disposal Site, which will be determined by benthic surveys within 12 months of intended disposal activities~~	~~Construction~~	~~Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 9~~	~~Embedded~~
0534	Marine Environment	Chapter D13 13.5.81 (Application Reference 6.4.13)	Maintain hydrodynamic flows in Porth-y-pistyll.	As set out in volume 2 of the Design and Access Statement (Power Station Site, Application Reference Number: 8.2.2) the design and position of the western breakwater would ensure that a sufficient gap exists at the landward end, post construction of the Marine Works. This would be designed to maintain appropriate hydrodynamic flows and allow mixing within Porth-y-pistyll and prevent long-term physical disturbance to habitats located to the west of the breakwater structures around Cerrig Brith during the remainder of the construction phase of the Wylfa Newydd Project. The design would also consider wave refraction to reduce changes to hydrodynamics (bed shear stress and scour) and wave climate from the presence of the breakwaters and MOLF.	Operation	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Embedded
0535	Marine Environment	Chapter D13 13.5.82 (Application Reference 6.4.13)	Reduce size of breakwater to maintain connectivity for migratory fish.	As set out in volume 2 of the Design and Access Statement (Application Reference Number: 8.2.2) the footprint of the breakwaters, Cooling Water intake and outfall structures, temporary causeway, including dredging activities would be designed to be as small as practicable (whilst meeting operational requirements). This would ensure migratory fish species such as European eel and sea trout are not prevented from entering and leaving freshwater habitat in the Afon Cafnan during the construction phase	Construction	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Embedded
0536	Marine Environment	Chapter D13 13.5.83 (Application Reference 6.4.13)	Hard surface providing potential for utilisation as artificial rocky reef.	As set out in the Phasing Strategy (Deadline 5, Rev 3) and the Access Statement – volume 2 (Application Reference Number: 8.2.2) The design of the breakwater structures will introduce new hard surfaces which could potentially have the capacity to function as an artificial rocky reef, providing new colonisation opportunities for species dependent on hard substrate [RD29].	Construction	Phasing Strategy (Deadline 5, Rev 3), Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Embedded
0537	Marine Environment	Chapter D13 13.5.84 (Application Reference 6.4.13)	Presence of breakwater provides potential haul out for seals and refuge for birds.	As set out in the Phasing Strategy (Deadline 5, Rev 3) and the Design and Access Statement – volume 2 (Application Reference Number: 8.2.2) The design of the permanent breakwaters will provide intertidal areas for grey seals to haul out. The development of habitats and species on the breakwater structures could also potentially provide habitat, food and refuge resources for seabirds.	Construction	Phasing Strategy (Deadline 5, Rev 3), Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Embedded
0538	Marine Environment	Chapter D13 13.5.85 (Application Reference 6.4.13) Clarification	Managing suspended sediments.	As stated in Landscape and Habitat Management Strategy (Deadline 5, Rev 3) the sediment control design element of the design of the construction drainage system will reduce mobilisation and transport of fine suspended sediment. Methods would be applied to manage the discharge of sediment (by means of the Main Power Station Site sub-CoCP, For the Nant Cemlyn (which drains to the Cemlyn Lagoon) specific measures would be undertaken during construction of Mound E. Flow would be diverted into the Afon Cafnan until vegetation became established and risk of sediment discharge (as agreed with NRW) would be low. Cumulative flows to the Afon Cafnan will be managed to avoid any significant change in flood risk.	Construction	Main Power Station Site sub-CoCP, (Deadline 4, Rev 3), Chapter 10 Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0539	Marine Environment	Chapter D13 13.5.87 (Application Reference 6.4.13)	Best practice measures for controlling dust, noise, accidental release.	An overarching Wylfa Newydd CoCP (Deadline 5, Rev 3) and relevant sub-CoCPs (Main Power Station Site and Marine Works, Application Reference Numbers: 8.7 to 8.8) set out environmental management requirements to mitigate construction activities. These documents include best practice, where practicable, such as environmental emergency management as well as dust and sediment management strategies. Pollution prevention strategies are also set out to reduce the potential for, and the scale of, any accidental leaks and spills during the proposed activities. All bulk fuel storage would be within engineered containment facilities including suitably bunded tanks.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Main Power Station Site sub-CoCP (Deadline 5, Rev 3) and Marine Works sub-CoCP (Deadline 5, Rev 3)	Good practice

0540	Marine Environment	Chapter D13 13.5.86 (Application Reference 6.4.13) New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/WRs/LIRs	Managing control of sediments into Nant Cemlyn.	For the Nant Cemlyn (which drains to the Cemlyn Lagoon) specific measures to manage the discharge of sediment will be undertaken during construction of Mound E. Flow would be diverted into the Afon Cafnan until vegetation establishes and risk of sediment discharge (as agreed with NRW) would be low; • From the point of commencement of earthworks on the western side of Mound E, no water will be discharged into Nant Cemlyn (draining into the Cemlyn Lagoon) via discharge E1 until vegetation has re-established and risk of sediment run off is agreed (in writing) with NRW to be low; • During the period(s), where there are no discharges to Nant Cemlyn, all water collected in the drainage network on the west side of Mound E will be diverted and discharged into the into Afon Cafnan via discharge E2. • To inform understanding of the background variability in suspended sediment concentrations, baseline water quality monitoring in Nant Cemlyn will be agreed with NRW in writing prior to this monitoring being initiated. This will inform agreement on the water quality it be appropriate to discharge into Nant Cemlyn from the western face of Mound E. (i.e. on sediment runoff). The monitoring will commence and be undertaken for at least 12 months prior to the works commencing. Discharge will only be returned to the Nant Cemlyn when an agreed water quality threshold (or range) has been met. • After establishment of vegetation, if there are any additional bulk earthworks on the west of Mound E resulting in a risk of sediment discharge, overpumping will resume along with monitoring of the Mound E discharges and no water will be discharged into Nant Cemlyn via discharge E1 until re-establishment has been again been agreed in writing with NRW; and • When discharges are made to Nant Cemlyn, no polyelectrolyte dosing will be employed for discharge E1 Horizon will produce a baseline water quality data set that is representative of the flow regime for both Nant Cemlyn and (in due course) Mound E before and during the Earthworks to help define the point in time or threshold at which it is appropriate to return water to the Nant Cemlyn. The water quality monitoring proposals for Nant Cemlyn include: • continuous flow discharge and turbidity monitoring, monthly spot sampling, monthly spot flow monitoring and event based sampling • A monthly report will include information on antecedent weather conditions, a review of the performance of the monitoring network and data quality • Overpumping proposals, and monitoring of drainage discharge from Mound E • Online turbidity monitoring If possible, the water quality threshold or range within which water can be returned to Nant Cemlyn will be agreed with NRW before the start of the earthworks on Mound E. The monitoring and mitigation process will be overseen by Hydrological and Ecological Clerks of Works employed throughout construction process.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 10	Embedded
0541	Marine Environment	Chapter D13 13.5.88 (Application Reference 6.4.13)	Ecological clerk of works and environmental liaison to ensure accordance with mitigation.	As set out in the Marine Works sub-CoCP (Deadline 5, Rev 3) a suitably qualified and experienced person would be employed during the construction phase to monitor the environmental aspects of the Wylfa Newydd Project. For example, where activities necessitate an Ecological Clerk of Works/environmental liaison officer will be present to ensure the works proceed in accordance with best practice guidance and adhere to the mitigation measures as outlined here. This person would work with the appointed construction contractors with regard to implementation of the environmental mitigation measures.	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0542	Marine Environment	Chapter D13 13.5.89 (Application Reference 6.4.13)	Best practice methods with marine plant.	As set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3) marine and land-based plant would be used in line with best practice construction methods, for example machinery would be switched off when not in use and drip trays would be placed under plant and appropriate bunding will be in place where necessary.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0543	Marine Environment	Chapter D13 13.5.90 (Application Reference 6.4.13)	Best practice management of airborne noise.	In accordance with the management strategy set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and relevant sub-CoCPs (Main Power Station Site and Marine Works, (Deadline 5, Rev 3), methods would be applied to all works to control noise and vibration.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8 Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 8 and Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0544	Marine Environment	Chapter D13 13.5.91 (Application Reference 6.4.13)	Monitoring.	The management strategy set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and relevant sub-CoCPs (Main Power Station Site and Marine Works, (Deadline 5, Rev 3), will include monitoring locations within the Wylfa Newydd Development Area including close to Cemlyn Bay. The scope of the monitoring, including the locations, would be discussed and agreed with NRW.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Main Power Station Site sub-CoCP Application Reference Number: 8.7) and Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 14	Good practice

0545	Marine Environment	Chapter D13 13.5.92 (Application Reference 6.4.13) New mitigation proposed to reach agreement on issues raised in SoCG discussions. Response to FWQs/WRs/LIRs	Control of INNS, Marine Biosecurity Risk Assessment	~~In accordance with the Marine Works sub-CoCP (Deadline 5, Rev 3)~~ Horizon will produce and adhere to a Biosecurity Risk Assessment and Method Statement based on industry standards and in accordance with the principles in the Wylfa Newydd CoCP (Deadline 5, Rev 3) Marine Works sub-CoCP (Deadline 5, Rev 3), which will be approved by NRW under the Marine Licence.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11 Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0546	Marine Environment	Chapter D13 13.5.96 and 13.5.112 (Application Reference 6.4.13)	Abstraction mitigation.	The Cooling Water System would be designed to limit the entrapment of marine organisms including the following measures. • A maximum intake velocity of 0.3m/s in front of the intake opening at LAT. • Screening in the form of coarse raked bars located in front of fine mesh drum screens (for the main Cooling Water intake) and band screens (for the service water intake). The proposed fine mesh screen size is 5mm. There are likely to be a minimum of four main screens at the Cooling Water intake and two service water (reactor service water and turbine service water) intake screens per unit; this would incorporate redundancy to allow maintenance and biocide treatment of screens and adequate and effective fish handling capacity. • An AFD in front of the Cooling Water intake, designed in line with Best Available Technique [RD30]. The sound field would be located in the most appropriate location within the intake entrance; it would be specified to allow redundancy in the system and would be supported by modelling to demonstrate a uniform sound field. It would also be designed to avoid effects on marine mammals. • An effective FRR system, discharge point located below LAT, designed in line with the Best Available Technique that would remove fish impinged on all screens and return them to sea.	Pre-operation	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Embedded
0547	Marine Environment	Chapter D13 13.5.96 and 13.5.112 (Application Reference 6.4.13)	Control of dosing.	Management of the biocide dosing (sodium hypochlorite) regime to control biofouling of the CWS while preventing harm to fish impinged on screens, in line with best practice, continuous dosing will be applied during a higher fouling risk period. To control biofouling, treatment of the CWS is required. Sodium hypochlorite or appropriate alternatives would be used for this purpose. The biocide dosing regime would be designed to reduce biofouling risk, normally between April and December, when sea temperatures are above 10°C. Typically, biocide dosing would be applied to all areas of the CWS except around screens to prevent harm to fish impinged on screens.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 14	Embedded
0548	Marine Environment	Chapter D13 13.5.113 (Application Reference 6.4.13)	Momentum of CW discharge.	As set out in volume 2 of the Design and Access Statement (Application Reference Number: 8.2.2) the Cooling Water outfall would be designed to increase the momentum of the discharge, to help propel the thermal plume, and promote mixing and dispersal of associated biocide products to the north of Wylfa Head where the offshore currents will aid dispersion and decay, and reduce the risk of recirculation.	Operation	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Embedded
0549	Marine Environment	Chapter D13 13.5.114 (Application Reference 6.4.13)	Standard operational mitigation.	The Wylfa Newydd CoOP (Deadline 5, Rev 3) sets out mitigation measures for operational activities with the potential to cause significant effects (for example, in relation to air, noise, traffic, water quality etc.).	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 5,7,8,10	Good practice
0550	Marine Environment	Chapter D13 13.8.6 (Application Reference 6.4.13)	INNS monitoring.	As additional mitigation a monitoring programme for non-native species would be implemented (as outlined in the Marine Works Sub-CoCP (Application Reference Number 8.8) to include observational surveys on structures that may provide substrate for non-native species. Surveys would record presence/abundance of non-native species with reporting in agreement with NRW. An initial pre-construction survey would be undertaken and regular surveys would begin once construction of the breakwaters and MOLF is completed. The frequency and extent of monitoring would reduce over time, particularly once the MOLF is no longer operational. The ongoing requirement for monitoring would be regularly reviewed and agreed with NRW.	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional

0551	Marine Environment	Chapter D13 13.8.8 (Application Reference 6.4.13) New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/WRs/LIRs	Habitat enhancement.	As additional mitigation, it is proposed that marine ecological enhancement measures will also be provided in suitable locations by engineering design and functionality. Measures to include 1. 90 precast vertical rockpools will be installed at various heights on the MOLF wall (installation will be phased with a number of rockpools installed immediately following construction of the MOLF, and the remaining installed at the end of Main Construction 2. Retro-fitting additional surface heterogeneity at the centimetre scale (e.g. tiles with grooves and crevices) to the MOLF following construction. The feasibility of implementation will be determined through a deploy and monitor approach. The maximum number of tiles deployed would be governed by the need to ensure that this mitigation measure (either alone or in combination with other measures) does not present a security risk to the Power Station Site and meets relevant health and safety requirements 3. 10 precast rockpools will be installed in rock armour on the western breakwater; 4.Areas of rock armour (including the leeward face of the western breakwater, and any rock ~~the~~ revetment ~~adjacent to the eastern breakwater and southern part of the skimmer wall)~~ will be seeded with natural rock won from the site where practicable. Alternatively imported material akin to natural rock will be used. 4. Ecological enhancement of 16m3 precast concrete units on the breakwaters, to include textured surfaces; 6. Retaining surface roughness within the dredged area to promote recolonisation 7.Small scale seeding or transplanting of marine kelp of subtidal areas; 8. A monitoring programme to assess the effectiveness of the enhancement measures against a suite of clearly defined ecological objectives which would inform appropriate adaptive management if required. 9. Provision of relevant monitoring data to local schools and universities to promote ecological enhancement of the marine environment. All marine enhancement works would be undertaken in accordance with the Marine Licence to be issued by NRW. ~~pre-cast ecological units (e.g. features similar to bio-blocks) and modification of the permanent artificial structures (e.g. construction material, surface roughness or the addition of surface features). The purpose of marine ecological enhancement measures would be to increase surface and structural heterogeneity, encouraging the colonisation by native marine species and the establishment of diverse and productive intertidal and subtidal habitats within the footprint of the Marine Works.~~	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
0552	Marine Environment	Chapter D13 13.8.9 (Application Reference 6.4.13)	Monitoring of enhancement.	In addition, Horizon will implement a monitoring programme for the marine ecological enhancement measures and permanent structures, developed in consultation with NRW. The aim will be to determine the success of habitat enhancement by monitoring the colonisation of new structures, allowing adaptive management. The monitoring data will be used to inform the decision to implement further ecological enhancement if necessary.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 14	Additional
0553	Marine Environment	Chapter D13 13.8.13 (Application Reference 6.4.13) New mitigation proposed to reach agreement on issues raised in SoCG discussions	Protection of fish through dewatering.	As additional mitigation, 'fish-friendly' pumps would be used for initial dewatering behind the coffer dams. Eel and Fish Transfer Pumps are used by contractors who have to dewater assets/structures that might contain eels or live fish. The purpose is to transfer/ pump fish into other waters without causing damage to the fish. Additional procedures would be implemented where required and be subject to approval by NRW under the construction water discharge Environmental Permit. Additional procedures (as necessary) may include: • preventing water from entering the excavated area behind the coffer dam, by using cut-off ditches for example; • using pump sumps in excavations; • supporting inlet hoses above the bed to avoid fine sediment being "sucked in"; • use of appropriate pumping rates to avoid disturbance to the excavated bed; • protection of the pump inlet to avoid drawing in aquatic life and other debris; • excavating temporary ponds to allow sediment to settle out; and • minimising disturbance of any standing water.	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 10	Additional
0554	Marine Environment	Chapter D13 13.8.15 (Application Reference 6.4.13)	Mitigation for airborne noise on birds.	Airborne noise and vibrations generated from blasting activities has been assessed as having a potentially minor adverse effect on the tern colony in Cemlyn Lagoon. Additional mitigation is set out in the Main Power Station Site sub-CoCP (Deadline 5, Rev 3) and in the Marine Works sub-CoCP (Deadline 5, Rev 3).	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 11 and Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
0555	Marine Environment	Chapter D13 13.8.16 (Application Reference 6.4.13)	Mitigation for airborne noise on birds.	As additional mitigation, between 15 April and 15 August, Horizon would commit to undertake regular monitoring of terns throughout the nesting period. If the colony exhibits fly-up disturbance reactions [to be quantified] as a direct result of attributable noise events or shows a measurable increase in the incidence of disturbance events above those recorded during baseline observation works, then alternative methods of working or additional constraint would be applied. Details of the monitoring and controls are detailed in the Main Power Station Site sub-CoCP (Deadline 5, Rev 3) and in the Marine Works sub-CoCP (Deadline 5, Rev 3).	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 11 and Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional

0556	Marine Environment	Chapter D13 13.8.17 (Application Reference 6.4.13)	Mitigation for airborne noise on birds.	As additional mitigation, in order to allow for additional sensitivities of terns arriving and establishing their nesting colony, additional construction controls would be applied during the 'establishment period', for the remaining period of the tern nesting season post establishment and in all subsequent tern nesting seasons. The details of these construction controls are provided in the Main Power Station Site sub-CoCP (Deadline 5, Rev 3) and in the Marine Works sub-CoCP (Deadline 5, Rev 3).	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 11 and Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
0557	Marine Environment	Chapter D13 13.8.19 (Application Reference 6.4.13) Clarification	Mitigation of underwater noise.	Rock breaking and marine drilling activities are likely to generate similar noise. Piling activities and therefore, best practice guidance will be implemented and followed, including guidance for minimising the risk of injury to marine mammals from piling noise detailed by the Joint Nature Conservation Committee's, Statutory nature conservation agency protocol for minimising the risk of injury to marine mammals from piling noise. This guidance includes the controls listed in the document that will be applied to rock breaking and marine drilling. ~~Underwater noise has been assessed as being not significant for marine mammals and fish, however in undertaking rock breaking and drilling activities that are similar to pilling in terms of noise impact, piling activities, best practice will be followed including Joint Nature Conservation Committee, 2010, Statutory nature conservation agency protocol for minimising the risk of injury to marine mammals from piling noise (as stated in the Marine Works sub-CoCP, Application Reference Number: 8.8).~~	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0558	Marine Environment	Chapter D13 13.8.24 (Application Reference 6.4.13)	Monitoring effectiveness of CWS mitigation.	Horizon will implement a monitoring programme for entrapment (impingement and entrainment) associated with the cooling water intake system. This will assess the effectiveness of fish protection measures embedded in the system during the operation of the Power Station, through a programme to be agreed with NRW, through the operational water discharge Environmental Permit. The monitoring programme will enable any improvements to mitigation measures to be made where necessary.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 14	Additional
1195	Marine Environment	Response to FWQs/WRs/LIRs	Vessel Management Plan, a condition of the Marine License	A Vessel Management Plan (VMP) will be produced to mitigate the possible risk of collision with marine mammals. The overall aim of the VMP is to provide detail on vessel activity associated with the Wylfa Newydd Project, and to describe the vessel management measures that will be put in place in respect of disturbance of marine mammals. The plan will cover appropriate measures which may include the following (to be agreed with the relevant authority): • The location of home/working ports and an indication of how often vessels will transit to and from these ports; • Indicative corridors for vessels transiting to and from the Wylfa Newydd Development Area; • The number, types and specification of vessels; • Vessel coordination; and • Working practices to minimise interaction with marine mammals including specific measures for vessel management. Specific measures for vessel management will include these principles: o Vessels used for the Wylfa Newydd Project will travel to set routes (in accordance with their passage plan) for transit between home ports and their working areas and/or berth point. o Vessels used for the works will maintain constant speed and direction when transiting between home ports and their working areas and/or berth point, unless otherwise required for reasons of navigational safety. o Vessels used for the works will follow the general principles in the NRW 'Sea Wise Code, 2013' and the Isle of Anglesey County Council 'Anglesey Marine Code'. o Monitoring and reporting processes will be implemented in the event of a cetacean collision with a vessel. The VMP will be subject to consultation with NRW and become a condition of the Marine Licence	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 5	Additional
1196	Marine Environment	Response to FWQs/WRs/LIRs	Disposal of superficial soft sediments	Any disposal of rock and sediment will be carried out in accordance with the Wylfa Newydd CoCP and the Marine Licence. Where possible, excavated marine rock will be used in the construction of marine structures to reduce the volume of material imported to site and the amount requiring marine disposal. Relevant permits will be in place for the dewatering of dredged materials rock for reuse onshore within the Wylfa newydd DCO Project or at a third party site. All superficial soft sediment dredged will be disposed at Holyhead North Disposal Site (IS043) in accordance with the Marine Licence to be issued by NRW so that material is retained within the wider sediment budget source. Where practicable, disposal of superficial soft sediment will take place within the central area of the Disposal Site to mitigate any effects beyond the Disposal Site boundary. Rock material will be deposited within a micro-sited area of the Disposal Site which will be determined by surveys agreed with NRW under the Marine Licence before intended disposal activities	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 9	Additional
1197	Marine Environment	New mitigation proposed to reach agreement on issues raised in SoCG discussions.	Management of INNS during Operation	Monitoring for Invasive Non-Native Species (INNS) during operation of the Power Station will be used to enable early detection should introduction of INNS occur within the Wylfa Newydd Development Area. The detailed approach is listed in the WN CoOP which also includes prevention and transfer of INNS through biofouling and ballast water of vessels.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 14	Additional

1198	Marine Environment	New mitigation proposed to reach agreement on issues raised in SoCG discussions. Response to FWQs/WRs/LIRs	ECoW's roles and responsibilities	As set out in the Wylfa Newydd CoCP, Horizon's Environmental Management Team (which will include the Ecological Clerk of Works and equivalent suitably qualified and experienced persons) will ensure that the environmental quality standards and commitments within the DCO and other consents are adhered to during construction. By way of clarification, the roles will span both terrestrial and marine aspects of the Wylfa Newydd Project. Specifically in the marine environment the Environmental Management Team will monitor and record compliance against the environmental controls relating to environmental management and mitigation secured within the DCO, for example the Wylfa Newydd CoCP and sub-CoCPs, and any further controls set and agreed post consent through management schemes, licenses and permits. The team will be responsible for ensuring adequate environmental controls and implementing additional controls if necessary, for example managing the risks around marine INNS or marine mammals as set out in the Marine Works sub-CoCP.	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 7	Additional
1199	Marine Environment	New mitigation proposed as a result of ongoing SoCG discussion Response to FWQs/WRs/LIRs	Shoreline protection and restoration	To address the effects of the footprint of the Marine Works, Horizon will implement shoreline protection and restoration of the intertidal zone following removal of the temporary causeway. Marine restoration will be integrated into the removal of the Temporary Marine Works and will be subject to a method statement which will be produced to include measures for the protection of existing rocky shoreline. Measures will include: • provision for limiting the extent of disturbed shoreline; • placing a protective layer (i.e. a physical barrier such as a geotextile product) over the shoreline prior to temporary construction; and • upon removal of the temporary marine structures, restoration of the intertidal and subtidal areas located under the footprint of the temporary causeway and the intertidal area to the east up to the southern end of the skimmer wall. Restoration will aim to return the habitats or environment to its past natural state and include: • the topography of the substrate including gradient and structural heterogeneity; and, • the 15 rockpools which are currently known to be present within the area and measure greater than 1m². Restoration would be delivered in two phases; • phase 1, being the restoration of the area under the footprint of the temporary causeway following removal of this structure; and, • phase 2, the restoration of the adjacent intertidal area following removal of the temporary Cooling Water intake cofferdam and following skimmer wall construction. Monitoring of the success of restoration will be delivered as part of the wider marine monitoring. All marine restoration works would be undertaken in accordance with the Marine Licence to be issued by NRW.	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
Volume D, Radiology							
0559	Radiology	Chapter D14 14.4.8 (Application Reference Number: 6.4.14)	Control of radioactive sources.	Control of radioactive sources is achieved through a combination of stringent management arrangements and supervision of the use of the sources to ensure all the requirements of the Ionising Radiation Regulations 2017 are met. Horizon would ensure it understands at all times what sources are on the Power Station Site and where they are being used; when sources are not in use they would be kept in secure source stores to prevent loss or damage. Contingency plans for foreseeable incidents would be in place and the response to these plans would be rehearsed. It should be noted that radiography sources are commonly and safely used at major construction sites and Horizon would adopt good practice with regard to managing these sources of radioactivity.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0560	Radiology	Chapter D14 14.4.11 (Application Reference Number: 6.4.14)	Potential for discovery of radioactively contaminated land.	Should radioactively contaminated land or radioactive items be discovered, Horizon would have arrangements in place to make the area safe, protect the workforce, prevent the spread of radioactive contamination and manage the radioactive material in consultation with the regulators. Horizon would utilise Radioactive Waste Advisors and other trained staff to implement these arrangements.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9, Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0561	Radiology	Chapter D14 14.4.54 (Application Reference Number: 6.4.14)	Minimising discharges and disposals and the resulting impact from release of radioactive material to the environment.	The key mechanism for minimising discharges and disposals and the resulting impact from release of radioactive material to the environment is through demonstration of the application of BAT to the management of radioactive wastes.	Operation	Legislation: Environmental Permitting (England and Wales) Regulations 2016	Embedded

0562	Radiology	Chapter D14 14.4.61 (Application Reference Number: 6.4.14)	Transport of radioactive materials and waste.	The use of robust transport containers to transport radioactive materials and waste, in accordance with the Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 5	Good practice
0563	Radiology	Chapter D14 14.4.64 (Application Reference Number: 6.4.14)	Minimising discharges and disposals and the resulting impact from release of radioactive material to the environment.	The key mechanism for minimising discharges and disposals and the resulting impact from release of radioactive material to the environment is through demonstration of the application of BAT to the management of radioactive wastes.	Decommissioning	Legislation: Environmental Permitting (England and Wales) Regulations 2016	Embedded
0564	Radiology	Chapter D14 14.4.65 (Application Reference Number: 6.4.14)	Transport of radioactive materials and waste.	The use of robust transport containers to transport radioactive materials and waste, in accordance with the Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009.	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
Volume D, Shipping and Navigation							
0565	Shipping and Navigation	Chapter D15 table D15-2 (Application Reference Number: 6.4.15) Clarification	Harbour Authority Powers ~~Legal Duty (Statutory Harbour Authority).~~	The Development Consent Order (DCO) constitutes Horizon as the Statutory Harbour Authority (SHA). With respect to port marine safety, the following are primary duties: • Powers of Direction: the DCO includes a power for General Directions providing Horizon the means to manage vessel traffic within the SHA for the purposes of safe operation of the harbour and the protection of property, flora and fauna. • Regulation of dangerous vessels and substances: Horizon, as SHA, will have a duty to manage dangerous vessels and dangerous substances (including pollution). • Civil contingencies duties: all SHAs have a duty under the Civil Contingencies Act 2004 as a Category 2 responder. • Local lighthouse authority (LLA): by virtue of the Merchant Shipping Act, 1995 (section 193), Horizon will become the LLA for its SHA. This provides Horizon with a duty to mark and maintain aids to navigation within the SHA, under the direction of the General Lighthouse Authority (Trinity House). • Conservancy duty: as the SHA, Horizon will have a duty to conserve the harbour so that it is fit for use. This duty includes providing harbour users with information about conditions in the harbour (including available depth obtained through bathymetric survey). • Environmental duty: all statutory bodies, including SHAs, have a duty to conserve biodiversity in their undertakings. In practice, this relates to harbour authority policy and decision making. Horizon, as the harbour authority, will prepare a Port Emergency Plan The Merchant Shipping (Oil Pollution Preparedness Response and Co-operation Convention) Regulations, 1998 requires an Oil Pollution Preparedness, Response and Co-operation Plan The DCO will also constitute Horizon as a Competent Harbour Authority (CHA) within its jurisdiction in respect of the Pilotage Act 1987. This enables pilotage services to be provided in the harbour in accordance with the Pilotage Act 1987. ~~Directions (General) – issued by the Harbour Authority as a set of instructions and general rules that all users of the harbour area must follow. This power would be set out within the Development Consent Order.~~ ~~Directions (Special) – issued by the Harbour Master (or equivalent), this power provides a key control for directing traffic and controlling marine situations within the harbour.~~	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 5	Additional
~~0566~~	~~Shipping and Navigation~~	~~Chapter D15 table D15-2 (Application Reference Number: 6.4.15)~~	~~Port Marine Safety Code Compliance.~~	Superseded by measure 1200, 565, 571 and 572. ~~Marine Safety Management System - Horizon would develop a Marine Safety Management System to provide guidance and procedures to allow safe operations within the harbour. This would be established prior to operations and based on risk assessments. The Marine Safety Management System is a requirement of the Port Marine Safety Code [RD31], set out by the UK Government and provides:~~ ~~• the management system for hazards and risks, and preparations for emergencies for a port;~~ ~~• the mechanism by which port specific customs and practices are formalised and documented, to ensure continuity with staff changes;~~ ~~• safety policies and procedures specific to the port and confirms roles and responsibilities;~~ ~~• regular reviews and performance monitoring of the safety of the port.~~ ~~Hydrographic surveying program - regular scheduled surveys in line with Port Marine Safety Code [RD31] requirements.~~ ~~Dredging programme - informed by the results of hydrographic survey.~~	~~Construction~~	~~Marine Works sub-CoCP (Deadline 5, Rev 3)~~	~~Additional~~

0567	Shipping and Navigation	Chapter D15 table D15-2 (Application Reference Number: 6.4.15)	Publish marine safety information (competent Harbour Authority).	Superseded by measure 1200, 565, 571 and 572. Notices to Mariners – publication of Harbour Authority information, detailing ongoing safety and awareness information to harbour users and to local vessels navigation within area. Large-scale navigational charts - large scale Electronic Navigational Charts can be provided by the United Kingdom Hydrographic Office for vessels using the harbour area. Guidance for small craft - passive (informative) management of leisure traffic by Development Liaison Team, written information to the Royal Yachting Association and local yacht clubs, and available as a web based resource.	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3)	Additional
0568	Shipping and Navigation	Chapter D15 table D15-2 (Application Reference Number: 6.4.15)	Legal Duty (competent Harbour Authority).	Superseded by measure 1200, 565, 571 and 572. Pilots - following a review of the need for Pilotage, Horizon will establish a Pilotage service including Pilotage Directions	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3)	Additional
0569	Shipping and Navigation	Chapter D15 table D15-2 (Application Reference Number: 6.4.15)	Aids to navigation.	Superseded by measure 1200, 565, 571 and 572. Aids to navigation - Horizon would ensure appropriate aids to navigation are provided to light the works appropriately. The location and type of aid would be determined after consultation with Trinity House.	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3)	Additional
0570	Shipping and Navigation	Chapter D15 table D15-2 (Application Reference Number: 6.4.15)	Legal Duty (Contingency planning) (Statutory Harbour Authority).	Superseded by measure 1200, 565, 571 and 572. Port Emergency Plan – a Harbour Authority would create or provide detailed plans and procedures to follow in the event of an emergency in the form of a Port Emergency Plan. The Port Emergency Plan would include measures that the Harbour Authority would need to have in place to accommodate the requirements of the Emergency Services in the event of an emergency. Horizon would provide a similar plan in the absence of a defined Harbour Authority. Oil spill contingency plan - The MCA require an OPRC ((International Convention on) Oil pollution Preparedness, Response and Co-operation) plan to be in place and approved by them prior to the commencement of Marine Works at the site. An oil spill contingency plan would detail actions to be taken in the event of oil spill. Horizon would provide a similar plan in the absence of a defined Harbour Authority. Contingency plan exercises - contingency plan exercises would be carried out as appropriate to test the Harbour Authority's (marine facing) emergency plan. Horizon would carry out similar exercises in the absence of a defined Harbour Authority. Training of port marine personnel – port marine personnel would be trained by the Harbour Authority to use contingency plans and associated equipment. Horizon would provide similar training in the absence of a defined Harbour Authority.	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3)	Additional
1200	Shipping and Navigation	Clarification	Port Marine Safety Code Compliance	The Department for Transport (DfT) and MCA 'Port Marine Safety Code' (PMSC) [RD4] sets out the national standard for port marine safety. The Code is supported in its application by the accompanying document 'A Guide to Good Practice on Port Marine Operations'. In its role as SHA, Horizon will operate the port and harbour area in compliance with the requirements of the PMSC. The key measures required for compliance are set out in the Marine Works sub-CoCP. Horizon will put in place the required components of the PMSC following confirmation of its SHA and CHA status as part of the DCO. Prior to the commencement of Marine Works, Horizon will write to the MCA and provide a compliance statement. Following which, Horizon will report its compliance status on a 3-year cycle along with other SHAs as part of the MCA's Compliance Exercise.	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 5	Additional

0571	Shipping and Navigation	Chapter D15 table D15-2 (Application Reference Number: 6.4.15) Clarification	Port services and vessel traffic monitoring	A 'Local Port Service' (LPS) will be established by Horizon for the purposes of coordinating port services and disseminating port information to vessels and port users. The LPS will be primarily concerned with the monitoring and supply of information including: weather information, tidal and sea state, vessel arrival and departure schedules and pilotage services. The LPS will also act as a control point for the implementation of port emergency response. The LPS will be staffed by trained personnel and will use a range of sensory equipment, including the ability to receive and display Automatic Identification System (AIS) data on an electronic chart display. Monitoring of the harbour will be achieved through a range of methods including closed-circuit television, on-site personnel and harbour launch craft. The LPS will also broadcast navigational and safety information providing vessel movement information within the harbour and its approaches, local weather conditions and any safety-related issues. Horizon will obtain a licence for a dedicated Very High Frequency (VHF) channel from the Office of Communications, with relevant contact details provided to UKHO to updated the Admiralty List of Radio Signals. All dredge/construction vessels involved in the Wylfa Newydd DCO Project, including barges, will carry an AIS Transceiver, which will assist in the monitoring of vessel traffic movements both in the harbour by Horizon's LPS and in the wider sea area by HM Coastguards. The sea state model will be used throughout the construction phase of the MOLF to predict weather conditions and downtime. Horizon will ensure an appropriate safety boat capable of recovering a man overboard (as an on-call reactive response) in the event of an emergency. ~~A Local Port Service (LPS) - a LPS will be established to provide a command and control centre for marine operations relating to vessel activity and on-the-water activity, in line with the guidance in the MCA's Marine Guidance Note [RD32]. It will be staffed by trained operatives using a range of sensor equipment including an AIS receiver to inform and update vessel masters of the prevalent conditions. Its responsibilities could potentially include coordination of marine responses, coordination of emergency responses, CCTV monitoring of the harbour area and being a point of contact for all harbour operations. The LPS will also include a broadcast of detailed movement information within the harbour, including information on local weather conditions and any safety related issues.~~ ~~AIS coverage - all dredge / construction vessels involved in the Wylfa Newydd Project, including barges, will carry AIS (A or B), which will be monitored by LPS marine personnel.~~ ~~Weather forecasting – seastate model will be used throughout the build phase of the MOLF to predict weather conditions and downtime.~~ ~~Dedicated VHF channel - licence obtained from OFCOM, information updated in Admiralty List of Radio Signals (ALRS) [RD33].~~ ~~Towage, available and appropriate - harbour tugs employed to escort vessel through the breakwaters to the berth.~~ ~~Safety boat - appropriate craft capable of recovering a Man Over Board - on call to be available in the event of emergency.~~	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 5	Additional
0572	Shipping and Navigation	Chapter D15 table D15-2 (Application Reference Number: 6.4.15) Clarification	Publication of Marine Safety Information Provision of Towage Safety Zone ~~(competent Harbour Authority).~~	Harbour Authority information will be published in notices to mariners, which will detail ongoing safety and awareness information to harbour users and to local vessels navigating within the area. Horizon will provide hydrographic survey information to the UKHO to allow the production of large scale electronic navigation charts (ENCs) and paper charts. These charting products will be requested by Horizon. Guidance for small craft will be provided in the form of informative management of leisure traffic by the liaison team, written information provided to the Royal Yachting Association and local yacht clubs, and as a web-based resource. Horizon will ensure the availability of appropriate harbour tugs to escort vessels through the breakwaters. The tugs will also assist with manoeuvring and berthing of vessels. Towage guidelines will be published by Horizon to detail the manner in which towage is deployed within the SHA In its capacity as the harbour authority, Horizon will determine and set temporary safety zones to restrict or manage access to certain parts of the harbour during the construction period for safety reasons. Safety zones will be marked with Special Marker buoyage. ~~Safety zone – determined and set by the Harbour Authority within its jurisdiction to restrict or manage access to parts of the harbour for safety reasons.~~	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 5	Additional
~~0573~~	~~Shipping and Navigation~~	~~Chapter D15 table D15-2 (Application Reference Number: 6.4.15)~~	~~Protective fendering~~	Superseded by measure 1200, 565, 571 and 572. ~~Berthing points – protective fendering suitable for the vessels used would be in place on temporary berths, jetties and quays to prevent vessels making contact with the structures.~~	~~Construction~~	~~Marine Works sub-CoCP (Deadline 5, Rev 3)~~	~~Additional~~

~~0574~~	~~Shipping and Navigation~~	~~Chapter D15 table D15-1 (Application Reference Number: 6.4.15)~~	~~Industry practice.~~	Superseded by measure 1200, 565, 571 and 572. ~~· Communications equipment - Appropriate use of communications equipment between the port area and incoming/outgoing vessels.~~ ~~· Notice to mariners - Issued weekly by the Admiralty to advise mariners of important matters affecting navigational safety.~~ ~~· Safe systems of work - Safe working methods to be established at the port to eliminate or reduce risks associated with the identified hazards.~~ ~~· International Regulations for Preventing Collisions at Sea 1972 (COLREGS) [RD34] - Adherence to the international COLREGS, which set out the navigation rules to be followed by ships and other vessels at sea to prevent collisions between two or more vessels.~~ ~~· Emergency services equipment - To be provided shoreside for immediate use by emergency services in the event of a marine incident.~~ ~~· Safety operating procedures - A set of written instructions that document a routine activity, intended to reduce risk and assist with staff training.~~ ~~· Visual observation - Crew on board vessels to be aware of other vessels in their path to allow deviation if required.~~ ~~· Shoreside signage - Provide individuals who are unfamiliar with methods and regulations with information, to reduce risk of marine incidents.~~ ~~· Tidal levels - Tide level observed on-site and made available to vessels to inform navigation.~~ ~~· Vessel safety procedures - Vessels to have their own safety procedures on-board to manage marine incidents, should they occur.~~ ~~· Standards of Training, Certification and Watchkeeping for Seaferers [RD35] - Sets qualification standards for masters, officers and watch personnel on seagoing merchant ships to ensure suitably qualified personnel in vessel operation.~~ ~~· Passage planning - Plan of a vessel's voyage from start to finish to prepare for hazards that may be encountered and reduce impacts associated with these hazards.~~ ~~· Inspections and surveys - Port and flag state inspections and surveys of vessels to ensure they are fit for use – reducing chances of vessel-related marine incident.~~ ~~· Notification of vessel defects - Requirement for vessels to notify the port of any vessel defects allowing for appropriate accommodation of the vessel.~~ ~~· Weather forecasting - Advance warning and weather forecasts gained from available internet resources and metocean forecasts.~~ ~~· Notice of hazardous cargo - Advance warning of hazardous cargo to ensure appropriate measures are put in place for its handling.~~ ~~· Tug/workboat certification - Ensures that tugs/workboats are fit for purpose.~~ ~~· Tow survey - Carried out by classification society to set maximum limits for wind and wave heights.~~	~~Construction~~	~~Marine Works sub-CoCP (Deadline 5, Rev 3)~~	~~Good practice~~
Volume D, Environmental Lighting Impact Assessment							
0575	Lighting	Appendix D10-10, 1.5.33 (Application Reference Number: 6.4.67)	Reduce light spill on sensitive receptors.	As detailed in the Phasing Strategy (Deadline 5, Rev 3) and Construction Method Statement (Deadline 5, Rev 2) earth mounds would be located at the north-east (Mound A), south (Mound B) and south-west (Mound E) extents of the Wylfa Newydd Development Area; these would help to obscure some light spill onto sensitive receptors (Cemaes, Tregele and Cemlyn lagoon).	Construction	Phasing Strategy (Deadline 5, Rev 3) and Construction Method Statement (Deadline 5, Rev 2)	Embedded
0576	Lighting	Appendix D10-10, 1.5.34 (Application Reference Number: 6.4.67)	Reduce visual intrusiveness of Power Station for nearby residential receptors, light spill on sensitive wildlife habitats and landscape designations within the surrounding area and sky glow.	All regularly occupied spaces within the buildings including the amenity building will be fitted with user-operated glare control, such as blinds to also prevent light spill onto the surrounding area.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0577	Lighting	Appendix D10-10, 1.5.35 (Application Reference Number: 6.4.67)	Reduce visual intrusiveness of Power Station for nearby residential receptors, light spill on sensitive wildlife habitats and landscape designations within the surrounding area and sky glow.	As detailed in the Wylfa Newydd CoCP (Deadline 5, Rev 3) the lighting designs will be developed to: reduce light spill onto sensitive receptors (including ecological receptors) to below thresholds where significant effects are predicted, where practicable; maintain a uniform lighting solution to reduce dark and light spots; and limit visibility of new lighting at distant receptors. Technologies used will enable e of a central management system to enable variable lighting levels, dimming and switching off in different zones. technologies used could would include a Central Management System which would give flexibility to amend lighting levels once installed.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 4	Embedded
~~0578~~	~~Lighting~~	~~Appendix D10-10, 1.5.36 (Application Reference Number: 6.4.67)~~	~~Reduce light trespass onto Tyn-y-Maes bat barn and adjacent ecological mitigation area.~~	~~As detailed in the Main Power Station Site sub-CoCP (Deadline 5, Rev 3) no lighting would be used for the multi-use games area after 21:00 hours during winter months due to the proximity of the Tyn-y-Maes bat barn and a requirement to avoid light trespass into that ecological mitigation area.~~ ~~Mitigation no longer considered necessary by stakeholders~~	~~Construction~~	~~Main Power Station Site sub-CoCP (Deadline 5, Rev 3)~~	~~Embedded~~

0579	Lighting	Appendix D10-10, 1.5.37 (Application Reference Number: 6.4.67)	Reduce visual intrusiveness of Power Station for nearby residential receptors, light spill on sensitive wildlife habitats and landscape designations within the surrounding area and sky glow.	The Wylfa Newydd CoCP (Deadline 5, Rev 3) sets out requirements for appropriate good practice lighting control measures to be identified, giving consideration to BS EN 12464-2:2014 [RD48] and Guidance Notes for the Reduction of Obtrusive Light [RD40]. This guidance includes specific control measures as follows. • Lighting would be positioned and directed so as not to spill unnecessarily outside of the construction areas. • Construction vehicle headlights would be dipped when approaching the site perimeter to limit light spill and glare beyond the site boundary. • To avoid sky glow, lighting would be kept at 0° tilt to keep the ULR at 0%, where practicable. • Cowls would be used if the tilt required on floodlights is greater than 5°, where practicable. • Construction lighting would be switched off when not required.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 4	Good practice
0580	Lighting	Appendix D10-10, 1.5.38 (Application Reference Number: 6.4.67)	Reduce light spill.	The Wylfa Newydd CoCP (Deadline 5, Rev 3) requires that the lighting designs would be developed to reduce light spill onto sensitive receptors (including ecological receptors) where practicable to below thresholds where significant effects are avoided, to maintain a uniform lighting solution to reduce dark and light spots, and to limit the visibility of new lighting at distant receptors.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 4	Good practice
0581	Lighting	Appendix D10-10, 1.5.50 (Application Reference Number: 6.4.67)	Reduce lighting effects.	As detailed in the Wylfa Newydd CoOP (Deadline 5, Rev 3) lighting control measures (refer to annex 1-9 for examples) would be incorporated into the lighting design to limit visual intrusiveness onto occupied residential properties, limit light spill to surrounding areas (including the AONB and Heritage Coast) and sensitive wildlife habitats, and recognise Anglesey's aim of achieving international Dark Skies status, while maintaining the light levels required to ensure safe working conditions and to maintain security during operation.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 4	Embedded
0582	Lighting	Appendix D10-10, 1.5.50 (Application Reference Number: 6.4.67)	Reduce visual intrusiveness of Power Station for nearby residential receptors and sky glow.	LED lighting would be used, as set out in volume 2 of the Design and Access Statement (Application Reference Number: 8.2.2), which can be dimmed if required, subject to safety requirements.	Operation	Design and Access Statement - Volume 2 - Power Station Site (Deadline 4, Rev 3)	Embedded
0583	Lighting	Appendix D10-10, 1.5.51 (Application Reference Number: 6.4.67)	Reduce lighting effects.	The requirement to develop appropriate good practice lighting control measures into the lighting design, giving consideration to BS EN 12464-2:2014 [RD48] and the Institute of Lighting Engineers' Guidance Notes for the Reduction of Obtrusive Light [RD40], is set out in the Wylfa Newydd CoOP (Deadline 5, Rev 3).	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 4	Good practice
0584	Lighting	Appendix D10-10, table 1-8 (Application Reference Number: 6.4.67)	Reduce lighting effects on Tregele/ other properties on the A5025	Blackout blinds or solar blinds would be provided where nuisance identified.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Additional
0585	Lighting	Appendix D10-10, table 1-8 (Application Reference Number: 6.4.67)	Reduce lighting effects on Cemlyn Bay.	Additional lighting control measures to be applied to keep lighting levels to below 0.1lux threshold.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional
1201	Lighting	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Variable Lighting	The main power island laydown area, behind Mound B, will allow for remote switching of zones within the laydown area when access is required to a specific zone during darkness Variable lighting levels for the Wylfa Newydd Development Area car park (during construction) will be applied. Variable lighting levels will be based on predicted staff movements and risk assessment.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional

1202	Lighting	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Lighting from haul route associated with Mound E would have potential to trespass into buffer zone on watercourses within the WNDA.	Lighting along the haul road crossing the Afon Cafnan, from columns within 40m either side of the watercourse, will be dimmed 50% outside of construction earthworks working hours to reduce light trespass around the Afon Cafnan. In the event of a security alert or for safety considerations, this lighting will be reset to 100% for the duration of the alert but will resume its regular dimming profile once the security or safety incident has been resolved.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional
1203	Lighting	Response to FWQs/WRs/LIRs	Maximum lighting levels for dredging operations	Lighting levels would vary based on the construction activity with maximum levels of 200 LuX Eav associated with dredging operations. Land based operations would have light levels between 2Lux and 120Lux Eav.	Construction	Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional
1204	Lighting	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Lighting of laydown area behind Mound B	The laydown area, behind Mound B, will allow for remote switching of zones within the laydown area when access is required to a specific zone during darkness (excluding security lighting).	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional
1205	Lighting	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Variable lighting levels in the car park	Variable lighting levels for the Wylfa Newydd Development Area car park (during construction) will be applied. Variable lighting levels will be based on predicted staff movements and risk assessment	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional
1206	Lighting	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Lighting levels	The Off-site Power Station Facilities will have three lighting levels. This will be achieved by adjusting the lighting units. • everyday lighting to allow staff to enter, exit, and perform work safely in accordance with BS EN 12464-2:2014 [RD3]; • evening security lighting for after working hours to comply with Centre for the Protection of National Infrastructure standards; and • emergency lighting levels to allow safe access to heavy machinery and equipment during emergency events or drills.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 4	Additional
1207	Lighting	New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/WRs/LIRs	Construction Lighting Scheme	Horizon will submit for approval an Overarching Construction Lighting Scheme for the WNDA. The scheme will be prepared in accordance with the principles set out the Wylfa Newydd CoCP, Marine works sub-CoCP, and the lighting parameters set out in Appendix D10-10 of the Environmental Statement The scheme will be prepared in accordance with the principles set out in Section The scheme will comprise exterior general area lighting, security lighting, car park and haul road lighting, temporary lighting not associated with wall and roof construction, and provide the following details: • Lighting design; including location, height and tilt of proposed lighting • Lighting controls, to enable variable lighting; • Illuminance levels by area (average and uniformity); • Plans displaying spill light contour lines on Ordnance Survey mapping, highlighting: • light spill over construction boundaries; and • key sensitive receptors with vertical grid lux plots at agreed locations; • Monitoring and review mechanisms to ensure compliance. Prior to the commencement of each phase of construction on the WNDA, Horizon will prepare a separate Construction Lighting Scheme for that phase in accordance with the approved Overarching Construction Lighting Scheme. These phased schemes will be implemented for the duration of the construction of that phase.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Additional

1208	Lighting	New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/WRs/LIRs	Operational Lighting Scheme	Horizon will submit for approval an Overarching Operational Lighting Scheme for the WNDA. The scheme will be prepared in accordance with the Wylfa Newydd CoOP, the design principles in Volume 2 of the Design and Access Statement, and the lighting parameters set out in Appendix D10-10 of the Environmental Statement. The scheme will comprise exterior general area lighting, security and car park lighting, and will provide the following details: • Lighting design; including location, height and tilt of proposed lighting; • Lighting controls, to enable variable lighting; • Illuminance levels by area (average and uniformity); • Plans displaying spill light contour lines on Ordnance Survey mapping, highlighting: • light spill from operational boundaries; and • key sensitive receptors with vertical grid lux plots at agreed locations; • monitoring and review mechanism to ensure compliance.	Operation	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Additional
Volume D, Ecological Compensation Sites							
0586	Ecological Compensation	Appendix D1-2, 1.7.20 (Application Reference Number: 6.4.18)	PRoW 23/016/1 lies within the Cae Canol-dydd site boundary and would be affected by the proposed ecological improvements. It would be necessary either to temporarily close or divert this PRoW in order to undertake the work, especially where earthworks are involved.	This closure or diversion would be temporary in nature and the duration of any closure would be kept to a minimum.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 6	Good practice
0587	Ecological Compensation	Appendix D1-2, 1.2.21 (Application Reference Number: 6.4.18)	Enhancement of current PRoW which is in need of repair.	Public access to Ty du would be improved. Scrub is proposed to be cleared from part of the route and a new bridge would be constructed. Signage and interpretation boards would be installed to enable the public to understand the works being undertaken, and to appreciate the importance of peatlands for nature conservation and ecosystem service provision.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0588	Ecological Compensation	Appendix D1-2, 1.8.31 (Application Reference Number: 6.4.18)	PRoW 23/016/1 runs through the Cae Canol-dydd site.	Access to this route would be maintained. To the south of the site a boardwalk would be constructed which would enhance accessibility to this PRoW during periods of wet weather.	Operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Good practice
0589	Ecological Compensation	Appendix D1-2, 1.8.32 (Application Reference Number: 6.4.18)	PRoW 23/001/2 and PRoW 23/001/3 cross the Cors Gwawr site.	PRoW 23/001/2 and PRoW 23/001/3 would be reinstated following construction works to the Cors Gwawr site. Where the PRoWs are routed across land within the Order Limits, they would be maintained.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 6	Good practice
0590	Ecological Compensation	Appendix D1-2, 1.8.33 (Application Reference Number: 6.4.18)	Ty du: This would potentially result in an improvement to the existing accessibility of 20/019/1 where access is restricted by overgrown vegetation.	Where the PRoWs are routed across land within the Order Limits, they would be maintained.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 6	Good practice

0591	Ecological Compensation	Appendix D1-2, 1.8.43 (Application Reference Number: 6.4.18)	Effects of dust from the compensation sites.	The relevant and appropriate measures to mitigate dust emissions generated by the construction works have been set out within ~~taken forward from those set out in annex 1 to~~ the air quality management strategies within the Wylfa Newydd CoCP (Deadline 5, Rev 3) and Main Power Station Site sub-CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (CoCP) (Deadline 5, Rev 3), Chapter 7, Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0592	Ecological Compensation	Appendix D1-2, 1.8.45 (Application Reference Number: 6.4.18)	Emissions from plant and machinery.	Measures to reduce emission from plant and machinery would include: · no idling engines; · use lower power settings where practicable; using mains electricity or battery-powered equipment where practicable to avoid the use of petrol or diesel generators; · the average emissions across the fleet of relevant Non-road Mobile Machinery would be equivalent to the EU Stage IIIB emission standards (EC Directive 97/68/EC) introduced in January 2011 for the engine sizes relevant to the works; and · maintenance of construction plant and machinery in accordance with the manufacturers' instructions to reduce the risk of elevated emissions due to poor engine/emissions abatement performance and to ensure that any malfunctions are swiftly repaired.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0593	Ecological Compensation	Appendix D1-2, 1.9.10 (Application Reference Number: 6.4.18)	Noise effects.	In order to minimise noise levels arising from construction activities, the application of BPM should be implemented, as defined in the Control of Pollution Act 1974 and referenced in BS 5228-1:2009. The principles of Best Available Technique Not Entailing Excessive Cost (BATNEEC), described in MTAN 1 should also be considered to reduce noise.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0594	Ecological Compensation	Appendix D1-2, 1.12.61 and 1.12.62 (Application Reference Number: 6.4.18)	Contaminated land risks to human health.	Good practice mitigation during construction would include measures to reduce risks to human health and the environment. These would include processes and procedures related to the discovery of unexpected contamination. These procedures would clearly define methods for dealing with any areas of unexpected contamination, in order to: manage immediate risks; undertake appropriate sampling and assessment; and identify suitable remediation or disposal options (as required).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0595	Ecological Compensation	Appendix D1-2, 1.12.63 (Application Reference Number: 6.4.18)	Pollution effects.	Good practice mitigation during construction would include measures such as good equipment maintenance and repair and containment systems for fuel storage areas (should these be required) to reduce leaks and spills.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0596	Ecological Compensation	Appendix D1-2, 1.12.65 (Application Reference Number: 6.4.18)	Waste management.	Implementation of Horizon's Waste and materials management strategy.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0597	Ecological Compensation	Appendix D1-2, 1.12.66 (Application Reference Number: 6.4.18) Response to FWQs/WRs/LIRs	Soil management.	Good practice mitigation measures would be implemented during construction, following guidance on soil management such as the Construction Code of Practice for the Sustainable Use of Soils on Construction Site [RD8]. In accordance with the Construction Code of Practice for the Sustainable Use of Soils on Construction Sites [RD12], maps will be produced prior to construction showing existing topsoil and subsoil types, and the areas to be stripped and left in situ, the location of stockpiles and their anticipated contents, the location of haul routes, and the expected reuse for all stripped soils. The methods for stripping, stockpiling, respreading and decompacting will also be set out prior to construction. These plans and methods will take into account the results of the Agricultural Land Classification and soil resource survey	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9 and Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0598	Ecological Compensation	Appendix D1-2, 1.12.67 (Application Reference Number: 6.4.18)	Soil management.	Implementation of the soil management measures set out within Horizon's Waste and materials management strategy.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9 and Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 9	Good practice

0599	Ecological Compensation	Appendix D1-2, 1.13.61 (Application Reference Number: 6.4.18)	Water pollution linked to top-soil stripping.	Good practice mitigation during construction and operation would comprise adherence to all relevant legislation, statutory and non-statutory guidance as detailed in chapter B8 (Application Reference Number: 6.2.8) and as stated in the Wylfa Newydd CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0600	Ecological Compensation	Appendix D1-2, 1.13.68 (Application Reference Number: 6.4.18)	Ecological effects.	Mitigation embedded in the construction proposals includes the following measures relevant to avoiding and reducing the effect on ecological receptors: • The design retains and protects, wherever practicable, hedgerows, trees (including root protection zones) and walls. • The location of topsoil storage areas has been identified to mitigate potential adverse effects from habitat loss and nutrient/sediment runoff. • Working Hours • Monday - Friday: 07:00 - 19:00; and • Saturday: 07:00 - 13:00.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3) and Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 4, 11	Embedded
0601	Ecological Compensation	Appendix D1-2, 1.14.68 (Application Reference Number: 6.4.18)	Effects on habitats potentially suitable for protected species	Pre-construction surveys, ecological supervision and timing of works as set out in the Ecological and landscape management strategy in the Wylfa Newydd CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0602	Ecological Compensation	Appendix D1-2, 1.14.85 (Application Reference Number: 6.4.18)	Landscape and visual effects.	Horizon will retain field boundaries outside of soil-stripping areas or field access locations.	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0603	Ecological Compensation	Appendix D1-2, 1.14.86 (Application Reference Number: 6.4.18)	Landscape and visual effects.	Horizon will identify ~~Protection of~~ existing trees, scrub and hedgerows to be retained and protection of those features will be in accordance with the recommendations in BS 5837:2012 [RD38]. Works within tree root protection areas will be avoided wherever practicable. If works within the root protection area of trees to be retained are deemed essential, works will be carried out using the techniques provided in BS 5837:2012 and the duration of those works will be restricted as far as possible.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0604	Ecological Compensation	Appendix D1-2, 1.14.86 (Application Reference Number: 6.4.18)	Landscape and visual effects.	Soil stockpiles would not exceed two metres in height in accordance with recommendations in BS 3882: 2015 Specification for Topsoil (British Standards Institution, 2015) [RD45].	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0605	Ecological Compensation	Appendix D1-2, 1.14.86 (Application Reference Number: 6.4.18)	Landscape and visual effects.	Soil stockpiles would be seeded with an appropriate, low-maintenance grass seed mix.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0606	Ecological Compensation	Appendix D1-2, 1.15.105 (Application Reference Number: 6.4.18)	Effects on unknown archaeology.	Discovery of unknown archaeological remains will be mitigated in accordance with the Wylfa Newydd CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0607	Ecological Compensation	Appendix D1-2, 1.15.106 (Application Reference Number: 6.4.18)	Effects on unknown archaeology.	The archaeological recording would be undertaken in accordance with relevant guidance provided by the Chartered Institute for Archaeologists (e.g. [RD46]) and Written Schemes of Investigation which would be agreed with Gwynedd Archaeological Planning Service (GAPS). All archaeological recording would include a programme of assessment, reporting, analysis, publication and dissemination commensurate with the value of the archaeological remains removed, submission of reports to the Historic Environment Record and National Monument Record of Wales, and the preparation of an ordered archive which would be submitted to an appropriate repository.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 12 and Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0608	Ecological Compensation	Appendix D1-2, 1.15.108 (Application Reference Number: 6.4.18)	Effect on historic landscape types.	Photographic survey would be undertaken in accordance with relevant best practice guidance and a Written Schemes of Investigation which would be agreed with GAPS. Photographic survey would include the preparation and submission of reports to the Historic Environment Record and National Monument Record of Wales and the preparation of an ordered archive which would be submitted to an appropriate repository.	Pre-construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 12 and Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0609	Ecological Compensation	Appendix D1-2, 1.15.109 (Application Reference Number: 6.4.18)	Effect on important hedgerows.	A level 2 landscape survey would be undertaken to record the important hedgerows to be removed from each of the three Ecological Conservation Sites. Level 2 historic landscape survey would be undertaken in accordance with guidance provided by Understanding the Archaeology of Landscapes, a guide to good recording practice [RD47].	Pre-construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 12 and Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
1130	Ecological Compensation	Appendix D1-2, 1.16.107 (Application Reference Number: 6.4.18) Omission	Topsoil from the ecological compensation sites	Topsoil from the ecological compensation sites at Cae Canol-dydd and Cors Gwawr will be stripped as per good practice construction and soil management techniques. The soils would be stored on site for a maximum of three years under an Environmental Permit, prior to sustainable reuse. No soils would be stripped from Ty du.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), , Chapter 9	Additional
1209	Ecological Compensation	Clarification	Landscape and Habitat Management Schemes for each Ecological Compensation Sites	Horizon will prepare and submit Landscape and Habitat Management Schemes for each Ecological Compensation Sites in accordance with the Requirements of the Draft DCO. As required under the Requirements, content of these schemes will be developed in line with the principles set out in the LHMS	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional
Health Impact Assessment (HIA)							
0610	Health	Health Impact Assessment	Light pollution and sleep	Horizon will provide solar and blackout blinds or alternative mitigation to residents who experience unforeseen cases of sleep disturbance. ~~A mechanism will be put in place for residents to apply for installation of blackout blinds.~~ Horizon will utilise the boundary of significant effects for noise and offer to put black-out blinds in place on all bedrooms within this area on windows facing site. Under the Local Noise Mitigation Strategy, there will be an offer to survey all these properties to ensure all applicable rooms receive noise insulation. As part of this strategy they will be taking measurements of windows in applicable rooms to produce a specification of work to provide to the homeowner for their agreement for implementation. As part of this process, Horizon will make it scope for the surveyor for noise to highlight which bedrooms face site and thus also receive Black-out blinds and include this within our specification of the work. A similar process will be followed by properties near the A5025, but only for bedroom windows with line of sight to headlights on the A5025 Offline Highway Improvements.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Additional
0611	Health	Health Impact Assessment	Physical activity: Ensuring the most affected communities are able to be physically active	Horizon will support and enhance active travel access for people using the Copper Trail which currently links to the A5025 in Tregele. At this point Horizon will provide a dedicated cycle way/footpath to Nanner Road.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Additional
1210	Health	Clarification	Construction Site Clinic and Site Campus Medical Centre	Horizon would operate two on-site healthcare facilities: a Construction Site Clinic (a facility within the construction security fence on the Power Station Site and a Site Campus Medical Centre (a medical centre on the Site Campus. At the start of the Construction Period, the clinic will be staffed initially by a nurse, with resources progressively increases as worker activities increase (e.g. to include paramedics, OCC Heath Nurses, OCC Health Physicians). The Construction Site Clinic will be operational for the full construction period and staffing will scale up and down in proportion to the number of workers on site and demand.	Pre-construction	Main Power Station Site sub- CoCP (Deadline 5, Rev 3), Chapter 4 Phasing Strategy (Deadline 5, Rev 3)	Additional
Habitats Regulation Assessment							

0613	Habitats Regulation	Habitats Regulation Assessment New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/WRs/LIRs	Disturbance to breeding terns from construction noise - Meeting committed noise levels Other feasible and reasonable measures can be used to reduce noise levels, day to day decisions of tern monitoring	Horizon will monitor the Cemlyn Lagoon tern colony from early March during each year of the Wylfa Newydd DCO Project Main Construction phase in order to record the arrival of black headed gulls and terns to establish a breeding colony. During the tern breeding period, noise levels will be monitored at the Cemlyn Lagoon tern colony through direct monitoring on the islands or extrapolated calculations based on monitoring at nearby locations These noise levels will be monitored against action thresholds (amber and red); which are to be defined according to the noise thresholds set out in the document (with amber being a noise level sufficiently below the agreed red threshold to enable mitigation action to be taken before an exceedance occurs). Where noise levels (based on hourly averages) reach the amber action threshold, a series of steps will be taken. The appropriate site managers will ensure that the selected mitigation measures are implemented, noting that, for any construction activity to be halted, an assessment first needs to be undertaken regarding whether the works are stable, and it is safe to do so (i.e. some works may need to be completed before they can be stopped); this will affect the time taken to alter working practices. Monitoring will continue to verify that the control measures have reduced the noise levels to an acceptable level at the relevant receptors ~~During construction works noise levels will be measured at the tern colony either through direct monitoring on the island or through calculation from monitoring from adjacent locations. Where monitored noise levels are found to be above the various committed noise levels (below), the following actions will be undertaken immediately:~~ ~~• review works in the area likely to be causing the breach and consider any necessary mitigation actions (including if necessary, temporary suspension of works);~~ ~~• confirm that monitored levels are not being impacted by other noise or vibration sources;~~ ~~• determine whether the exceedance is due to a particular activity or item of equipment, and if so, identify if the equipment can be substituted for an alternative piece of equipment;~~ ~~• implement other feasible and reasonable measures (which may include modifying time of works, using an alternate construction methodology, or a combination of these); and~~ ~~• continue monitoring (including additional monitoring, if required) to verify that the control measures have reduced the noise levels to acceptable level at the relevant receptors.~~ ~~These controls regarding noise levels will apply from April 15th - August 15th (unless otherwise stated). [15th April date to be guided by information from the NWWT on when the first terns/Black-headed Gulls typically arrive to set up a colony].~~	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), , Chapter 11 Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
0614	Habitats Regulation	Habitats Regulation Assessment Clarification	Disturbance to breeding terns from construction noise - Noise controls throughout the Main Construction phase (Tern breeding period)	In the breeding seasons that occur during the Project's Main Construction phase, Horizon commits that the noise levels set out below will apply During the tern breeding period: ~~For the main earthworks (anticipated to be for the first two years, but to be kept under review to account for changes to the construction programme)~~ • Blasting on the site will only be undertaken when, accounting for wind factors, noise shielding and other mitigation, the predicted blast noise at the colony will be less than 60 dB or daily ambient noise at the colony (whichever is higher). This may require blast sizes to be reduced in certain weather conditions. • Day-time construction noise at the colony will not exceed 59 dB LAeq, 1-hour. This is based on modelled noise level of 58.6 dB LAeq, 1-hour. • Night-time (7pm to 7am) maximum construction noise at the colony will not exceed 43 dB LAeq, 1-hour. This is based on modelled noise level of 42.8 dB LAeq, 1-hour.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), , Chapter 11 Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
0615	Habitats Regulation	Habitats Regulation Assessment Clarification	Disturbance to breeding terns from construction noise - Noise controls throughout the Main Construction phase (During establishment period)	During the establishment period • Blasting on the site will only be undertaken when, accounting for wind factors, noise shielding and other mitigation, the predicted blast noise at the Cemlyn Lagoon tern colony will be less than 55dB LAF,max or the ambient noise at the colony (whichever is higher). • Day-time construction noise at the Cemlyn Lagoon tern colony will not exceed 55dB LAeq, 1-hour or the daily ambient noise at the colony (whichever is higher).	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), , Chapter 11 Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional

~~0616~~	~~Habitats Regulation~~	~~Habitats Regulation Assessment~~	~~Disturbance to breeding terns from construction noise – additional noise controls during the establishment period~~	Superseded by measures 614, 615 and 618 ~~During main earthworks, in order to allow for the sensitivity of terns arriving and establishing their nesting colony, additional construction constraints (below) would be applied during the 'establishment period'.~~ ~~The 'establishment period' is to be defined as follows:~~ ~~• The tern nesting site would be monitored from 1st April each year (historically only very few terns arrive before early April each year).~~ ~~• The establishment period would be four weeks, to be taken as starting on 15th April unless significant nest establishment is observed ahead of this date, in which case it would begin earlier.~~ ~~• The activities that constitute the establishment of nesting territories by any tern species that is a qualifying feature of the Morwenoliaid Ynys Môn/Anglesey Terns SPA are aerial display flights over the nesting islands and/or performing courtship behaviour on the ground by scrape making. In addition to these activities taking place, the frequency of occurrence of such activity is important in defining the establishment period, and Horizon would agree the basis for determining the start of the establishment period (including observed activity and frequency of occurrence) with NRW.~~ ~~• Trained observers (who would be professional, independent ornithologists with detailed knowledge of terns) would monitor black-headed gull to determine if their nesting behaviour appears to be affected by construction noise. If there is a lack or low numbers (based on black-headed gull status and trends) of recorded black-headed gull nesting attempts at the Cemlyn colony, the mitigation defined below would be initiated at an earlier point in time (i.e. prior to 15th April).~~ ~~The constraint period would be as the 'establishment period' and apply for no more than four weeks but would end earlier if [>c.50%] of the Sandwich terns expected to be present in the colony are considered to have begun egg-laying and be sitting on nests [quantum to be agreed with NRW].~~	~~Construction~~	~~Main Power Station Site sub-CoCP (Deadline 5, Rev 3), , Chapter 11 Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 11~~	~~Additional~~
~~0617~~	~~Habitats Regulation~~	~~Habitats Regulation Assessment~~	~~Disturbance to breeding terns from construction noise – additional noise controls during the establishment period~~	Superseded by measures 614, 615 and 618 ~~During the establishment period for the first two years of construction:~~ ~~• Blasting on the site will only be undertaken when, taking in account wind factors, noise shielding and other mitigation, the predicted blast noise at the colony would be less than 55 dB LAF,max or the daily ambient noise at the colony (whichever is higher)~~ ~~• Day-time construction noise at the colony would not exceed 55 dB LAeq, 1-hour. During this period, Horizon will commit to only undertaking works on the far side Mound E that are not visible from the colony and minimising reworking of dumped material in this area. Noise modelling of this working pattern predicts 57.5 dB LAeq, 1-hour. In order to achieve 55 dB LAeq, 1-hour, works would avoid the most adverse wind conditions (light downwind) for noise transfer to the colony]~~ ~~• Night-time (7pm to 7am) construction noise at the colony would not exceed 43 dB LAeq, 1-hour. This is based on modelled noise level of 42.8 dB LAeq, 1-hour.~~	~~Construction~~	~~Main Power Station Site sub-CoCP (Deadline 5, Rev 3), , Chapter 11 Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 11~~	~~Additional~~
0618	Habitats Regulation	Habitats Regulation Assessment New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/WRs/LIRs	Disturbance to breeding terns from construction noise – Reactive monitoring	In addition to the measures set out in the sub-CoCPs during the tern breeding period the colony will be continuously observed by trained observers, who will be professional, independent ornithologists with a detailed knowledge of terns, during daytime working hours. If the observers determine that 'fly up' responses appear to be associated with Wylfa Newydd DCO Project activities, the following actions (as per the mitigation procedures set out above) will be taken: • The Wylfa Newydd DCO Project activities responsible for the tern 'fly-ups' will be identified (based on matching acoustic signatures with site activities). • Site activities will be reviewed to identify what alterations can be made (e.g. change in work intensity, schedules or methods, or additional noise abatement). • Alternatives will be adopted where they are assessed as being safe and practicable. • Monitoring will continue in an effort to better understand and control the causes of previous Wylfa Newydd DCO Project related tern 'fly-ups'. The above protocol will be implemented by the site management team, who will have full knowledge of the construction activities being undertaken and the authority to instigate the control measures deemed to be necessary. ~~Throughout the nesting periods during the construction phase, if the colony exhibits fly-up disturbance reactions [to be quantified] as a direct result of attributable noise events or shows a measurable increase in the incidence of disturbance events above those recorded during baseline observation works (undertaken over the 2017 and 2018 breeding seasons), then alternative methods of working or additional constraints would be applied (including the option of temporary suspension of works following the protocol defined here). [From the 2017/2018 observational surveys, Horizon will have an agreed baseline incidence of [c 1.6] fly ups per hour. If the independent observers record more than three fly ups per hour for which there is no obvious non-Horizon cause, they would get the most obvious disturbing activity ceased; if they record more than two in the next hour they would get the next most disturbing activity stopped. The following days works would be planned based on experiences of this. Ceased activities would start again seven days later, under observation. If any erratic noisy activity causes an obvious fly up disturbance, it would be altered or ceased.]~~ ~~In order to attribute noise events responsible for an observed disturbance reaction of the type defined in the footnote below to the construction works, Horizon would establish a real time feedback mechanism between the observers and a nominated, dedicated site manager. The site manager would have full knowledge of all construction activities being undertaken and the authority to instigate the measures necessary on site to prevent recurrence of the disturbing activity. This feedback mechanism would also allow for consideration of other potentially disturbing factors not related to the construction works (e.g. aircraft noise) and, if such third party disturbance is deemed to be responsible in its entirety for the observed disturbance, no action would be taken.~~	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), , Chapter 11 Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
0619	Habitats Regulation	Habitats Regulation Assessment	Disturbance at the breeding tern colony from visual stimuli	During the establishment period ~~15th April and 15th May~~ there will be no construction works undertaken within 500m of the nesting islands and the areas on the shingle ridge that are known to be used occasionally by nesting terns. This period encompasses the main pre-laying and nest establishment period for all three tern species at Cemlyn Bay. Thereafter, there will be no bulk earthworks undertaken within 500m of any known active tern nests within the Morwenoliaid Ynys Môn/Anglesey Terns SPA. During the establishment period, Horizon will only undertake works on the far side of Mound E that are not visible from the Cemlyn lagoon tern colony and minimise reworking of material placed in this area.	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), , Chapter 11 Marine Works sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional

1211	Terrestrial and Freshwater Ecology	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Disturbance at the nearby sensitive ecological receptors	Employers will seek to minimise workforce access to Wylfa Head through site design. This will include restricting use of gates on the site campus boundary to emergency use only so that pedestrian access from the site campus is only possible via the main access road in non-emergency situations. Furthermore, the design will include amenity building and welfare facilities that encourage on-site recreation.	Construction	WMS (Deadline 5, Rev 2)	Additional
1212	Terrestrial and Freshwater Ecology Habitats Regulation	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Disturbance at the nearby sensitive ecological receptors	All personnel must be aware of nearby sensitive ecological receptors and their legal protection, which requires compliance with the Conservation of Habitats and Species Regulations 2017 and Wildlife and Countryside Act 1981 (that is, the Wylfa Head, Tre'r Gof and Cemlyn SSSIs, the Cemlyn Bay (lagoon) SAC and other local nature reserves). Personnel will be strongly encouraged – through inception meetings, tool box talks and appropriate signage – to avoid damage or interference of any kind to these areas by, for example: • keeping to defined paths and behind barrier fencing at all times; • refraining from littering; • refraining from removing or damaging vegetation, habitats, nests and eggs; and • not impacting (damaging, picking, collecting or harming) any species within these areas (particularly nesting species). This would also be covered in induction talks, along with the importance of not disturbing terns during the breeding season (for example) and respecting advice from the site wardens. During the tern breeding season wardens would be present and relevant restrictions in place	Construction	WMS (Deadline 5, Rev 2)	Additional
1213	Terrestrial and Freshwater Ecology	Response to FWQs/WRs/LIRs	Grazing restrictions	Prior to the start of works, grazing would be excluded from the Cemaes catchment area (found within the Wylfa Newydd Development Area) area for four weeks which would allow sufficient time for animal faeces to biodegrade naturally, and reduce the risk of runoff containing E.coli and intestinal enterococci	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 10	Additional
1214	Terrestrial and Freshwater Ecology	Response to FWQs/ WRs/LIRs	Monitoring of the presence of reptiles - Reptile Receptor Site	Monitoring of the presence of reptiles within the reptile receptor site would be undertaken on an annual basis throughout the period of its lease by Horizon (until 2032). This would follow published good practice guidance such as Sewell et al., (2013)	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional
1215	Terrestrial and Freshwater Ecology	Response to FWQs/ WRs/LIRs	Monitoring of the presence of reptiles - WNDA	To determine the progress of reptile species in recolonising the Wylfa Newydd Development Area as the habitats described above become established, presence / absence surveys would be undertaken on an annual basis along the key corridors (field boundary habitats; tree and scrub edges) linking reptile hotspots into the wider site. These surveys would follow published good practice guidance such as Sewell et al., (2013), and would occur for both the five year planting establishment period, and the following five year inspection period	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional
1216	Terrestrial and Freshwater Ecology	Response to FWQs/ WRs/LIRs	Wardening of ecological receptors	The duties of the ECoW team will include protecting the retained ecological receptors within the WNDA; including 'Wardening' of Wylfa Head to ensure that habitats in that area are not damaged by any leisure activities	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
1217	Terrestrial and Freshwater Ecology	Response to FWQs/ WRs/LIRs	Monitoring of key fauna	Landscape and habitats will be regularly monitored to assess efficacy of management and inform management reviews. Monitoring will be undertaken for the lifetime of the Power Station and will include monitoring of key fauna for which design principles have been identified, including but not limited to: - Great crested newt - Reptiles - Chough - Bats - Water vole - Red squirrel	Construction	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional
1218	Terrestrial and Freshwater Ecology	New mitigation proposed to reach agreement on issues raised in SoCG discussions. Response to FWQs/ WRs/LIRs	Pre-construction surveys for reptiles	Horizon will conduct pre-construction surveys for reptiles. Dependent on the results of those surveys, the following three treatment would be employed: • Active trapping and translocation of individuals (likely to be employed in areas of high quality reptile habitat, and known hotspots for reptiles) • Destructive search of habitats by an ECoW (likely to occur in complex habitats such as dry stone walls and cloddiau, and in high quality reptile habitat) • Supervision of habitat clearance by an ECoW	Construction	Main Power Station Site sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional

Equality Impact Assessment (EQIA)							
1070	EqIA	Equality Impact Assessment, 7.2.7	Noise and Air Quality	Continuous monitoring of particulates (PM10, PM2.5, total suspended particles).	Construction	Main Power Station Site sub- CoCP (Deadline 5, Rev 3), Chapter 7	Additional
1071	EqIA	Equality Impact Assessment, 7.2.7	Noise and Air Quality	Dust deposition monitoring.	Construction	Main Power Station Site sub- CoCP (Deadline 5, Rev 3), Chapter 7	Additional
1072	EqIA	Equality Impact Assessment, 7.2.7	Noise and Air Quality	Continuous analysers to be linked to a web based system via mobile GSM (Global System for Mobile Communications) signal/wired connection, where practicable and appropriate.	Construction	Main Power Station Site sub- CoCP (Deadline 5, Rev 3), Chapter 7	Additional
1073	EqIA	Equality Impact Assessment, 7.2.8	Noise and Air Quality	Noise from equipment within the buildings on the Power Station Site would be inaudible at local receptors. Monitoring will be undertaken in relation to the Power Station Site and the Off-Site Power Station Facilities to ensure operational noise remains within permitted limits.	Operation	Main Power Station Site sub- CoCP (Deadline 5, Rev 3), Chapter 8	Additional
1083	EqIA	Equality Impact Assessment, 7.6.1	Community Cohesion	Horizon has developed a Workforce Accommodation Strategy to mitigate the adverse effects of an increase in the demand for residential accommodation. The proposals for the Wylfa Newydd Development Area include a Site Campus with accommodation for ~~up to~~ 4,000 workers in 'campus' style modular form (providing an independent living space for each worker) with an amenity building including: - cafeteria; - café; - reception area; - gym; - bar and other social space; - outdoor recreation including three multi-use games areas; - outdoor seating; and - informal public spaces.	Construction	Phasing Strategy (Deadline 5, Rev 3)	Embedded
1101	EqIA	Equality Impact Assessment, 7.4.2	Traffic, transport access	There will be appropriate mechanisms to encourage car sharing over the lifetime of the Wylfa Newydd DCO Project to ensure management of traffic impacts.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Good practice
1102	EqIA	Equality Impact Assessment, 7.4.3	Traffic, transport access	A diversion of the Wales Coast Path would be provided around the construction fence between Cemlyn Bay and Cemaes. This route would be unsurfaced and wooden bridges suitable for use by walkers would be provided where the diverted route crosses a watercourse. A cycle path would be included in the diversion design (where possible) between Tregele and Cemaes.	Construction	Main Power Station Site sub- CoCP (Deadline 5, Rev 3), Chapter 6	Embedded
1103	EqIA	Equality Impact Assessment, 7.4.3	Traffic, transport access	Access to Wylfa Head, Porth Wylfa and Porth yr Ogof would be retained throughout construction.	Construction	Main Power Station Site sub- CoCP (Deadline 5, Rev 3), Chapter 6	Embedded
1107	EqIA	Equality Impact Assessment, 7.4.6	Traffic, transport access	The MOLF would remain in place during operation to facilitate bulk material delivery that would otherwise require delivery via the road network.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 5	Additional
1109	EqIA	Equality Impact Assessment, 7.4.8	Traffic, transport access	Horizon has developed an Operational Travel Strategy to encourage operational staff and visitors to travel to the Wylfa Newydd Development Area by sustainable modes (walking, cycling, public transport and car sharing). The strategy would include: • appointment of a Travel Plan Co-ordinator; • a requirement to pre-register any vehicle parking on-site; • priority provision of dedicated parking spaces for car-sharers and a dedicated Park and Share facility off Junction 8 of the A55 will be promoted for staff living on the mainland; • a commitment to work with local public transport operators to enhance local bus services to and from the Power Station; and • reasonable measures to promote and incentivise cycling and walking to work and the provision of on-site cycle parking and shower/changing facilities.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 5	Good practice
1110	EqIA	Equality Impact Assessment, 7.4.9	Traffic, transport access	The Wylfa Newydd CoOP (Deadline 5, Rev 3) includes a Public Access Management Strategy to allow and ensure the safe and convenient passage of members of the public through and within the Wylfa Newydd Development Area. New PRoWs would be created on re-profiled land within the Wylfa Newydd Development Area but outside of the Power Station Site, linking to the Wales Coast Path, existing PRoW network and Cemaes.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 6	Good practice

1111	EqIA	Equality Impact Assessment, 7.4.10	Traffic, transport access	A new surfaced car park would be provided at the same location as the current Ty Croes (Fisherman's car park). There would also be routes out towards Wylfa Head (stopping at Porth yr Ogof) and across the headland to the east to the rocky outcrops that would also be suitable for disabled users. This would include wheelchair accessible surfaces. This would allow users who were previously unable, to access these cliff areas with sea views.	Operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Additional

Table 1-3 Off-site Facilities

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(1) Item	(2) Topic	(3) Source	(4) Issue	(5) Mitigation measure	(6) Trigger	(7) Securing Mechanism	(8) Type of Mitigation
Environmental Impact Assessment (EIA)							
Volume E, Socio-economics							
0620	Socio-economics	Chapter E3, 3.4.10 (Application Reference Number: 6.5.3)	Secure site access and fencing	The site will be secure via the installation of appropriate security measures and practices as outlined in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3) and Chapter 4, Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3), Chapter 4	Good practice
0621	Socio-economics	Chapter E3, 3.4.11 (Application Reference Number: 6.5.3)	Public access	All public accesses, paths and roadways will be maintained as far as possible during the construction of the Off-Site Power Station Facilities, as outlined in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 6 and Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3), Chapter 6	Good practice
Volume E, Public Access and Recreation							
0623	Public Access and Recreation	Chapter E4, 4.4.5 (Application Reference Number: 6.5.4)	Effects of construction dust on recreational amenity.	Construction work would be carried out in accordance with the good practice measures included within the Wylfa Newydd CoCP (CoCP) (Deadline 5, Rev 3) and Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7 and Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3) , Chapter 7	Good practice
0624	Public Access and Recreation	Chapter E4, 4.4.5 (Application Reference Number: 6.5.4)	Effects of construction noise on recreational amenity	Construction work would be carried out in accordance with the good practice measures included within the Wylfa Newydd CoCP (CoCP) (Deadline 5, Rev 3) and Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (CoCP) (Deadline 5, Rev 3), Chapter 8 and Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3), Chapter 8	Good practice

0625	Public Access and Recreation	Chapter E4, 4.4.7 (Application Reference Number: 6.5.4)	Visual impacts on the amenity of PRoW users.	The southern portion of the site surrounding the overflow parking area and adjacent to PRoW 29/008/1 will be soft landscaped in accordance with the landscape strategy objectives.	Operation	Design and Access Statement Volume 3 – Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0626	Public Access and Recreation	Chapter E4, 4.4.8 (Application Reference Number: 6.5.4)	Effects of operational dust on recreational amenity.	Implementation of an air quality management strategy.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 7	Good practice
0627	Public Access and Recreation	Chapter E4, 4.4.8 (Application Reference Number: 6.5.4)	Effects of operational noise on recreational amenity.	Implementation of good practice measures for the reduction of noise.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 8	Good practice
0628	Public Access and Recreation	Chapter E4, 4.4.11 (Application Reference Number: 6.5.4)	Effects of decommissioning dust on recreational amenity.	Implementation of good practice measures for the reduction of dust during demolition of buildings and decommissioning of the site.	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
0629	Public Access and Recreation	Chapter E4, 4.4.11 (Application Reference Number: 6.5.4)	Effects of decommissioning noise on recreational amenity.	Implementation of good practice measures for the reduction of noise demolition of buildings and decommissioning of the site.	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
Volume E, Air Quality							
0630	Air Quality	Chapter E5, 5.4.11 - 5.4.12 (Application Reference Number 6.5.5)	Reduce dust emissions and the associated effects due to dust deposition.	A combination of construction control measures, management measures and procedures to control the emissions of dust are set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3) Chapter 7 and Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3), Chapter 8	Good practice

0631	Air Quality	Chapter E5, 5.4.11 - 5.4.12 (Application Reference Number 6.5.5)	Monitoring of dust deposition rates.	An appropriate monitoring programme would form a key part of the overall dust mitigation and management process. The approach and scope of the air quality monitoring survey including dust deposition monitoring is set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7 and Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0632	Air Quality	Chapter E5, 5.4.13 - 5.4.14 (Application Reference Number 6.5.5)	Control of emissions to air from plant and machinery.	Good practice mitigation to reduce emissions of pollutants from plant and machinery is set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0633	Air Quality	Chapter E5, 5.4.15 (Application Reference Number 6.5.5)	Reduce odour effect from contaminated soils.	The requirement for any remediation activities would be identified following a ground investigation within a risk assessment. If remediation is required, then the excavation and remediation of areas containing ground contamination would be a potential source of odour. The good practice mitigation measures discussed in chapter E7 (soils and geology) (Application Reference Number: 6.5.7) and set out in the waste and materials management strategies, including soils and land contamination in chapter 9 of the Wylfa Newydd CoCP (Deadline 5, Rev 3) would mitigate the risk of odour emissions during remediation works.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0634	Air Quality	Chapter E5, 5.4.21 (Application Reference Number 6.5.5)	Reduce pollutant emissions to air from the standby generator.	If required, the stack height for the standby diesel generator would extend approximately 3m above the roof of the standby generator enclosure, representing a total height above ground level of up to approximately 6m as set out in the design and access statement (Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities) (Application Reference Number 8.2.3). NOx emissions would be taken into account in the selection and procurement of the standby generator (i.e. through selecting equipment which has good combustion controls and complies with the relevant European or international emissions standards for emergency generating sets).	Pre-operation	Design and Access Statement - Volume 3 - Associated Developments, Off-Site Power Station Facilities (Deadline 4, Rev 3) and Wylfa Newydd CoOP (Deadline 5, Rev 3)	Embedded
0635	Air Quality	Chapter E5, 5.4.22 (Application Reference Number 6.5.5)	Reduce pollutant emissions to air from the standby generator.	The fuel used in the standby generator would be ultra-low sulphur diesel (0.001% sulphur content), where this does not compromise safety and operational requirements, which would reduce emissions of sulphur dioxide from the generator exhaust by a factor of 100 compared to standard gas oil with a sulphur content of 0.1%.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 7	Embedded

0636	Air Quality	Chapter E5, 5.4.23 (Application Reference Number 6.5.5)	Reduce pollutant emissions to air from mobile emergency plant.	It is anticipated that routine maintenance testing of the mobile emergency response plant stored in the MEEG building at the Off-Site Power Station Facilities, including diesel-fuelled mobile generators and pumps, would take place at the main Power Station Site. Therefore, as testing of the mobile emergency response plant would not be carried out at the Off-Site Power Station Facilities, emissions from these plant are not included in this assessment.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 7	Good practice
0637	Air Quality	Chapter E5, 5.4.24 (Application Reference Number 6.5.5)	Reduce pollutant emissions to air from the standby generator.	The generator would be operated in line with the selected equipment manufacturer's operating procedures. This would include regular maintenance to ensure that the generator continues to operate at optimum combustion conditions and emissions are kept to a minimum.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 7	Good practice
Volume E, Noise and Vibration							
0638	Noise and Vibration	Chapter E6, 6.4.15 (Application Reference Number: 6.5.6) Response to FWQs/WRs/LIRs	Noise and vibration effects from construction of the Off-Site Power Station Facilities.	Standard working will be in accordance with the daytime hours specified by BS 5228 Noise Control on Construction and Open Sites [RD1] and contained within the Off-Site Power Station Facilities Sub-CoCP for the Main Power Station Site (Deadline 5, Rev 3): · Monday - Friday: 07:00 - 19:00; and · Saturday: 07:00 - 13:00. No construction work is works are proposed during the evening and/or night time periods or during Saturday afternoons, Sundays, Bank Holidays and Public Holidays (which consist of New Year's Day, Good Friday, Easter Monday, Christmas Day and Boxing Day). If construction work is required at these sites outside of these hours, this would be identified and justified in the s61 application to the IACC in advance of the works. The s61 application would also detail the noise control measures to be applied to the works.	Construction	Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3), Chapter 4	Embedded

0639	Noise and Vibration	Chapter E6, 6.4.17 (Application Reference Number: 6.5.6)	Noise and vibration effects from construction of the Off-Site Power Station Facilities.	Good practice mitigation includes adopting Best Practicable Means (as defined in section 72 of the Control of Pollution Act 1974). Where practicable, the control measures set out in BS 5228-1 [RD1] section 8 and BS 5228:2009+A1:2014 Part 2 [RD2] section 8 would be implemented. Generic noise and vibration control measures as per the Wylfa Newydd CoCP (Deadline 5, Rev 3) include: · choice of methodology/technique for operations (including site layout) would be considered in order to eliminate or reduce emissions received at sensitive locations; · fixed items of construction plant would be electrically powered in preference to diesel or petrol-driven; · where reasonably practicable, plant and/or methods of work causing significant levels of vibration at sensitive premises should be replaced by other less intrusive plant and/or methods of working; · where reasonably practicable, stationary plant (e.g. generators, pumps, compressors) should be positioned away from structures connected to sensitive premises, or isolated using resilient mountings; · wherever practicable, fabrication would be undertaken off site; · noisy plant and plant producing high levels of vibration would be kept as far as possible from sensitive areas; · equipment would be well-maintained and used in the mode of operation that reduces noise; · equipment would be shut down when not in use or throttled down to a minimum during any waiting periods; · vehicles and mechanical plant employed for any activity associated with the construction works would be fitted with effective exhaust silencers/suppression equipment; · plant employed for any activity associated with the construction works would be operated in a manner such that noise and vibration emissions would be controlled and limited as far as reasonably practicable; and · vehicles would not wait or queue on the public highway with engines running (unless the engine was required to power the operation of the vehicle e.g. concrete wagon); and all materials would be handled in a manner that would reduce noise.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0640	Noise and Vibration	Chapter E6, 6.4.18 (Application Reference Number: 6.5.6)	Noise and vibration effects from construction of the Off-Site Power Station Facilities.	It should be noted that all works would be carried out under a Prior Consent agreement under s61. Monitoring at locations representative of noise-sensitive receptors during construction would ensure noise levels remain within the permitted levels under the s61 approval. The s61 application would set out the thresholds and details of the monitoring programme including monitoring equipment, locations, frequency and duration of measurement and personnel skills required. The proposed monitoring programme is likely to involve a combination of continuous and short-term spot check measurements, and review of these initial results to determine if ongoing monitoring is required.	Construction	Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0641	Noise and Vibration	Chapter E6, 6.4.27 (Application Reference Number: 6.5.6)	Operational noise from the Off-Site Power Station Facilities.	The stone walls to the north and east of the site would be retained to provide some noise screening by reducing the likelihood of direct lines of sight between noise sources (e.g. fixed plant and vehicles) and nearby sensitive receptors.	Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0642	Noise and Vibration	Chapter E6, 6.4.27 (Application Reference Number: 6.5.6)	Operational noise from the Off-Site Power Station Facilities.	Where safety and operational requirements allow, the location of plant and orientation of buildings would screen noise sources from nearby noise-sensitive receptors. The closest residential receptors (to the south of the boundary of the site) would be screened from the fixed plant area and substation by the MEEG/AECC building and ESL building respectively.	Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded

0643	Noise and Vibration	Chapter E6, 6.4.27 (Application Reference Number: 6.5.6)	Operational noise from the Off-Site Power Station Facilities.	Testing of the emergency mobile plant stored in the MEEG/AECC building would take place at the main Power Station Site.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 8	Embedded
0644	Noise and Vibration	Chapter E6, 6.4.29 (Application Reference Number: 6.5.6)	Operational noise from the Off-Site Power Station Facilities.	Designing fixed plant, as far as practicable, to reduce daytime and night-time noise, to meet specified noise levels at nearest receptors. These noise levels would be agreed with IACC before operation.	Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Good practice
0645	Noise and Vibration	Chapter E6, table E6-12 (Application Reference Number: 6.5.6) Clarification	Noise effects from construction of the Off-Site Power Station Facilities.	• Solid site hoarding-style perimeter fencing, will be increased from 1.8m (embedded design) up to 3.6m as may be determined by the Section 61 consent to be agreed with the IACC, to provide additional screening over the embedded design. ~~This hoarding would comprise acoustically reflective materials.~~ • Use of temporary mobile barriers for specific plant or activities. • Selection of quieter plant. • Alteration of working methods. The final measures to be adopted would be determined through an application for prior consent under s61.	Construction	Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3), Chapter 8	Additional
0646	Noise and Vibration	Chapter E6, table E6-12 (Application Reference Number: 6.5.6)	Vibration effects from construction of the Off-Site Power Station Facilities.	Horizon would undertake a vibration risk assessment as part of the s61 application for any construction activity involving vibratory or impact equipment (such as vibratory rollers) to be used at the Off-Site Power Station Facilities. The assessment would establish whether safe working distances are available or alternative equipment and working methods can be adopted to mitigate vibration effects on sensitive receptors.	Construction	Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3), Chapter 8	Additional
0647	Noise and Vibration	Chapter E6, 6.6.4 (Application Reference Number: 6.5.6)	Operational noise from the Off-Site Power Station Facilities.	Details of operational monitoring would be established as part of the final specification of the equipment and operations at the Off-Site Power Station Facilities. It is anticipated that the eventual monitoring would most likely involve off-site spot check noise surveys at receptors, and some on-site monitoring near particular noise sources at long-term intervals, to be agreed. The following additional mitigation measures for the Off-Site Power Station Facilities site would be implemented during operation, as per the Wylfa Newydd CoOP (Deadline 5, Rev 3): · the combined noise rating level from all fixed plant would be designed to be as quiet as reasonably practicable and no greater than background level (LA90) + 5dB at the nearest residential receptors; · testing of the backup generator would be carried out during daytime periods only; and · use of the fuel pump would be restricted to use during the daytime period only, except during an incident or emergency.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 8	Additional
Volume E, Waste and Materials							

1219	Soils and Geology	Clarification	Asbestos Containing Materials	Horizon will ensure that, during the remediation works for asbestos-containing materials, continuous air monitoring and testing will be undertaken by a certified P403 (Asbestos Fibre Counting) and P404 (Air Sampling and Clearance Testing for Asbestos) analyst who will be on-site to carry out the fibre monitoring. If asbestos-containing materials are discovered in buildings, further intrusive surveys will be necessary in some buildings when vacated. Horizon will carry out further surveys and arrange for the removal and disposal of asbestos containing materials as necessary.	Construction	Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3), Chapter 8	Additional
Volume E, Soils and Geology							
0648	Soils and Geology	Chapter E7, 7.4.10, (Application Reference Number: 6.5.7)	To reduce potential adverse effects on receptors of contamination due to the potential presence of existing contamination.	A ground investigation with appropriate sampling for chemical analysis will be undertaken prior to construction, followed by a risk assessment. If the risk assessment identifies the need for remediation, a remediation strategy will be prepared in accordance with the requirements of Contaminated Land Report 11: Model Procedures for the Management of Land Contamination [RD36]. Any remediation would be designed to mitigate risks from contamination and reduce effects to receptors during construction and operation.	Construction	Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3), Chapter 9	Additional
0649	Soils and Geology	Chapter E7, 7.4.11, (Application Reference Number: 6.5.7)	To reduce potential adverse effects on receptors of contamination as a result of encountering unexpected contamination.	A contamination watching brief would be maintained by suitably qualified and experienced personnel during excavation works so that any areas of unexpected contamination would be identified as soon as practicable.	Construction	Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0650	Soils and Geology	Chapter E7, 7.4.12, (Application Reference Number: 6.5.7)	To reduce potential adverse effects on receptors of contamination as a result of encountering unexpected contamination.	In order to address any areas of unexpected contamination encountered, an unexpected contamination plan ~~scheme~~ would be prepared prior to the commencement of any activities that involve ground disturbance. Processes and procedures would be established that clearly set out the method for dealing with any material affected by contamination encountered during construction works.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0651	Soils and Geology	Chapter E7, 7.4.13, (Application Reference Number: 6.5.7)	To reduce potential adverse effects on receptors of contamination as a result of pollution incidents.	Good practice mitigation during construction would include measures such as good equipment maintenance and repair, and containment systems for all fuel storage areas to reduce leaks and spills.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice

0652	Soils and Geology	Chapter E7, 7.4.15, (Application Reference Number: 6.5.7)	To prevent the loss of materials through their potential classification as waste.	The reuse of materials would be managed in accordance with the Definition of Waste: Development Industry Code of Practice [RD7]. This would allow the reuse of excavated materials as far as possible without them being defined as waste.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0653	Soils and Geology	Chapter E7, 7.4.17, (Application Reference Number: 6.5.7)	To prevent the loss of soil resources.	Topsoil and subsoil (where necessary) would be stripped from where construction activities would otherwise affect (e.g. compact or seal) it. This would be undertaken towards the start of the construction works. The topsoil (and subsoil) would then be reused sustainably within the Wylfa Newydd Project or at a suitable third-party receptor site (e.g. via the CL:AIRE Register of Materials).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0654	Soils and Geology	Chapter E7, 7.4.18, (Application Reference Number: 6.5.7)	To reduce potential adverse effects on soil quality.	Good practice mitigation during construction would follow guidance on soil management such as the Construction Code of Practice for the Sustainable Use of Soils on Construction Sites [RD8]. The measures would include: • appropriate procedures for soil handling, such as stopping works when soil moisture exceeds certain limits; • appropriate segregation of soils, including the segregation of topsoils and subsoils, as well as soils of distinctly different qualities, types or composition; • soils would be stockpiled using methods appropriate to the soil moisture conditions and stored in secure designated areas; • soil storage mounds would have slopes of 1 in 2 (approximately 25˚) or less wherever practicable; and • where soils would be stored for longer than 60 days, stockpiles would be seeded with an appropriate low-maintenance seed mix.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0655	Soils and Geology	Chapter E7, 7.4.23, (Application Reference Number: 6.5.7)	To reduce potential adverse effects on receptors of contamination due to pollution incidents.	Pollution prevention strategies would be implemented in accordance with section 10 of the Wylfa Newydd CoOP (Application Reference Number 8.13). These aim to reduce the risk of accidental leaks and spills occurring, and any effects on receptors should they occur.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 10	Good practice
Volume E, Surface Water and Groundwater							
0656	Surface Water and Groundwater	Chapter E8, 8.4.5 (Application Reference Number: 6.5.8)	Reduction in water quality of surface waterbodies and groundwater bodies, and impacts on fluvial geomorphology.	Good practice mitigation would comprise the adherence to all relevant legislation, statutory and non-statutory guidance as detailed in section 8.2 of chapter B8 (Application Reference Number: 6.2.8) and as stated in the Wylfa Newydd CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice

0657	Surface Water and Groundwater	Chapter E8, 8.4.6 (Application Reference Number: 6.5.8)	Reduction in water quality of surface waterbodies and groundwater bodies, and impacts on fluvial geomorphology.	Soil storage mounds would have slopes of one in two or less where practicable and where soils would be stored for longer than 60 days, stockpiles would be seeded with an appropriate low maintenance seed mix.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0658	Surface Water and Groundwater	Chapter E8, 8.4.6 (Application Reference Number: 6.5.8)	Reduction in water quality of surface waterbodies.	A risk assessment would be undertaken for use of any cementitious materials within 50m of any active watercourse. Appropriate controls, proportionate to the level of risk identified, would be applied to the works.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0659	Surface Water and Groundwater	Chapter E8, 8.4.6 (Application Reference Number: 6.5.8)	Reduction in water quality of surface waterbodies or groundwater bodies.	All refuelling, oiling and greasing would take place above drip trays or on impermeable surfaces (e.g. plant nappy) with sealed drainage and an oil interceptor, which provides protection to underground strata and watercourses, and away from drains as far as is reasonably practicable. Vehicles and plant would not be left unattended during refuelling. Appropriate spill kits would be easily accessible during these activities. Only construction equipment and vehicles free of oil/fuel leaks which could cause material contamination would be permitted on-site. Drip trays would be placed below static mechanical plant.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0660	Surface Water and Groundwater	Chapter E8, 8.4.6 (Application Reference Number: 6.5.8)	Reduction in water quality of surface waterbodies and impacts of fluvial geomorphology.	Measures would be taken to prevent the deposition of silt or other material arising from work operations in existing watercourses or catchment areas. The measures would accord with the principles set out in industry guidelines, including the NRW's Works and maintenance in or near or water: Guidance for Pollution Prevention 5 (GPP) [RD25]. Measures include use and maintenance of temporary lagoons, tanks, bunds, silt fences or silt screens, as well as consideration of the type of plant used and the time of year for working in watercourses.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0661	Surface Water and Groundwater	Chapter E8, 8.4.7 (Application Reference Number: 6.5.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	Any permanent oil storage tanks and temporary storage of over 200 litres of oil in drums and mobile bowsers, as well as ancillary pipe work, valves, filters, sight gauges and equipment require secondary containment, e.g. bunding or drip trays (Water Resources (Control of Pollution) (Oil Storage) (Wales) Regulations 2016).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0662	Surface Water and Groundwater	Chapter E8, 8.4.8 (Application Reference Number: 6.5.8)	Reduction in water quality of surface waterbodies and groundwater bodies, and impacts on fluvial geomorphology.	Good practice mitigation during construction would include following guidance on pollution control and relevant Construction Industry Research and Information Association (CIRIA) guidance on good construction practice, such as Control of Water Pollution from Construction Sites [RD12], as stated in the Wylfa Newydd CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice

0663	Surface Water and Groundwater	Chapter E8, 8.4.9 (Application Reference Number: 6.5.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	Guidance provided in NRW Guidance Pollution Prevention GPP 2 [RD37] and GPP 5 [RD25] would be followed.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0664	Surface Water and Groundwater	Chapter E8, 8.4.10 (Application Reference Number: 6.5.8)	Reduction in water quality of surface waterbodies and groundwater bodies and impacts on fluvial geomorphology.	Culverts and outfalls would be designed following industry guidelines including CIRIA, particularly C689 [RD17], Culvert Design and Operating Guide.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0665	Surface Water and Groundwater	Chapter E8, 8.4.12 (Application Reference Number: 6.5.8)	Reduction in water quality of surface waterbodies and groundwater bodies, and increase in flood risk.	The overspill car parking would use sustainable drainage measures to limit the potential for increase in storm water runoff. These would include the use of ‘grasscrete’ which is a permeable paving material that provides a firm surface for parking on whilst still allowing rainwater to infiltrate to the ground rather than becoming storm water runoff to a watercourse.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0666	Surface Water and Groundwater	Chapter E8, 8.4.12 (Application Reference Number: 6.5.8)	Reduction in water quality of surface waterbodies or groundwater bodies.	A Class 1 full retention oil/water separator would be used for drainage from hardstanding area	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0667	Surface Water and Groundwater	Chapter E8, 8.4.12 (Application Reference Number: 6.5.8)	Reduction in surface water or groundwater quality.	Foul drainage from the Off-Site Power Station Facilities will discharge foul water to the existing foul sewer, although there is potential for use of an on-site pumping station or on-site package wastewater treatment plant if connections to the existing sewer are not possible.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0668	Surface Water and Groundwater	Chapter E8, 8.4.12 (Application Reference Number: 6.5.8)	Increased flood risk.	Drainage and attenuation have been designed so that the peak discharge runoff rates, for a 1 in 100 storm event, are constrained to the current runoff rates such that there is no change to the risk of off-site flooding.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded

0669	Surface Water and Groundwater	Chapter E8, 8.4.12 (Application Reference Number: 6.5.8)	Increased flood risk.	Horizon will maintain the swale between the main part of the Off-Site Power Station Facilities site and the area of additional car parking. Maintenance will include regular inspection and if necessary clearing out to ensure that the swale does not become overgrown or blocked such that it would limit water movement.	Construction	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 10	Embedded
0670	Surface Water and Groundwater	Chapter E8, 8.4.13 (Application Reference Number: 6.5.8)	Reduction in surface water or groundwater quality.	All fuel storage would be within engineered containment facilities including suitably bunded tanks, and would comply with the Association for Petroleum and Explosives Administration guidance including their 'Blue Book' [RD26]. The above-ground system would comply with The Water Resources (Control of Pollution) (Oil Storage) (Wales) Regulations 2016 whilst the below-ground system would meet the requirements of The Environment Agency's approach to groundwater protection (which has been adopted by NRW) [RD27].	Pre-Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 10	Good practice
~~0671~~	~~Surface Water and Groundwater~~	~~Chapter E8, 8.4.12 (Application Reference Number: 6.5.8)~~	~~Reduction in surface water or groundwater quality.~~	[REPEAT OF 666] ~~Drainage from hardstanding areas would pass through a class 1 full retention oil/water separator prior to discharge to surface water.~~	~~Construction~~	~~Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)~~	~~Embedded~~
0672	Surface Water and Groundwater	Chapter E8, 8.4.13 (Application Reference Number: 6.5.8)	Reduction in surface water or groundwater quality.	Operational pollution prevention controls would include measures relating to: - the designation of refuelling areas and areas handling liquid chemicals; - operational controls around access to and use of refuelling and chemical storage facilities; - regular inspection and maintenance of fuel and chemical storage facilities and associated equipment, including oil interceptors; - spill response and clean-up procedures; - regular maintenance of any on-site sewage pipes or related sewage infrastructure; - cleaning out of any sediment traps on the drainage system; and - regular inspection of the parking areas for fuel and oils.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0673	Surface Water and Groundwater	Chapter E8, 8.4.13 (Application Reference Number: 6.5.8)	Reduction in water quality of surface waterbodies and groundwater bodies, and increase in flood risk.	Surface water drainage requirements designed in accordance with CIRIA C753, The SuDS Manual [RD15].	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice

0674	Surface Water and Groundwater	Chapter E8, 8.4.13 (Application Reference Number: 6.5.8)	Reduction in water quality of surface waterbodies and groundwater bodies, and increase in flood risk.	Inspection and maintenance (where inspection has identified this requirement) of the drainage system would be undertaken, particularly oil water separators, attenuation facilities, and culverts and below-ground pipes, to ensure they are operating effectively and to prevent pollution and flooding.	Construction	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 10	Good practice
0675	Surface Water and Groundwater	Chapter E8, 8.4.15 (Application Reference Number: 6.5.8)	Reduction in water quality of surface waterbodies and groundwater bodies, and impacts on fluvial geomorphology.	Upon closure of the Power Station the proposed Off-Site Power Station Facilities site would either be cleared of all buildings and returned to its pre-development state (minus buildings) or the buildings would be retained for re-use. Should demolition take place, all activities would be undertaken in accordance with the relevant legislation and guidance in place at the time.	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Embedded
0676	Surface Water and Groundwater	Chapter E8, 8.4.16 (Application Reference Number: 6.5.8)	Reduction in water quality of surface waterbodies and groundwater bodies, and impacts on fluvial geomorphology.	The drainage system would not be removed during decommissioning and this system would continue to provide mitigation against surface water flooding and pollution within the runoff. Maintenance would be required to ensure the continued efficiency of this drainage system. Whilst in the ownership of Horizon this would remain their responsibility.	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Embedded
0677	Surface Water and Groundwater	Chapter E8, 8.4.17 (Application Reference Number: 6.5.8)	Reduction in water quality of surface waterbodies and groundwater bodies, and increase in flood risk.	Upon closure of the Wylfa Newydd Power Station the proposed Off-Site Power Station Facilities site will either be cleared of all buildings and returned to its pre-development state (minus buildings) or the buildings will be retained for re-use. Should demolition take place, all activities will be undertaken in accordance with the relevant legislation and guidance in place at the time.	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
Volume E, Terrestrial and freshwater ecology							
0678	Terrestrial and Freshwater Ecology	Chapter E9, 9.4.5 (Application Reference Number 6.5.9)	Potential adverse effects resulting from habitat loss.	The design of the development of the Off-Site Power Station Facilities has avoided habitats of low or greater value and existing features have been retained where practicable, e.g. hedgerows, boundary features and watercourses.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded

0679	Terrestrial and Freshwater Ecology	Chapter E9, 9.4.5 (Application Reference Number 6.5.9)	Potential adverse effects resulting from habitat loss and fragmentation.	Existing boundary hedges and trees will be retained where possible.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0680	Terrestrial and Freshwater Ecology	Chapter E9, 9.4.5 (Application Reference Number 6.5.9)	Potential adverse effects resulting from habitat loss and fragmentation.	Retention of stone walls to the north and east of the site.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0681	Terrestrial and Freshwater Ecology	Chapter E9, 9.4.5 (Application Reference Number 6.5.9)	Potential adverse effects resulting from disturbance.	The lighting used during construction of the Off-Site Power Station Facilities will seek to limit the effects on habitats of most value to sensitive ecological receptors.	Construction	Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3), Chapter 4	Embedded
0682	Terrestrial and Freshwater Ecology	Chapter E9, 9.4.6 (Application Reference Number 6.5.9)	Contravention of legislation and disturbance to breeding birds.	Where possible, habitat with the potential to support bird nests, will be removed outside the breeding bird season (typically March to August inclusive). This will ensure that no birds are nesting on-site at the start of construction within or/near to the identified habitat. If it is not possible to avoid the breeding bird season then clearance works will be supervised by the implementation of the measures outlined below: • An ECoW will complete a pre-works survey prior to removing any habitat with the potential to support nesting birds, including ground nesting species. The pre-works survey will identify the presence of any active nests, and in the event they are identified, establish appropriate methodologies to reduce any potential impacts on these nests during clearance works. • The ECoW will supervise the clearance of habitats once it has been established that there are no nests present. • Should active nests be found, either during the pre-works survey or during supervision, then the ECoW will set up a work exclusion zone of an appropriate distance to prevent disturbance. The exclusion zone distance will be set based on the judgement of the ECoW and the species concerned, but will typically range between 5 10m. • Work exclusion zones will be maintained until chicks have fledged or the nest has become inactive, as determined through monitoring visits by the ECoW.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11 DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
0683	Terrestrial and Freshwater Ecology	Chapter E9, 9.4.6 (Application Reference Number 6.5.9)	Contravention of relevant legislation.	In order to manage the risk of introducing and/or spreading INNS, Horizon will prepare one (or more) Biosecurity Risk Assessment (s) and Method Statement (s) to cover all activities, as outlined in the Wylfa Newydd CoCP (Deadline 5, Rev 3)	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice

0684	Terrestrial and Freshwater Ecology	Chapter E9, 9.4.6, (Application Reference Number 6.5.9)	Contravention of protected species legislation.	A pre-construction survey would be completed prior to connecting any drainage infrastructure to existing watercourses to survey for the presence of otter holts and water vole burrows which might be affected by the Off-Site Power Station Facilities. Pre-construction surveys will be completed for the following protected species: 1.Bats 2.Badger 3.Water vole 4.Otter 5.Great Crested Newts	Construction	Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0685	Terrestrial and Freshwater Ecology	Chapter E9, 9.4.6 (Application Reference Number 6.5.9) Response to FWQs/WRs/LIRs	Contravention of legislation and loss of bat roost.	A pre-demolition bat survey will be carried out for any building with low, medium or high roost potential prior to its demolition. This will take place in accordance with best practice guidance and will consist of a dusk emergence survey followed by a dawn re-entry survey, before demolition is due to take place. If no bats are recorded leaving or entering the building, then it will be demolished that day. If bats are recorded using the building, then demolition will be postponed until a European Protected Species Mitigation Licence is obtained. ~~Dependent on the result of the pre-construction survey, provision of a replacement bat roost (in the form of bat boxes), and measures to avoid killing or injuring bats (such as roost exclusion) would be implemented when Building M3 is demolished. If required, the demolition work would take place under the provisions of a European Protected Species licence.~~	Construction	Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0686	Terrestrial and Freshwater Ecology	Chapter E9, 9.4.8 (Application Reference Number 6.5.9)	Disturbance to species.	Soft landscaping, including e.g. hedgerow, shrub and tree planting, on the eastern and southern boundaries of the Off-Site Power Station Facilities, will help reduce light spill onto sensitive ecological receptors, where this does not conflict with operational and security requirements.	Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0687	Terrestrial and Freshwater Ecology	Chapter E9, 9.4.8 (Application Reference Number 6.5.9)	Potential adverse effects resulting from surface water pollution.	The drainage design will provide attenuation capacity to address the potential for increased surface water runoff rates and pollution risks. This will avoid degradation of habitats suitable for otter and water vole.	Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
Volume E, Landscape and Visual							

0688	Landscape and Visual	Chapter E10, 10.4.6 (Application Reference Number: 6.5.10)	To address potential landscape and visual effects.	The following embedded mitigation has been identified for the Off-Site Power Station Facilities: • existing boundary hedges and trees will be retained where possible; and • retention of stone walls to the north and east of the site, along site boundary lines to maintain features contributing to the existing site character.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0689	Landscape and Visual	Chapter E10, 10.4.8 (Application Reference Number: 6.5.10)	To mitigate potential effects on landscape and visual receptors during construction.	The ecology and landscape management strategy would be followed. Relevant measures include: • Protection of existing trees, scrub and hedgerows to be retained in accordance with the recommendations in BS 5837: 2012 Trees in Relation to Design, Demolition and Construction (British Standards Institution, 2012) [RD28].	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0690	Landscape and Visual	Chapter E10, 10.4.8 (Application Reference Number: 6.5.10)	To reduce effects on rural landscape character and visual receptors from lighting provided for security purposes.	Site lighting would be designed to reduce light spill and limit effects on sensitive receptors, for example local communities	Construction	Off-Site Power Station Facilities (Deadline 4, Rev 3), Chapter 4	Good practice
0691	Landscape and Visual	Chapter E10, table E10-3 (Application Reference Number: 6.5.10); Appendix E10-2, table E10-2.1; Appendix F10-3, table E10-3.1.	To reduce adverse visual effects and help integrate the site into the landscape.	Architectural treatment of proposed buildings and structures should seek to integrate with surrounding landscape and reduce adverse visual effects.	Pre-construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Additional
0692	Landscape and Visual	Chapter E10, 10.4.12 (Application Reference Number: 6.5.10)	To address potential landscape and visual effects.	The following embedded mitigation has been identified for the Off-Site Power Station Facilities: • planting to achieve visual screening of the proposed development during operation; • the buildings would be positioned, designed and orientated to reduce their effect on the surrounding areas as far as is practicable within operational requirements; • retention of stone wall to the north and east of the site; and • appropriate architectural design, including scale height, building mass and choice of building finishes to make building in-keeping with the character of its surroundings as far as is practicable, would be adopted.	Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded

0693	Landscape and Visual	Chapter E10, table E10-3 (Application Reference Number: 6.5.10)	To mitigate potential effects on landscape and visual receptors during operation.	Horizon will undertake quarterly landscape site inspections for a five-year period, followed by annual inspection for a second five-year period (total 10 years) in order to ensure landscaping has established appropriately. In the event that these inspections identify that planting has not established, replacement planting on a like for like basis will be undertaken at the first available planting season.	Construction	Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3) Chapter 11 and Wylfa Newydd CoOP (Deadline 5, Rev 3) Chapter 12	Additional
0694	Landscape and Visual	Chapter E10, 10.1.14 and table E10-3 (Application Reference Number: 6.5.10)	To reduce effects on rural landscape character and visual receptors from lighting provided for security purposes.	Measures to reduce light spill from operational lighting to be incorporated into the design.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 4	Good practice
1220	Landscape and Visual	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Lighting levels	The Off-site Power Station Facilities will have three lighting levels. This will be achieved by adjusting the lighting units. • everyday lighting to allow staff to enter, exit, and perform work safely in accordance with BS EN 12464-2:2014 [RD3]; • evening security lighting for after working hours to comply with Centre for the Protection of National Infrastructure standards; and • emergency lighting levels to allow safe access to heavy machinery and equipment during emergency events or drills.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 4	Additional
1221	Landscape and Visual	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Construction Lighting Scheme	Horizon will submit for approval a Construction Lighting Scheme for the Off-Site Power Station Facilities. The scheme will be prepared in accordance with the principles set out the Wylfa Newydd CoCP. The scheme will comprise exterior general area lighting, security and carpark lighting, and the provide following details: • Lighting design; including location, height and tilt of proposed lighting • Lighting controls, to enable variable lighting; • Illuminance levels by area (average and uniformity); • Plans displaying spill light contour lines on Ordnance Survey mapping, highlighting: • light spill over construction boundaries; and • key sensitive receptors with vertical grid lux plots at agreed locations; • Monitoring mechanisms to ensure compliance.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Additional

1222	Landscape and Visual	New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/WRs /LIRs	Landscape Management	A landscape establishment/planting period will commence on completion of the construction works. Long-term landscape management will be implemented for the duration of Horizon's tenancy to ensure successful establishment of proposed landscaping and long-term viability of planting. Landscaping will be inspected regularly during the establishment period, in the event that these inspections identify that planting has not established, replacement planting on a like-for-like basis will be undertaken at the first available planting season. Landscapes will continue to be maintained after the establishment period. The following landscape management techniques will be used as appropriate: -species-rich grassland – grass cutting and weed control; -native hedgerow with trees – pruning, hedge cutting, weed control, treatment of arisings, replanting of gaps and accommodating trees when cutting; -dense planting/woodland Planting will be maintained to keep a 3m distance from the security fence.	Pre-operation	Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3), Chapter 11 and Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 12	Additional
Volume E, Cultural Heritage							
0695	Cultural Heritage	Chapter E11, 11.4.8 (Application Reference Number: 6.5.11)	Reduce effects on the setting of heritage assets during operation	New soft landscaping in various locations around the perimeter of the site, including hedgerow, shrub and tree planting, where this does not conflict with operational and security requirements	Operation	Landscape and Habitat Management Strategy (Deadline 5, Rev 3)	Embedded
0696	Cultural Heritage	Chapter E11, 11.4.8 (Application Reference Number: 6.5.11)	Reduce effects on the setting of heritage assets during operation.	Retention of boundary features of the site retaining some of the existing landscape character.	Operation	Design and Access Statement Volume 3 – Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0697	Cultural Heritage	Chapter E11, 11.4.8 (Application Reference Number: 6.5.11)	Reduce effects on the setting of heritage assets during operation.	Appropriate architectural design, including scale, height, building massing and choice of building finishes to ensure that the Off-Site Power Station Facilities are in keeping with the character of their surroundings as far as is practicable.	Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded

0698	Cultural Heritage	Chapter E11, 11.6.3 and table E11-3 (Application Reference Number: 6.5.11)	Removal of unknown archaeological remains.	Discovery of unknown archaeological remains will be mitigated in accordance with the Wylfa Newydd CoCP (Deadline 5, Rev 3)	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0699	Cultural Heritage	Chapter E11, 11.6.6, table E11-3 (Application Reference Number: 6.5.11) and appendix E11-2 Effects on Heritage Assets (Application Reference Number: 6.5.25)	Effects on Fieldscape, North-west Mon (HLT 2).	A photographic survey will be undertaken to record its current condition.	Construction	Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
1223	Cultural Heritage	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Archaeological Mitigation Scheme	Horizon will prepare and submit an Archaeological Mitigation Scheme for the Off-site Power Station Facilities. Any potential adverse effects on unknown archaeological remains that may be present within the previously undisturbed areas of the Off-site power station facilities site, will be mitigated by the implementation of the Archaeological Mitigation Scheme. The scheme will be prepared in accordance with the principles set out in the Wylfa Newydd CoCP and the Off-Site Power Station Facilities sub-CoCP.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 12 Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
Health Impact Assessment (HIA)							

0700	Health	Health Impact Assessment - Rapid HIA Screening- Off Site Power station facilities	Effects on community identity.	As fencing and lighting have the potential to change the character of the neighbourhood, a sensitive design ethos will be used. The use of spikes, serrated wire or other aggressive security measures should be avoided, where practicable. Coverage by security lighting and cameras should avoid intruding on neighbouring properties.	Operation	Design and Access Statement Volume 3 – Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Additional
0701	Health	Health Impact Assessment - Rapid HIA Screening - Off Site Power station facilities Clarification	Effects on neighbourliness and education.	Horizon will notify occupiers of nearby properties and Llanfaethlu Primary School, at least two weeks, in advance of works taking place, including the type and duration of the activity. This will ensure occupiers are notified of ~~key~~ construction activities that might result in increased noise or disturbance . Neighbours will also be advised of Horizon's Community Involvement Officer and the complaints register in the event that they wish to lodge a complaint regarding construction.	Construction	Off-Site Power Station Facilities sub-CoCP (Deadline 5, Rev 3), Chapter 3	Additional
0702	Health	Health Impact Assessment - Rapid HIA Screening - Off Site Power station facilities	Effects on neighbourliness and education.	Prior to training exercises / drills at the Off-Site Power Station Facilities Horizon will notify occupiers of nearby properties and Llanfaethlu Primary School in advance. The nature and timing of training exercises / drills at the Off-Site Power Station Facilities could be widely publicised (particularly in Llanfaethlu and at the new primary school) to avoid adverse effects on community well-being from uncertainty about whether the increase in activity at the site is training or emergency-related.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 4	Additional
0703	Health	Health Impact Assessment - Rapid HIA Screening - Off Site Power station facilities	Effects on neighbourliness and education.	Horizon will, where feasible, schedule training exercises / drills at the Off-Site Power Station Facilities to avoid peak drop-off and pick-up times at Llanfaethlu Primary School. This will reduce the potential for any reduction in road safety at times when young people are most active on the road network.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 4	Additional

0704	Health	Health Impact Assessment - Rapid HIA Screening - Off Site Power station facilities	Effects on neighbourliness and education.	Prior to operation of the Off-Site Power Station Facilities Horizon will notify occupiers of nearby properties and Llanfaethlu Primary School in relation to the safe nature of regulated activities at these facilities and regulatory requirements Horizon must follow in operating the facilities. Community information sheets will be circulated at least two weeks before operation of the facilities commences. Information will also be disseminated to people in Llanfaethlu to provide reassurance in relation to the nature of regulated activities at these facilities and the safety of such activities in relation to adjacent dwellings and the new primary school.	Pre-operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 4	Additional

Table 1-4 Park and Ride

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(1) Item	(2) Topic	(3) Source	(4) Issue	(5) Mitigation measure	(6) Trigger	(7) Securing Mechanism	(8) Type of Mitigation
Environmental Impact Assessment (EIA)							
Volume F, Public Access and Recreation							
0708	Public access and Recreation	Chapter F4, 4.4.5 (Application Reference Number: 6.6.4) Response to FWQs/WRs /LIRs	Impacts on public access and recreational amenity as a result of the construction of the Park and Ride facility.	Construction work on the Park and Ride facility would be limited to 08:00 to 18:00 hours weekdays and 08:00 to 13:00 hours Saturdays. No work would take place during evening and/or night-time periods or during Saturday afternoon, Sundays or Bank Holidays and Public Holidays (which consist of New Year's Day, Good Friday, Easter Monday, Christmas Day and Boxing Day).	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 4	Good practice
0709	Public access and Recreation	Chapter F4, 4.4.5 (Application Reference Number: 6.6.4)	Impacts of dust on recreational amenity during construction of the Park and Ride facility.	Construction work would be carried out in accordance with an air quality management strategy.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7 and Park and Ride sub- CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0710	Public access and Recreation	Chapter F4, 4.4.5 (Application Reference Number: 6.6.4)	Impacts of noise on recreational amenity during construction of the Park and Ride facility.	Construction work would be carried out in accordance with a noise and vibration management strategy.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8 and Park and Ride sub- CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0711	Public access and Recreation	Chapter F4, 4.4.5 (Application Reference Number: 6.6.4)	Traffic related effects of construction of the Park and Ride facility on public access and recreational amenity.	Construction work would be carried out in accordance with a traffic and transport management strategy.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5 and Park and Ride sub- CoCP (Deadline 5, Rev 3), Chapter 5	Good practice

0712	Public access and Recreation	Chapter F4, 4.4.8 (Application Reference Number: 6.6.4)	Lack of appropriate pedestrian access to the Park and Ride facility.	The design of the Park and Ride includes footway improvements to the existing provision as well as a continuation of footways which would also run along the A5 through to a pedestrian access into the Park and Ride.	Construction ~~Operation~~	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0713	Public access and Recreation	Chapter F4, 4.4.13 (Application Reference Number: 6.6.4)	Effects of dust on recreational amenity during removal of buildings, decommissioning and restoration of the Park and Ride facility site.	Implementation of good practice measures during the removal of buildings, decommissioning and restoration of the site.	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
0714	Public access and Recreation	Chapter F4, 4.4.13 (Application Reference Number: 6.6.4)	Effects of noise on recreational amenity during removal of buildings, decommissioning and restoration of the Park and Ride facility site.	Implementation of good practice measures during the removal of buildings, decommissioning and restoration of the site.	Decommissioning	DCO requirement, Draft Development Consent Order (Application Reference Number: 3.1)	Good practice
Volume F, Air Quality							
0715	Air Quality	Chapter F5, 5.4.12 - 5.4.13 (Application Reference Number 6.6.5)	Reduce dust emissions and the associated effects due to dust deposition.	A combination of construction control measures, management measures and procedures to control the emissions of dust are set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and Park and Ride sub-CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7 and Park and Ride sub- CoCP (Deadline 5, Rev 3), Chapter 7	Good practice

0716	Air Quality	Chapter F5, 5.4.12 - 5.4.13 (Application Reference Number 6.6.5)	Monitoring of dust deposition rates.	An appropriate monitoring programme would form a key part of the overall dust mitigation and management process. The approach and scope of the air quality monitoring survey including dust deposition monitoring is set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and Park and Ride sub-CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7 and Park and Ride sub- CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0717	Air Quality	Chapter F5, 5.4.14 - 5.4.15 (Application Reference Number 6.6.5)	Control of emissions to air from plant and machinery.	Good practice mitigation to reduce emissions of pollutants from plant and machinery are is set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
Volume F, Noise and Vibration							
0718	Noise and Vibration	Chapter F6, 6.4.12 (Application Reference Number: 6.6.6)	Effects of noise from construction activities within the contractor's compound at the Park and Ride.	In choosing the location of the contractor's compound, the distance between noise sources and noise-sensitive receptors would be taken into account and increased as far as reasonably practicable. This would ensure that noise levels from the contractor's compound at sensitive receptors from activities within the contractor's compound would be reduced.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 8	Embedded
0719	Noise and Vibration	Chapter F6, 6.4.13 (Application Reference Number: 6.6.6)	Effects of noise and vibration from construction activities at the Park and Ride.	Normal working hours for the construction of the Park and Ride would be as per the Park and Ride sub-CoCP (Deadline 5, Rev 3): · Monday to Friday: 08.00 - 18.00; and · Saturday: 08.00 to 13.00. No works are proposed during the evening and/or night-time periods or during Saturday afternoons, Sundays or Bank Holidays. With the exception of the Park and Ride construction compound, there will be no night-time working. If construction work is required at these sites outside these hours, this will be identified by Horizon and justified in the s61application which will be made to the IACC in advance of the works.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 4	Embedded

0720	Noise and Vibration	Chapter F6, 6.4.16 (Application Reference Number: 6.6.6)	Effects of noise and vibration from construction activities at the Park and Ride.	Generic noise and vibration control measures as per the Wylfa Newydd CoCP (Deadline 5, Rev 3) include the following: · Choice of methodology/technique for operations (including site layout) would be considered in order to eliminate or reduce emissions at sensitive locations. · Fixed items of construction plant would be electrically powered in preference to diesel or petrol driven. · Wherever practicable fabrication would be undertaken off- site. · Noisy plant would be kept as far away as practicable from sensitive areas. · Equipment would be well maintained and would be used in the mode of operation that minimises noise and vibration as far as practicable. · Equipment would be shut down when not in use or throttled down to a minimum during any waiting periods. · Vehicles and mechanical plant employed for any activity associated with the construction works would be fitted with effective exhaust silencers/suppression equipment. · Plant employed for any activity associated with the construction works would be operated in a manner such that noise emissions are controlled and limited as far as reasonably practicable. · Vehicles would not wait or queue on the public highway with engines running (unless the engine is required to power the operation of the vehicle e.g. concrete wagon). · All materials would be handled in a manner that minimises noise as far as practicable.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0721	Noise and Vibration	Chapter F6, 6.4.17 (Application Reference Number: 6.6.6)	Effects of noise from construction activities at the Park and Ride.	It should be noted that all works would be consented through a prior consent for work on a construction site under s61. Monitoring at locations representative of noise-sensitive receptors during construction would ensure noise levels remain within the permitted levels under the s61 approval. The s61 approval would set out the thresholds and details of the monitoring programme including monitoring equipment, locations, frequency and duration of measurement and personnel skills required. The proposed monitoring programme is likely to involve a combination of short-term spot check measurements and some longer-term monitoring, and review of these initial results to determine if ongoing monitoring is required.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0722	Noise and Vibration	Chapter F6, 6.4.33 (Application Reference Number: 6.6.6)	Effects of noise from operational activities at the Park and Ride.	The Park and Ride is positioned in a location which is of relatively low sensitivity to noise and vibration and relatively far away from residential communities.	Construction ~~Operation~~	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4) Phasing Strategy (Deadline 5, Rev 3)	Embedded

0723	Noise and Vibration	Chapter F6, 6.4.33 (Application Reference Number: 6.6.6)	Effects of noise from operational activities at the Park and Ride.	The bus transfer building and waiting area would be centrally located within the site to increase the offset distance between noise sources (e.g. fixed plant and buses) and nearby sensitive receptors.	Construction ~~Operation~~	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0724	Noise and Vibration	Chapter F6, 6.4.33 (Application Reference Number: 6.6.6)	Effects of noise from operational activities at the Park and Ride.	The bus routes within the site would be designed as a one-way system in order to avoid the need for reversing buses.	Construction ~~Operation~~	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0725	Noise and Vibration	Chapter F6, 6.4.35 (Application Reference Number: 6.6.6)	Effects of noise from operational activities at the Park and Ride.	Good practice mitigation measures would be implemented during the operation of the Park and Ride including: · where practicable, buses would wait with their engines switched off; · buses would not wait on the public highway; and · the use of horns would not be permitted for any vehicles for non-emergency situations (e.g. to signal the attention of Park and Ride staff upon arrival).	Construction ~~Operation~~	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0726	Noise and Vibration	Chapter F6, 6.4.36 (Application Reference Number: 6.6.6)	Effects of noise from operational activities at the Park and Ride.	The programme for monitoring operational noise at the Park and Ride would be established and agreed with Isle of Anglesey County Council prior to commencement of operation. It is anticipated that monitoring would likely include off-site spot check noise surveys at receptors, and some onsite monitoring near particular noise sources at long-term intervals. Monitoring would be undertaken on a quarterly basis as a minimum. Review of these initial results would determine if ongoing monitoring is required.	Construction ~~Operation~~	Park and Ride sub-CoCP (Application Reference Number: 8.10), Chapter 8	Good practice
0727	Noise and Vibration	Chapter F6, 6.4.37 (Application Reference Number: 6.6.6)	Effects of noise from operational activities at the Park and Ride.	Workers using the Park and Ride would be required to register their cars and contact details with Horizon.	Construction ~~Operation~~	WMS (Deadline 5, Rev 2)	Good practice
Volume F, Soils and Geology							

0728	Soils and Geology	Chapter F7, 7.4.9, (Application Reference Number: 6.6.7)	To reduce potential adverse effects on receptors of contamination due to the potential presence of existing contamination.	Horizon will assess and manage land contamination in accordance with guidance within the Model Procedures for the Management of Land Contamination [RD36]. This will include undertaking appropriate ground investigation, assessment and where necessary, remediation, to deal with any risks from land contamination that are identified.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0729	Soils and Geology	Chapter F7, 7.4.10, (Application Reference Number: 6.6.7)	To reduce potential adverse effects on receptors of contamination as a result of encountering unexpected contamination.	In order to address any areas of unexpected contamination encountered, an unexpected contamination plan ~~scheme~~ would be prepared prior to the commencement of any activities that involve ground disturbance. Processes and procedures would be established that clearly set out the method for dealing with any material affected by contamination encountered during construction works.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0730	Soils and Geology	Chapter F7, 7.4.11, (Application Reference Number: 6.6.7)	To reduce potential adverse effects on receptors of contamination as a result of pollution incidents.	Good practice mitigation during construction would include measures such as good equipment maintenance and repair, and containment systems for all fuel storage areas to reduce leaks and spills.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0731	Soils and Geology	Chapter F7, 7.4.13, (Application Reference Number: 6.6.7)	To prevent the loss of materials through their potential classification as waste.	The reuse of materials would be managed in accordance with the Definition of Waste: Development Industry Code of Practice [RD7]. This would allow the reuse of excavated materials as far as possible without them being defined as waste.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0732	Soils and Geology	Chapter F7, 7.4.15, (Application Reference Number: 6.6.7)	To prevent the loss of soil resources.	Topsoil and subsoil (where necessary) would be stripped from where construction activities would otherwise affect (e.g. compact or seal) it. This would be undertaken towards the start of the construction works. The topsoil (and subsoil) would then be reused sustainably within the Wylfa Newydd Project or at a suitable third-party receptor site (e.g. via the CL:AIRE Register of Materials).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice

0733	Soils and Geology	Chapter F7, 7.4.16, (Application Reference Number: 6.6.7)	To reduce potential adverse effects on soil quality.	Good practice mitigation during construction would follow guidance on soil management such as the Construction Code of Practice for the Sustainable Use of Soils on Construction Sites [RD8]. The measures would include: • appropriate procedures for soil handling, such as stopping works when soil moisture exceeds certain limits; • appropriate segregation of soils, including the segregation of topsoils and subsoils, as well as soils of distinctly different qualities, types or composition; • soils would be stockpiled using methods appropriate to the soil moisture conditions; • the height of topsoil storage mounds would be limited to 2m in order to reduce potential adverse effects on topsoil quality and suitability for reuse; • soil storage mounds would have slopes of 1 in 2 (approximately 25˚) or less; and • where soils would be stored for longer than 60 days, stockpiles would be seeded with an appropriate low- maintenance seed mix.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0734	Soils and Geology	Chapter F7, 7.4.21, (Application Reference Number: 6.6.7)	To reduce potential adverse effects on receptors of contamination due to pollution incidents.	Pollution prevention strategies would be implemented in accordance with section 11 of the Wylfa Newydd CoOP (Application Reference Number 8.13). These aim to reduce the risk of accidental leaks and spills occurring, and any effects on receptors should they occur.	Construction ~~Operation~~	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 10	Good practice
Volume F, Surface Water and Groundwater							
0735	Surface Water and Groundwater	Chapter F8, 8.4.6 (Application Reference Number: 6.6.8)	Loss of surface water resources.	All active watercourses identified on-site would be retained.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0736	Surface Water and Groundwater	Chapter F8, 8.4.7 (Application Reference Number: 6.6.8)	Increased flood risk and impacts on fluvial geomorphology.	The development layout has been designed to keep the number of watercourse crossings on the access road to each car park to a minimum by optimising the size of each car park to the number of access points. In addition, the size, shape and orientation of each parking area has been designed to avoid unnecessary watercourse crossings.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded

0737	Surface Water and Groundwater	Chapter F8, 8.4.7 (Application Reference Number: 6.6.8)	Increased flood risk and impacts on fluvial geomorphology.	There is only one crossing of the Nant Dalar Hir and that bridge will be clear span (single span) and will be sited with a soffit level to be above the 1% Annual Exceedance Probability (1 in 100 year storm event) plus climate change flood level.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0738	Surface Water and Groundwater	Chapter F8, 8.4.8 (Application Reference Number: 6.6.8)	Reduction in water quality and impacts on fluvial geomorphology.	The following buffer strips have been embedded into the design (chapter F1, Park and Ride - Proposed development (Application Reference Number: 6.6.1): • 15m buffer either side of the Nant Dalar Hir; and • 10m buffer either side of drainage ditches.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3) Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 10	Embedded
0739	Surface Water and Groundwater	Chapter F8, 8.4.11 (Application Reference Number: 6.6.8)	Reduction in water quality of surface waterbodies.	A risk assessment will be undertaken for use of any cementitious materials within 50m of any active watercourse. Appropriate controls, proportionate to the level of risk identified, will be applied to the works	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0740	Surface Water and Groundwater	Chapter F8, 8.4.11 (Application Reference Number: 6.6.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	All refuelling, oiling and greasing will take place above drip trays or on impermeable surfaces (e.g. plant nappy) with sealed drainage and an oil interceptor, which provides protection to underground strata and watercourses, and away from drains as far as is reasonably practicable. Vehicles and plant would not be left unattended during refuelling. Appropriate spill kits will be easily accessible during these activities. Only construction equipment and vehicles free of oil/fuel leaks which could cause material contamination will be permitted on-site. Drip trays will be placed below static mechanical plant.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0741	Surface Water and Groundwater	Chapter F8, 8.4.11 (Application Reference Number: 6.6.8)	Reduction in water quality of surface waterbodies.	Measures would be taken to prevent the deposition of silt or other material arising from work operations in existing watercourses or catchment areas. The measures will accord with the principles set out in industry guidelines, including NRW's Works and maintenance in or near or water: GPP 5 [RD25]. Measures include use and maintenance of temporary lagoons, tanks, bunds, silt fences or silt screens, as well as consideration of the type of plant used and the time of year for working in watercourses.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice

0742	Surface Water and Groundwater	Chapter F8, 8.4.12 (Application Reference Number: 6.6.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	Any temporary storage of over 200 litres of oil in drums and mobile bowsers, as well as ancillary pipe work, valves, filters, sight gauges and equipment require secondary containment, e.g. bunding or drip trays, will need to comply with the Water Resources (Control of Pollution) (Oil Storage) (Wales) Regulations 2016. Emergency response procedures would be developed to deal with any spills or leaks of fuels or oils	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0743	Surface Water and Groundwater	Chapter F8, 8.4.13 (Application Reference Number: 6.6.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	Guidance on pollution control and relevant Construction Industry Research and Information Association (CIRIA) guidance on good construction practice, such as Control of Water Pollution from Construction Sites, will be followed.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0744	Surface Water and Groundwater	Chapter F8, 8.4.14 (Application Reference Number: 6.6.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	Culverts and outfalls would be designed following industry guidelines including CIRIA, particularly C689, Culvert Design and Operating Guide.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0745	Surface Water and Groundwater	Chapter F8, 8.4.18 (Application Reference Number: 6.6.8)	Increased flood risk.	A potential increase in flood risk from storm water runoff has been mitigated by the drainage design developed for the Park and Ride site which includes the measures outlined below. • Permeable paving across the car parking areas, reducing the increase in impermeable area. • Underground storm water attenuation/storage, sized to contain a 1% Annual Exceedance Probability (1 in 100 year) storm event, with a 20% allowance for climate change. • The majority of car parking would be on permeable paving with a granular sub-base which would form a below-ground storm water attenuation/storage facility • Flood attenuation areas	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0746	Surface Water and Groundwater	Chapter F8, 8.4.19 (Application Reference Number: 6.6.8)	Reduction in water quality of surface waterbodies and groundwater bodies	Bus parking and pickup areas would incorporate oil separators on drainage from the impermeable areas. The oil separators would be located on the inflow to the attenuation tank.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded

0747	Surface Water and Groundwater	Chapter F8, 8.4.20 (Application Reference Number: 6.6.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	The aggregate laid down for car parking would be underlain by an impermeable membrane that would route drainage to oil separators prior to discharge to surface water. In order to manage runoff throughout the lifetime of the Park and Ride, the drainage system would be implemented from as early as practicable in construction.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0748	Surface Water and Groundwater	Chapter F8, 8.4.21 (Application Reference Number: 6.6.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	Surface water drainage from all car parking areas where there is a potential for leaks of fuels, oils or other liquids would incorporate attenuation and appropriate pollution treatment.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0749	Surface Water and Groundwater	Chapter F8, 8.4.21 (Application Reference Number: 6.6.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	The on-site sewage treatment plant will be designed to treat water to appropriate standards as set out in the consenting conditions of the Environmental Permit, and will be fitted with monitoring and controls to check discharge quality and if necessary prevent discharge of water that does not meet the limits of the Environmental Permit.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0750	Surface Water and Groundwater	Chapter F8, 8.4.21 (Application Reference Number: 6.6.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	There would be no bulk fuel storage or refuelling on-site.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Good practice
0751	Surface Water and Groundwater	Chapter F8, 8.4.21 (Application Reference Number: 6.6.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	Regular inspection, maintenance and management of the oil interceptors and the drainage system would take place. In particular, this would focus on removing any silt or other debris build-up in the drainage and interceptors to ensure that they function as designed.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0752	Surface Water and Groundwater	Chapter F8, 8.4.21 (Application Reference Number: 6.6.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	There would be regular inspection of the parking area for fuel and oils. This would include a visual inspection across all parking areas to look for any oil sheen or staining that could indicate contamination that would require mitigation.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 10	Good practice

0753	Surface Water and Groundwater	Chapter F8, 8.4.21 (Application Reference Number: 6.6.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	Spill response and clean-up procedures would be implemented to prevent pollution of watercourses. These would follow guidance provided by NRW in GPP 21 [RD22].	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0754	Surface Water and Groundwater	Chapter F8, 8.4.27 (Application Reference Number: 6.6.8)	Increased flood risk and impacts on fluvial geomorphology.	Where structures such as bridges and culverts would remain within the watercourses, these would be checked following the decommissioning of the Park and Ride to ensure that they are still in good condition and functioning correctly.	Construction ~~Operation~~	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
0755	Surface Water and Groundwater	Chapter F8, table F8-4 (Application Reference Number: 6.6.8)	Management of flood waters from both fluvial and pluvial sources within the Park and Ride.	Further detailed manipulation of the topography of the Park and Ride to be progressed and redirection of flow paths would be used to manage the flood waters from both fluvial and pluvial sources within the Park and Ride without increasing flood risk elsewhere.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Additional
1125	Surface Water and Groundwater	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Flooding at Dalar Hir	Any topsoil to be removed from site during construction will be transported using heavy goods vehicles used to bring in other material (for example Type 1 material). Empty heavy goods vehicles will not be brought onto site to remove topsoil for appropriate off-site disposal.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 5	Additional
1126	Surface Water and Groundwater	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Flooding risk at Dalar Air	All culvert apparatus within the site boundary will be periodically inspected for potential blockages. Debris found would be removed from the culvert to remove the potential for blockages.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 10	Additional

1127	Surface Water and Groundwater	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Slope angles for ponds at Dalar Air	The slope angles for ponds during operation of the facility are 1:3. The slope angles for ponds will be1: 6 upon decommissioning to prevent further effects on landscape whilst allowing agricultural land-use to remain.	Construction ~~Operation~~	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3) and Logistics Centre Plans (Deadline 4, Rev 3)	Embedded
Volume F, Terrestrial and Freshwater Ecology							
0756	Terrestrial and Freshwater Ecology	Chapter F9, 9.4.6 (Application Reference Number 6.6.9)	Potential adverse effects resulting from disturbance to water vole.	To avoid disturbance to water vole, the crossing installed over the Nant Dalar Hir will consist of a clear span (single span) bridge rather than a culvert.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
~~0757~~	~~Terrestrial and Freshwater Ecology~~	~~Chapter F9, 9.4.6 (Application Reference Number 6.6.9)~~	~~Potential adverse effects resulting from habitat loss.~~	Superseded by 0322, relevant Project wide ~~To avoid loss of habitat of most value to breeding birds, bats and common toad, and to avoid disturbance to active badger setts, hedgerows, trees (including root protection zones) and walls will be reinstated and protected, wherever practicable.~~	~~Construction~~	~~Park and Ride sub-CoCP (Deadline 5, Rev 3)~~	~~Embedded~~
0758	Terrestrial and Freshwater Ecology	Chapter F9, 9.4.7 (Application Reference Number 6.6.9)	Potential adverse effects resulting from disturbance to species.	With the exception of Ditch 7, all remaining ditches and streams within the boundary of the Park and Ride would be retained and protected by a 15m machinery/plant exclusion zone surrounding watercourses to mitigate impacts on water quality. Where works within this zone are required, e.g. for drainage infrastructure installation, appropriate risk assessments and method statements will be prepared to limit impacts, prior to works commencing within this zone, which will be completed in the presence of an Environmental Clerk of Works (ECoW). • A buffer zone of 30m would be in place around an existing badger sett in the north of the site. Within these buffer zones, use of heavy plant machinery would not take place. Where work cannot be avoided, hand tools only would be used in accordance with appropriate risk assessments and method statements, and in the presence of an ECoW.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice

0759	Terrestrial and Freshwater Ecology	Chapter F9, 9.4.7 (Application Reference Number 6.6.9)	Potential adverse effects resulting from surface water pollution.	Works compounds, storage sites, access roads and construction work will be located/carried out at an agreed minimum distance from water features as advised by an Environmental Clerk of Works (ECoW).	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0760	Terrestrial and Freshwater Ecology	Chapter F9, 9.4.7 (Application Reference Number 6.6.9)	Potential adverse effects resulting from surface water pollution.	Adherence to the Environment Alliance's Pollution Prevention Guidelines (PPGs), and ensuring the necessary consents for working in proximity to watercourses are obtained. This would include using measures such as management of runoff and use of spill kits. Although PPGs have been withdrawn and are no longer updated, they do still represent good practice.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 10 and Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0761	Terrestrial and Freshwater Ecology	Chapter F9, 9.4.7 (Application Reference Number 6.6.9)	Potential adverse effects resulting from fugitive dust pollution.	Implementing measures to control air quality changes such as dust suppression on haul roads and implementation of appropriate controls on emissions from construction plant.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7	Good practice

0762	Terrestrial and Freshwater Ecology	Chapter F9, 9.4.7 (Application Reference Number 6.6.9)	Contravening legislation and disturbance to breeding birds.	Where possible, habitat with the potential to support bird nests will be removed outside the breeding bird season (typically March to August inclusive). This will ensure that no birds are nesting on-site at the start of construction within or/near to the identified habitat. If it is not possible to avoid the breeding bird season, then clearance works will be supervised by the implementation of the measures outlined below. • An ECoW will complete a pre-construction survey prior to removing any habitat with the potential to support nesting birds, including ground nesting species. The pre-construction survey will identify the presence of any active nests, and in the event they are identified, establish appropriate methodologies to reduce any potential impacts on these nests during clearance works. • The ECoW will supervise the clearance of habitats once it has been established that there are no nests present. • Should active nests be found, either during the pre- construction survey or during supervision, then the ECoW will set up a work exclusion zone of an appropriate distance to prevent disturbance. The exclusion zone distance will be set based on the judgement of the ECoW and the species concerned, but will typically range between 5-10m. • Work exclusion zones will be maintained until chicks have fledged or the nest has become inactive, as determined through monitoring visits by the ECoW.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11 DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
0763	Terrestrial and Freshwater Ecology	Chapter F9, 9.4.7 (Application Reference Number 6.6.9)	Contravening the relevant legislation.	In order to manage the risk of introducing and/or spreading INNS, Horizon will prepare one (or more) Biosecurity Risk Assessment (s) and Method Statement (s) to cover all activities, as outlined in the Wylfa Newydd CoCP (Deadline 5, Rev 3)	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0764	Terrestrial and Freshwater Ecology	Chapter F9, 9.4.7 (Application Reference Number 6.6.9)	Potential adverse effects resulting from mortality of species.	Badger would be protected from accidental entrapment during the construction phase. This would include covering excavations overnight where possible. Where this is not possible, trenches would have shallow sloped ends until they are filled in, or rough planks would be left to act as ramps to allow badger to climb out.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice

0765	Terrestrial and Freshwater Ecology	Chapter F9, 9.4.7 (Application Reference Number 6.6.9) Clarification	Contravening protected species legislation.	A pre-demolition bat survey would be carried out for any building ~~to be demolished~~ with low, medium or high roost potential prior to its demolition. In accordance with best practice guidance [RD38] this would consist of a dusk emergence survey followed by a dawn re-entry survey, before demolition is due to take place. If no bats were recorded leaving or entering the building, then it would be demolished as soon as possible after the survey. If bats are recorded using the building, then demolition would be postponed until a European Protected Species (EPS) mitigation Licence has been obtained.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0766	Terrestrial and Freshwater Ecology	Chapter F9, 9.4.7 (Application Reference Number 6.6.9)	Contravening protected species legislation.	Pre-construction surveys would be completed to determine the exact locations of any water vole burrows in areas of habitat likely to be affected during drainage infrastructure installation. This would inform micro-siting of works to avoid impacts to burrows and the animals themselves. Pre-construction surveys will also be carried for the following Protected Species: 1. Water Vole 2. Badger 3. Otter	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 11 and DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
0767	Terrestrial and Freshwater Ecology	Chapter F9, 9.4.7 (Application Reference Number 6.6.9)	Contravening protected species legislation.	During works to install drainage infrastructure where effects on burrows are likely (as informed by pre-construction surveys), vegetation clearance would take place ahead of works. This is an effective way of dissuading water vole from using an area, if used over a short period, and in small areas. This will be followed by supervision of all works to banks of watercourses by an ECoW. Any water voles found would be released into areas of retained habitat. Pre-construction surveys will also be carried for the following Protected Species: 1. Water Vole 2. Badger 3. Otter	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0768	Terrestrial and Freshwater Ecology	Chapter F9, 9.4.7 (Application Reference Number 6.6.9)	Avoid water pollution.	Works compounds, storage sites, access roads and construction work will be locationed/carried out at an agreed minimum distance from water features as advised by an ECoW.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice

0769	Terrestrial and Freshwater Ecology	Chapter F9, 9.4.11 (Application Reference Number 6.6.9)	Reduce disturbance to fish, breeding birds and badger.	Lighting during the operational stage will ensure that light-spill onto hedges and watercourses are avoided wherever practicable.	Construction ~~Operation~~	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0770	Terrestrial and Freshwater Ecology	Chapter F9, 9.4.11 (Application Reference Number 6.6.9)	Potential adverse effects resulting from water pollution.	The surface water drainage design will include measures to control the peak runoff rate from the site. Attenuation capacity provided will be sufficient to control flooding of the Park and Ride. This will prevent degradation of habitats suitable for fish, macrophytes, macroinvertebrates and water vole, and avoid degradation of Llyn Traffwll SSSI.	Construction ~~Operation~~	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
~~0771~~	~~Terrestrial and Freshwater Ecology~~	~~Chapter F9, 9.5.2 (Application Reference Number 6.6.9)~~	~~Potential adverse effects resulting from dust pollution.~~	Deleted as this is not mitigation ~~The embedded and good practice measures set out in chapter F5 (Application Reference Number: 6.6.5) would result in there being a negligible change in air quality as a result of dust during construction.~~	~~Construction~~	~~Wylfa Newydd CoCP (Deadline 5, Rev 3) and Park and Ride sub-CoCP (Deadline 5, Rev 3)~~	~~Good practice~~
Volume F, Landscape and Visual							

0772	Landscape and Visual	Chapter F10, table F10-3, table F10-6 and table F10-7; (Application Reference Number: 6.6.10). Appendix F10-2 (Application Reference Number:6.6.28). Appendix F10-3 (Application Reference Number: 6.6.29)	Reduce adverse landscape and visual effects.	Advance planting would be implemented within the establishing planting belt parallel with the southern Dalar Hir site boundary and the A5.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Additional
0773	Landscape and Visual	Chapter F10, table F10-3, table F10-6 and table F10-7; (Application Reference Number: 6.6.10). Appendix F10-2 (Application Reference Number: 6.6.28). Appendix F10-3 (Application Reference Number: 6.6.29)	Reduce adverse landscape and visual effects.	Advance planting would reinforce and enhance existing hedgerows.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Additional

0774	Landscape and Visual	Chapter F10, table F10-3, table F10-6 and table F10-7; (Application Reference Number: 6.6.10). Appendix F10-2 (Application Reference Number: 6.6.28). Appendix F10-3 (Application Reference Number: 6.6.29)	Reduce adverse landscape and visual effects.	Early phased programme of grass seeding and management would be implemented as areas are completed to improve integration with surrounding rural area and reduce landscape and visual impacts.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Additional

0775	Landscape and Visual	Chapter F10, table F10-3 and table F10-6 (Application Reference Number: 6.6.10). Appendix F10-2 (Application Reference Number: 6.6.28). Appendix F10-3 (Application Reference Number: 6.6.29)	Reduce adverse landscape and visual effects over a shorter time period.	Planting would be provided to reinforce and enhance existing hedgerows within the earliest appropriate planting season.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Additional

0776	Landscape and Visual	Chapter F10, table F10-5, table F10-6 and table F10-7; (Application Reference Number: 6.6.10). Appendix F10-2 (Application Reference Number: 6.6.28). Appendix F10-3 (Application Reference Number: 6.6.29)	To mitigate the effects on the local landscape character and visual receptors.	External boundaries would be re-instated to pre-development condition or better : 1) existing boundary hedgerows and stone walls, removed for Park and Ride access and egress, would be restored to the original boundary alignment; 2) localised openings to internal hedgerows would be restored where previously removed for vehicular access; and 3) new internal hedgerow, extending east to west, from the location of demolished Dalar Hir farmhouse to the London Road boundary, would restore the existing hedge line removed at construction.	Pre-operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Additional
0777	Landscape and Visual	Chapter F10, table F10-3, table F10-4 and table F10-5~~7~~; (Application Reference Number: 6.6.10). Appendix F10-3 (Application Reference Number: 6.6.29)	To minimise effects on visual receptors.	The colour and structure of the bus canopies would be chosen to reduce the mass of the canopies and visual intrusion. Visually recessive colours and light structural frames would be used. The detailed design of the bus canopies would continue to evolve.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Additional

0778	Landscape and Visual	Chapter F10, 10.4.13 (Application Reference Number: 6.6.10).	Impact on landscape character and visual amenity.	The following mitigation measures would be implemented: • The bus facilities building would have stone-clad and timber effect finishes consistent with surrounding farm buildings. • Design would incorporate species rich hedgerow creation to soften appearance and strengthen the landscape pattern. • New boundary tree and shrub screen planting would be established for the A55. • A lighting design that limits light spill by controlling operational lighting, through the use of control measures e.g. movement sensors, dimming and deactivating lighting in unused car parking zones.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0779	Landscape and Visual	Chapter F10, 10.4.7 (Application Reference Number: 6.6.10).	To reduce effects on landscape character and reduce the visual effects.	Landscape areas would be seeded with appropriate grassland species in order to help integrate into the surrounding landscape. Appropriate management would be undertaken to ensure successful establishment.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0780	Landscape and Visual	Chapter F10, 10.4.19 (Application Reference Number: 6.6.10).	To reduce effects on landscape character and reduce the visual effects.	All areas would be seeded with appropriate grassland species for return of land to agricultural use and in order to help integrate into the surrounding landscape.	Pre-operation	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Embedded
0781	Landscape and Visual	Chapter F10, 10.4.18 (Application Reference Number: 6.6.10).	To retain the landscape pattern and character.	Design would incorporate, wherever possible, features which enable efficient conversion to legacy land use following operation.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded

0782	Landscape and Visual	Chapter F10, 10.4.15 (Application Reference Number: 6.6.10).	Landscape and Visual mitigation.	Horizon would undertake quarterly landscape site inspections for a 5-year period, followed by annual inspection for second 5- year period (total 10 years) in order to ensure landscaping has established appropriately. In the event that these inspections identify that planting has not established, replacement planting on a like for like basis would be undertaken at the first available planting season.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0783	Landscape and Visual	Chapter F10, 10.4.9, 10.4.20 (Application Reference Number: 6.6.10).	Protection of existing trees, scrub and hedgerows.	Protection of existing trees, scrub and hedgerows to be retained in accordance with the recommendations in BS 5837: 2012 Trees in Relation to Design, Demolition and Construction (British Standards, 2012) [RD28].	Construction Decommissioning	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0784	Landscape and Visual	Chapter F10, 10.4.7 (Application Reference Number: 6.6.10).	Impact on landscape character and visual amenity for users of local PRoWs, roads and recreational facilities, and local communities.	The following mitigation measures will be implemented: • Existing hedges and walls are to be retained with localised openings created for pedestrian/vehicular access whenever practicable. • The important landscape features would be retained with buffer zones agreed (e.g. hedges, streams and wet ditches). • Existing topography would be used where possible to limit cut and fill and limit topographical changes. • New tree and shrub planting will bolster existing planting areas along the southern boundary to provide increased visual screening and landscape integration. • Hedgerow creation/tree planting to create new and enhanced species-rich areas.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0785	Landscape and Visual	Chapter F10, 10.4.10 (Application Reference Number: 6.6.10).	Topsoil Storage mounds.	The height of topsoil storage mounds would be limited to 2m, in order to reduce potential visual impact and reduce potential adverse impacts on topsoil quality and the suitability for re-use.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
1224	Landscape and Visual	Response to FWQs/WRs /LIRs	Use of recessive colours in the security fence	The proposed (construction) security fence around the Park and Ride will be finished using a visually recessive colour to mitigate potential adverse visual impact.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional

1225	Landscape and Visual	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Lighting controls	The Park and Ride lighting will be subject to variable lighting controls and motion sensors. Not all zones will be utilised for the entire construction period and when zones are not required, lighting will be deactivated. The car parking areas will be zoned and switched off if they are not in use	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional
1226	Landscape and Visual	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Construction Lighting Scheme	Horizon will submit for approval a Construction Lighting Scheme for the Logistics Centre. The scheme will be prepared in accordance with the principles set out the Wylfa Newydd CoCP and the relevant sub-CoCP. The scheme will comprise general exterior area lighting, security and carpark lighting, and provide the following details: • Lighting design; including location, height and tilt of proposed lighting • Lighting controls, to enable variable lighting; • Illuminance levels by area (average and uniformity); • Plans displaying spill light contour lines on Ordnance Survey mapping, highlighting: • light spill over construction boundaries; and • key sensitive receptors with vertical grid lux plots at agreed locations; • Monitoring mechanisms to ensure compliance.	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 4 Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional
1227	Landscape and Visual	New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/WRs /LIRs	Landscape Management	During operation of the Park and Ride, long-term landscape management will be implemented for the duration of Horizon's tenancy to ensure successful establishment of proposed landscaping and long-term viability of planting. Horizon will undertake quarterly landscape site inspections for a five-year period, followed by annual inspection for a second five-year period (total 10 years) in order to ensure landscaping has established appropriately. In the event that these inspections identify that planting has not established, replacement planting on a like-for-like basis will be undertaken at the first available planting season. The following landscape management techniques will be used as appropriate: -species-rich grassland - grass cutting and weed control; -native hedgerows with trees – pruning, hedge cutting, weed control, treatment of arisings, replanting gaps and accommodating trees when cutting; and -tree/shrub planting – pruning, weed control and replanting gaps.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
Volume F, Cultural Heritage							

0786	Cultural Heritage	Chapter F11, 11.4.6 (Application Reference Number: 6.6.11)	Reduce effects on HLT and on the setting of heritage assets during construction.	Historic field boundaries will be retained and enhanced, where practicable, to maintain the landscape character.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0787	Cultural Heritage	Chapter F11, 11.4.6 (Application Reference Number: 6.6.11)	Removal of archaeological remains.	Establishment of environmental buffer zones identified in chapter F2 (alternatives and design evolution) (Application Reference Number: 6.6.2) and shown on figure A2-3 of this Environmental Statement (Application Reference Number: 6.1.11).	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 12	Embedded
0788	Cultural Heritage	Chapter F11, 11.4.9 (Application Reference Number: 6.6.11)	Reduce effects on the setting of heritage assets during operation.	Historic field boundaries will be retained and enhanced, where practicable, to maintain the landscape character.	Construction ~~Operation~~	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0789	Cultural Heritage	Chapter F11, 11.4.9 (Application Reference Number: 6.6.11)	Reduce effects on the setting of heritage assets during operation.	Retention of the stone wall along the southern boundary of the site (shown on figure A2-3 of this Environmental Statement (Application Reference Number: 6.1.11)).	Construction ~~Operation~~	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded

0790	Cultural Heritage	Chapter F11, 11.6.3 (Application Reference Number: 6.6.11) and appendix F11-5 Effects on Heritage Assets (Application Reference Number: 6.6.36)	Removal of Dalar Hir Burnt Mound and Linear Ditches (Asset 15).	Archaeological excavation.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0791	Cultural Heritage	Chapter F11, 11.6.3 (Application Reference Number: 6.6.11) and appendix F11-5 Effects on Heritage Assets (Application Reference Number: 6.6.36)	Removal of Dalar Hir Burnt Mound, Pits, Ditches and Postholes (Asset 18).	Archaeological excavation.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0792	Cultural Heritage	Chapter F11, 11.6.3 (Application Reference Number: 6.6.11) and appendix F11-5 Effects on Heritage Assets (Application Reference Number: 6.6.36)	Removal of Dalar Hir Possible Burnt Mound (Asset 14).	Archaeological excavation.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0793	Cultural Heritage	Chapter F11, 11.6.5 (Application Reference Number: 6.6.11) and appendix F11-5 Effects on Heritage Assets (Application Reference Number: 6.6.36)	Removal of Former Clawdd (Asset 2).	Photographic survey.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0794	Cultural Heritage	Chapter F11, 11.6.6 (Application Reference Number: 6.6.11) and appendix F11-5 Effects on Heritage Assets (Application Reference Number: 6.6.36)	Removal of Boundary Wall Adjacent to Telford A5 Road (Asset 1).	Level 1 Historic Building Recording.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
0795	Cultural Heritage	Chapter F11, 11.6.6 (Application Reference Number: 6.6.11) and appendix F11-5 Effects on Heritage Assets (Application Reference Number: 6.6.36)	Removal of Dalar Hir Farmstead (Asset 4).	Level 1 Historic Building Recording.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional

0796	Cultural Heritage	Chapter F11, 11.6.8 (Application Reference Number: 6.6.11) and appendix F11-5 Effects on Heritage Assets (Application Reference Number: 6.6.36)	Removal of elements of Fieldscape, Central Eastern Mon, HLT (HLT 1).	Photographic survey.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
Health Impact Assessment (HIA)							
0797	Health	Health Impact Assessment - Rapid HIA Screening - Dalar Hir Park and Ride Facility	Promotion of health and well-being	During operation of the Park and Ride, Horizon will provide information at waiting areas to promote health and well-being, including occupational health and hygiene and good worker conduct.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 4	Embedded
0798	Health	Health Impact Assessment - Rapid HIA Screening - Dalar Hir Park and Ride Facility	Effects on use of PRoW.	All Horizon’s permanent and temporary signs at the Park and Ride will be in Welsh and English during construction, operation and decommissioning.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 6	Embedded

0799	Health	Health Impact Assessment - Rapid HIA Screening - Parc Cybi Logistics Centre	Effects on social networks.	Bilingual Signage will be erected on the Lôn Trefignath as it approaches the site entrance (in both directions) and on the highway at the site entrance and at the site exit, during operation of the Logistics Centre. This will warn pedestrians, cyclists and drivers of the zebra crossing and potential conflicts as traffic moves in and out of the Logistics Centre.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 6 WMS (Deadline 5, Rev 2)	Embedded
0800	Health	Health Impact Assessment - Rapid HIA Screening - Dalar Hir Park and Ride Facility	Effects on access to health services.	In relation to the Park and Ride's activities, Horizon will ensure resident, visitor and medical service access to the Gwyddfor Residential Home and Cartio Môn Go Karting centre is maintained at all times throughout the construction, operation and decommissioning period .	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 6	Additional
0801	Health	Health Impact Assessment - Rapid HIA Screening - Dalar Hir Park and Ride Facility	Effects on access to education	In relation to the Park and Ride's activities, Horizon will ensure access to Ysgol Uwchradd Bodedern School is maintained at all times throughout the construction, operation and decommissioning period.	Construction	Park and Ride sub-CoCP (Deadline 5, Rev 3), Chapter 6	Embedded

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Table 1-5 A5025

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(1) Item	(2) Topic	(3) Source	(4) Issue	(5) Mitigation measure	(6) Trigger	(7) Securing Mechanism	(8) Type of Mitigation
Environmental Impact Assessment (EIA)							
Volume G, Socio-economics							
0802	Socio-economics	Chapter G3, 3.4.6 (Application Reference Number: 6.7.3)	Local community and businesses.	Mitigation measures have been incorporated into the design of the A5025 Off-line Highway Improvements and considered in the assessment of potential socio-economic effects. For example, those mitigation measures specific to agricultural land interests include the replacement of boundary features (i.e. fences, walls and hedges) with appropriate materials to provide a secure boundary which requires temporary or permanent alteration during construction.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 11	Embedded
0803	Socio-economics	Chapter G3, table G3-16 (Application Reference Number: 6.7.3)	Community amenity	The Wylfa Newydd CoCP (Application Reference Application 8.6) and A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3) set out the requirements of work ensuring compliance with legislation and the effective planning, management and control of construction activities with the aim of reducing and avoiding adverse effects on the local community and the environment. The A5025 Off-line Highway Improvements will be subject to both the (Application Reference Application: 8.6) and A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12) which will outline management strategies for air quality, noise and vibration, traffic and transport, public access, etc.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3) and A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3)	Good practice
0804	Socio-economics	Chapter G3, table G3-16 (Application Reference Number: 6.7.3)	Public access	Access to/from residential property, local businesses and local services and agricultural interests will be maintained throughout the construction period by means of signed diversions, where necessary. The estimated duration and location of these diversions will be communicated to affected parties, as required, before they are put in place.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3) and A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 6	Good practice
0805	Socio-economics	Chapter G3, table G3-16 (Application Reference Number: 6.7.3)	Disturbance to affected landowners	The A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3) outlines the consultation strategy, which includes engagement with affected landowners and occupiers to discuss the location and timing of planned construction works to reduce disturbance, where practicable, taking into account the overall construction programme.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 3	Good practice

0806	Socio-economics	Chapter G3, table G3-16 (Application Reference Number: 6.7.3)	Disturbance to agricultural businesses	Water supplies for livestock will be identified pre-construction and, where supplies are lost or access is compromised by any construction works, temporary and/or permanent alternative supplies will be provided as agreed with the landowner/occupier.	Pre-construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0807	Socio-economics	Chapter G3, table G3-16 (Application Reference Number: 6.7.3)	Health and safety of the public and wildlife	In addition to the safety fencing identified in chapter 4 of the Wylfa Newydd CoCP (Deadline 5, Rev 3), where construction will take place adjacent to land containing livestock, fencing of working areas will be to a standard adequate for excluding any livestock kept on adjoining land and will be subject to agreement with the landowner.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3) and A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3)	Good practice
0808	Socio-economics	Chapter G3, table G3-16 (Application Reference Number: 6.7.3)	Avoidance the spreading of soil-borne pests and diseases, animal and crop diseases, tree pests and diseases, and invasive species.	As outlined in section 9 of the Wylfa Newydd CoCP (Deadline 5, Rev 3), guidance for the Sustainable Use of Soils on Construction Sites and Good Practice Guide for Handling Soils will be followed. In addition, a Biosecurity Risk Assessment and Method Statement would detail how contaminated areas, (including soil-borne pests and diseases, animal and crop diseases, tree pests and diseases, and invasive species) would be demarcated, and how the disposal of contaminated waste would be managed throughout the works. This would include details of how the transfer of viable propagules of invasive non-native species by people or vehicles would be prevented.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9, 11	Good practice
0809	Socio-economics	Chapter G3, table G3-16 (Application Reference Number: 6.7.3)	Reduce the likelihood of damage or disturbance to field drainage systems during construction.	Further to the drainage and flood risk good practice measures included in section 10 of the Wylfa Newydd CoCP (Deadline 5, Rev 3), specific measures to deal with the potential effects on agricultural land will be required. Pre-construction drainage surveys will be undertaken to reduce the likelihood of damage or disturbance to field and forestry drainage systems during construction. Where required, the integrity of the drainage system will be secured in advance of construction. Repairing and reinstatement of drains affected by construction will be agreed with the landowner/occupier to ensure that land capability is maintained and the risk of flooding is not exacerbated.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10, and A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0810	Socio-economics	Chapter G3, table G3-16 (Application Reference Number: 6.7.3) Clarification	Restoration of land following the completion of works.	On completion of works, any land required temporarily for construction works will be returned to its original condition. Where stone walls require removal as part of construction, their loss will be mitigated by re-building them using the stone from the dismantled stone walls, where practicable.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 4	Good practice

0811	Socio-economics	Chapter G3, table G3-16 (Application Reference Number: 6.7.3)	Land surplus to requirements on completion of works.	Land that is declared surplus following completion of construction of the proposed scheme (including redundant road pavement and/or access tracks) will be offered back to former owners or their successors in accordance with the Crichel Down Rules.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3)	Good practice
0812	Socio-economic	Chapter G3, table G3-16 (Application Reference Number: 6.7.3)	Disruption to businesses (where access has changed).	The replacement of existing roadside signage on the A5025 Off-line Highway Improvements for certain businesses whose access has changed and whose business is particularly dependent upon vehicular movements from the A5025.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 6A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 6	Good practice
Volume G, Public Access and Recreation							
0813	Public Access and Recreation	Chapter G4, 4.4.8 (Application Reference Number: 6.7.4)	Effects of dust on recreational amenity.	Construction work would be carried out in accordance with an air quality management strategy.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7 and A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0814	Public Access and Recreation	Chapter G4, 4.4.9 (Application Reference Number: 6.7.4)	Effects of noise on recreational amenity.	Construction work would be carried out in accordance with a noise and vibration management strategy.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8 and A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0815	Public Access and Recreation	Chapter G4, 4.4.10 (Application Reference Number: 6.7.4)	Traffic related effects on public access and recreational amenity	Temporary Traffic Management (TTM) procedures would be used where required at each of the proposed sites which will affect the public highway, for example, temporary traffic signals or manned stop-and-go boards. Horizon would work with the appropriate authorities to agree the appropriate traffic management arrangements.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 6	Good practice

0816	Public Access and Recreation	Chapter G4, 4.4.11 (Application Reference Number: 6.7.4)	Traffic related effects of construction on public access and recreational amenity.	Construction work would be carried out in accordance with a traffic and transport management strategy. This would include strategies the contractor would take to manage traffic movements (including walkers, cyclists and horse riders) along the existing A5025 and adjoining minor roads and walkers travelling along PRoWs adjoining the road, including diversions or closures where required. It would also comply with the following assumptions: - PRoW will be kept open or temporarily diverted wherever practicable during construction. Where closures or diversions are required, they will be for the shortest duration practicable for the works required; - bilingual signage would be erected in advance of temporary diversion outlining the diversion route to be followed; - if temporary alterations to a PRoW occur as a result of the Wylfa Newydd DCO Project, Horizon will ensure that reinstatement is carried out to at least the original condition.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 5 and Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Good practice
0817	Public Access and Recreation	Chapter G4, 4.4.15-4.4.16 and 4.4.22 (Application Reference Number: 6.7.4)	Lack of safe and appropriate access for pedestrians and cyclists.	Sections of shared use footway/cycleway would be provided to enable safe access around the roundabout within section 1 of the proposed scheme, and the footway which is currently located along the A5 between Caergeiliog and Valley would be designated as shared use. Sections of shared use footway/cycleway would also be provided between the existing A5025 (which would be closed to southbound motorised traffic) and the bypass within section 1 to enable safe access onto the A5025.Sections of shared use footway/cycleway would be provided through the Power Station Access Road junction and east of the Power Station Access Road junction to link to the shared use footway/cycleway provided as part of the A5025 On-line Highway Improvements.	Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0818	Public Access and Recreation	Chapter G4, 4.4.17 (Application Reference Number: 6.7.4)	Diversion of PRoW 27/020/1 and 27/012/1 would result in users to cross the A5025 at grade where no crossing is currently required.	Footways and crossing points would be provided to enable walkers using PRoW 49/014/2 and 27/012/1 to cross the A5025 towards minor roads located on the opposite side of the carriageway.	Operation	Right of Way Plans (Application Reference Number: 2.4)	Embedded
0819	Public Access and Recreation	Chapter G4, 4.4.18 (Application Reference Number: 6.7.4)	Impacts on users of PRoW 27/018/1 by the off-line highway improvements.	PRoW 27/018/1 would be diverted south of the its existing alignment beneath the bypass within section 3 of the proposed scheme as shown in figure G4-6. A section of shared use footway/cycleway would be provided along the eastern section of the A5025 between the PRoW 18/08/1 and the minor road which runs west from the northernmost extent of section 3 towards Llanfwrog.	Operation	Right of Way Plans (Application Reference Number: 2.4)	Embedded

0820	Public Access and Recreation	Chapter G4, 4.4.19 (Application Reference Number: 6.7.4)	Impacts on users of PRoW 29/009/1 by the off-line highway improvements.	Footpath 29/009/1 would have new crossing point and new footpath to connect to existing route.	Construction	Right of Way Plans (Application Reference Number: 2.4)	Embedded
0821	Public Access and Recreation	Chapter G4, 4.4.19 (Application Reference Number: 6.7.4)	Impacts on users of PRoW 29/009/1 by the off-line highway improvements.	A section of shared use footway/cycleway would be provided within section 5 between the Black Lion Inn and the main community at Llanfaethlu.	Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0822	Public Access and Recreation	Chapter G4, 4.4.20-21 (Application Reference Number: 6.7.4)	Impacts on users of PRoW 18/018/1 by the off-line highway improvements. This PRoW would be permanently closed.	Walkers would be rerouted from the minor road along and across the A5025. Access across the A5025 between eastern and western sections of the minor road which bisect the existing A5025 within the centre of section 7 would be provided. This access would be suitable for walkers and cyclists.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 6	Embedded
0823	Public Access and Recreation	Chapter G4, table G4-6 (Application Reference Number: 6.7.4)	The Tour de Môn cycle race would be affected by delays caused by traffic management and potentially affected by the road surfacing over which the cyclists are riding.	Construction will be managed to enable to Tour de Môn cycle race to proceed freely using the existing route.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 6	Additional
Volume G, Air Quality							
0824	Air Quality	Chapter G5, 5.4.13 to 5.4.14 (Application Reference Number 6.7.5)	Reduce dust emissions and the associated effects due to dust deposition.	A combination of construction control measures, management measures and procedures to control the emissions of dust are set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and A5025 Off-line Highway Improvements sub- CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7 and A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 7	Good practice

0825	Air Quality	Chapter G5, 5.4.13 to 5.4.14 (Application Reference Number 6.7.5)	Monitoring of dust deposition rates and pollutant concentrations.	An appropriate monitoring programme would form a key part of the overall dust mitigation and management process. The approach and scope of the air quality monitoring survey include continuous automatic monitoring of ambient particulate concentrations and dust deposition monitoring are set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7 and A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0826	Air Quality	Chapter G5, 5.4.15 - 5.4.16 (Application Reference Number 6.7.5)	Control of emissions to air from plant and machinery.	Good practice mitigation to reduce emissions of pollutants from plant and machinery are is set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
Volume G, Noise and Vibration							
0827	Noise and Vibration	Chapter G6, 6.4.9 (Application Reference Number: 6.7.6) Response to FWQs/WRs/LIRs	Effects of noise and vibration from construction activities associated with the A5025 Off- line Highway Improvements.	Normal working hours for the construction works at the A5025 Off-line Highway Improvements construction sites between: · Monday to Friday: 07:00 – 18:00; and · Saturday: 07:00 to 13:00. No works are proposed during the sensitive evening and/or night-time periods, Saturday afternoons, Sundays or Bank Holidays and Public Holidays (which consist of New Year's Day, Good Friday, Easter Monday, Christmas Day and Boxing Day). If construction work is required at these sites outside of these hours, this would be identified by Horizon and justified in the s61 application which would be made to the IACC in advance of the works.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 4	Embedded
0828	Noise and Vibration	Chapter G6, 6.4.10 (Application Reference Number: 6.7.6)	Effects of noise from construction activities associated with the A5025 Off- line Highway Improvements.	Plant and equipment would comply with the noise limits outlined in the relevant European Commission Directive 2000/14/EC which is enacted in the Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001 (SI) 2001/1701. All plant and equipment would be maintained on a regular basis to ensure good working order and compliance with these limits.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Embedded

0829	Noise and Vibration	Chapter G6, 6.4.13 (Application Reference Number: 6.7.6)	Effects of noise and vibration from construction activities associated with the A5025 Off- line Highway Improvements.	Good practice mitigation includes adopting Best Practicable Means (BPM) (as defined in section 72 of the Control of Pollution Act 1974). Where practicable, the control measures set out in BS 5228-1, section 8 [RD1] and BS 5228-2 [RD2] should be implemented. Generic noise and vibration control measures include: · choice of methodology/technique for construction operations (including site layout) will be considered in order to eliminate or reduce emissions at sensitive locations; · fixed items of construction plant would be electrically powered in preference to diesel or petrol-driven; · where reasonably practicable, plant and/or methods of work causing significant levels of vibration at sensitive premises (such as vibratory rollers) should be replaced by other less intrusive plant and/or methods of working; · where reasonably practicable, stationary plant (e.g. generators, pumps, compressors) should be positioned away from structures connected to sensitive premises or isolated using resilient mountings; · wherever practicable, fabrication would be undertaken off- site; · noisy plant and plant producing high levels of vibration would be kept as far away as possible from sensitive areas; · equipment would be well-maintained; · equipment would be shut down when not in use or throttled down to a minimum during waiting period; · vehicles and mechanical plant employed for any activity associated with the construction works would be fitted with effective exhaust silencers/suppression equipment; · plant employed for any activity associated with the construction works would be operated in a manner such that noise and vibration emissions are controlled and limited as far as reasonably practicable; and · vehicles would not wait or queue on the public highway with engines running (unless the engine was required to power the operation of the vehicle e.g. concrete wagon).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0830	Noise and Vibration	Chapter G6, 6.4.14 (Application Reference Number: 6.7.6)	Effects of noise and vibration from construction activities associated with the A5025 Off- line Highway Improvements.	Construction noise and vibration monitoring requirements for the A5025 Off-line Highway Improvements, including the locations and proposed programme for monitoring will be set out in the s61, which will be submitted to the IACC for approval prior to commencing construction. Spot checks and BPM audits will be undertaken during construction to ensure noise levels remain within the permitted levels under the s61 approval. Actions to be undertaken in the event that monitoring identifies a breach of a threshold are set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3).	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0831	Noise and Vibration	Chapter G6, 6.6.5 (Application Reference Number: 6.7.6)	Effects of noise from construction activities (hydraulic breaker) associated with the A5025 Off- line Highway Improvements.	The use of a hydraulic breaker would be required for the construction of the A5025 Off-line Highway Improvements. Horizon would implement mitigation requirements to ensure that quiet plant and techniques are used in order reduce noise emissions. Mitigation measures would be implemented to ensure that noise emissions experienced at the nearest existing noise-sensitive receptor, from the use of the hydraulic breaker, are reduced by 10dB(A) from those assumed in the initial noise modelling (as detailed in appendix G6-1 (Application Reference Number: 6.7.18). This could be achieved by use of a temporary mobile barrier, selection of quieter plant or alteration of working methods. The application for prior consent under s61, to be submitted to the Isle of Anglesey County Council will include a noise assessment, and demonstrate that BPM have been employed.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 8	Additional

0832	Noise and Vibration	Chapter G6, 6.6.6 (Application Reference Number: 6.7.6)	Effects of vibration from construction activities associated with the A5025 Off- line Highway Improvements.	Horizon would undertake a vibration risk assessment as part of the s61 application for any construction activity involving vibratory or impact equipment (such as vibratory rollers) to be used at the A5025 Off-line Highway Improvements. Horizon would undertake a vibration risk assessment as part of the s61 application for any construction activity involving vibratory or impact equipment to be used on the Main Site. This assessment would establish safe working distances for receptors in relation to construction vibration. This would ensure that any equipment that is identified as having potentially adverse vibration effects can be located sufficiently far from any sensitive receptors, so any effects on such receptors could be reduced to negligible. Where works are required within the safe working distances, alternative equipment or working methods would be investigated and vibration levels would be reduced to the greatest extent practicable. The s61 application would also describe appropriate vibration monitoring which would be carried out at the closest receptors to determine the success of these requirements. Where adopted alternative equipment and working methods still result in significant effects on sensitive receptors, respite periods would be considered.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 8	Additional
0833	Noise and Vibration	Chapter G6, 6.6.7 (Application Reference Number: 6.7.6)	Effects of noise and vibration from construction activities associated with the A5025 Off- line Highway Improvements.	A bilingual Community Liaison Group would be established and construction issues would be regularly discussed between Horizon and representatives from the local community, as per the community liaison strategies set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 3	Additional
0834	Noise and Vibration	Chapter G6, 6.6.9 (Application Reference Number: 6.7.6)	Effects of noise and vibration from construction activities associated with the A5025 Off- line Highway Improvements.	Horizon is committed to a voluntary Local Noise Mitigation Strategy which offers secondary glazing to properties within the Local Noise Mitigation Strategy boundary area for the main site and along the A5025. Horizon is also committed to ongoing monitoring of noise effects and considering additional eligibility of affected properties during construction as part of the s61 process in due course.	Operation	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Additional
Volume G, Soils and Geology							
0835	Soils and Geology	Chapter G7, 7.4.8, (Application Reference Number: 6.7.7)	To reduce potential adverse effects on receptors of contamination as a result of encountering unexpected contamination.	Good practice mitigation during construction would include the preparation of an unexpected contamination plan ~~scheme~~ prior to the commencement of any activities that involve ground disturbance in order to address any areas of unexpected contamination encountered. Processes and procedures would be established that clearly set out the method for dealing with any material affected by contamination encountered during construction works.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice

0836	Soils and Geology	Chapter G7, 7.4.9, (Application Reference Number: 6.7.7)	To reduce potential adverse effects on receptors of contamination as a result of pollution incidents.	Good practice mitigation during construction would include measures such as good equipment maintenance and repair, and containment systems for all fuel storage areas to reduce leaks and spills.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0837	Soils and Geology	Chapter G7, 7.4.11, (Application Reference Number: 6.7.7)	To prevent the loss of materials through their potential classification as waste.	The reuse of materials would be managed in accordance with the Definition of Waste: Development Industry Code of Practice [RD7]. This would allow the reuse of excavated materials as far as possible without them being defined as waste.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0838	Soils and Geology	Chapter G7, 7.4.12, (Application Reference Number: 6.7.7) Response to FWQs/WRs/LIRs	To prevent the loss of soil resources.	Topsoil and subsoil (where necessary) would be stripped from all areas where construction activities would otherwise affect (e.g. compact or seal) it, with the exception of environmental buffer areas. The soils would be reused on-site in landscape areas and batter slopes, elsewhere within the Wylfa Newydd Project, or at a suitable third-party receptor site (e.g. via the CL:AIRE Register of Materials). Topsoil and subsoil stripped from the flood compensation area would be reinstated to the area following excavation of the underlying geology to lower the landform.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 9 Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0839	Soils and Geology	Chapter G7, 7.4.13, (Application Reference Number: 6.7.7)	To reduce potential adverse effects on soil quality.	The Wylfa Newydd CoCP (Deadline 5, Rev 3) sets out good practice mitigation measures following guidance on soil management such as the Construction Code of Practice for the Sustainable Use of Soils on Construction Sites [RD8]. The measures would include: • appropriate procedures for soil handling, such as stopping works when soil moisture exceeds certain limits; • appropriate segregation of soils, including the segregation of topsoils and subsoils, as well as soils of distinctly different qualities, types or composition; • soils would be stockpiled using methods appropriate to the soil moisture conditions; • the height of topsoil storage mounds would be limited to 2m in order to reduce potential adverse effects on topsoil quality and suitability for reuse; • soil storage mounds would have slopes of 1 in 2 (approximately 25˚) or less wherever practicable; and • where soils would be stored for longer than 60 days, stockpiles would be seeded with an appropriate low- maintenance seed mix.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice

Volume G, Water and Groundwater							
0840	Surface water and Groundwater	Chapter G8, 8.4.6 (Application Reference Number: 6.7.8)	Adverse effects on wetland habitats relating to changes in groundwater flows or quality.	The Off-line Highway Improvements will be designed to reduce the potential effects of the development on wetland habitats which may have groundwater dependency by keeping the footprint of the development as far from such wetland habitats as practicable.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0841	Surface water and Groundwater	Chapter G8, 8.4.7 (Application Reference Number: 6.7.8) Clarification	Increased flood risk.	~~Floodplain compensatory storage has been incorporated into the design at section 1 (Valley). This~~ Flood compensatory storage will not impact on the highway drainage scheme. Appropriate design of compensation flood storage will be undertaken and agreements with key stakeholders and landowners will be implemented.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Application Reference Number: 8.2.3)	Embedded
0842	Surface water and Groundwater	Chapter G8, 8.4.9 (Application Reference Number: 6.7.8)	Reduction in water quality of surface waterbodies.	Horizon will carry out a risk assessment for all works within 15m of watercourses, including but not limited to, clearance adjacent to watercourses, construction of bridges and drainage outfalls. Furthermore, a risk assessment will be undertaken for use of any cementitious materials within 50m of any active watercourse. Appropriate controls, proportionate to the level of risk identified, will be applied to the works.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0843	Surface water and Groundwater	Chapter G8, 8.4.9 (Application Reference Number: 6.7.8)	Reduction in water quality of surface waterbodies and impacts on fluvial geomorphology.	Measures will be taken to prevent the deposition of silt or other material arising from work operations in existing watercourses or catchment areas. The measures will accord with the principles set out in industry guidelines, outlined in the Wylfa Newydd CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0844	Surface water and Groundwater	Chapter G8, 8.4.9 (Application Reference Number: 6.7.8)	Reduction in water quality of surface waterbodies.	No fuel, oil or chemical substances will be stored within 15m of a watercourse.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0845	Surface water and Groundwater	Chapter G8, 8.4.9 (Application Reference Number: 6.7.8)	Reduction in water quality of surface and groundwater bodies.	Any containers of contaminating substances on-site shall be leak-proof and kept in a safe and secure building or compound from which they cannot leak, spill or be open to vandalism. The containers will be protected by temporary impermeable bunds (or drip trays for small containers) with a capacity of 110% of the maximum stored volume. Areas for transfer of contaminating substances (including refuelling areas) will be similarly protected and have appropriate spill kits.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice

0846	Surface water and Groundwater	Chapter G8, 8.4.9 (Application Reference Number: 6.7.8)	Reduction in water quality of surface and groundwater bodies.	Horizon shall employ protective measures to control the risk of pollution to groundwater, which will, in particular, be consistent with the Environmental Permitting (England and Wales) Regulations 2016.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0847	Surface water and Groundwater	Chapter G8, 8.4.10 (Application Reference Number: 6.7.8)	Reduction in water quality of surface and groundwater bodies.	Good practice mitigation during construction would include following guidance on pollution control and relevant Construction Industry Research and Information Association (CIRIA) guidance on good construction practice: • Environmental Handbook for Building and Civil Engineering Projects (3 Parts) (C512, C528, C529) [RD9] [RD10] [RD11]; • Control of water pollution from construction sites. Guidance for consultants and contractors (C532) [RD12]; • Environmental good practice on site guide (fourth edition) (C741) [RD13]; • Land use management effects on flood flows and sediment – guidance on prediction (C719D) [RD14]; • The SuDS Manual (C753) [RD15[; • Development and flood risk – guidance for the construction industry (C624) [RD16]; and • Culvert Design and Operating Guide (C689) [RD17].	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0848	Surface water and Groundwater	Chapter G8, 8.4.11 (Application Reference Number: 6.7.8)	Reduction in water quality and changes to fluvial geomorphology.	During construction, Horizon will maintain, as far as practicable, 15m vegetated buffer strips either side of main rivers and ordinary watercourses, apart from Afon Alaw which will have an 8m buffer strip as agreed with Natural Resources Wales. Buffer strips will not be practicable where structures are required, such as culverts, outfalls and the viaduct over the Afon Alaw and Afon Llywenan in section 3. The vegetated buffers will reduce the potential for fine sediment and pollutants to enter the watercourses and mitigate effects on water quality and fluvial geomorphology on-site and downstream	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0849	Surface water and Groundwater	Chapter G8, 8.4.11 (Application Reference Number: 6.7.8)	Reduction in water availability or quality at private water supply at Erw Goch.	Horizon will undertake a pre-construction monitoring survey at the private water supply at Erw Goch and continue to monitor on a monthly basis throughout the duration of construction at section 3. If a change in the availability or quality of the water supply is identified, Horizon will put in place measures to reinstate the private water supply to the quality and availability of pre-construction levels.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 10	Additional
~~0855~~	~~Surface water and Groundwater~~	~~Chapter G8, table G8-8 (Application Reference Number: 6.7.8)~~	~~Reduction in water availability or quality at private water supply at Erw Goch.~~	Superseded by 849 ~~Horizon will undertake a pre-construction monitoring survey at the private water supply at Erw Goch and continue to monitor on a monthly basis throughout the duration of construction at section 3. If a change in the availability or quality of the water supply is identified, Horizon will put in place measures to reinstate the private water supply to the quality and availability of pre-construction levels.~~	~~Construction~~	~~A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 10~~	~~Additional~~

0856	Surface water and Groundwater	Chapter G8, table G8-8 (Application Reference Number: 6.7.8)	Reduction in water availability or quality at private water supply at Erw Goch.	Horizon will undertake a pre-construction monitoring survey at the private water supply at Erw Goch and continue to monitor on a monthly basis throughout the duration of construction at section 3. If a change in the availability or quality of the water supply is identified, Horizon will put in place measures to reinstate the private water supply to the quality and availability of pre-construction levels.	Operation	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3)	Additional
0850	Surface water and Groundwater	Chapter G8, 8.4.11 (Application Reference Number: 6.7.8)	Adverse effects on flow regime of field drainage systems.	Horizon will undertake pre-construction drainage surveys to identify the existing field drainage and therefore identify any potential for the construction work to impact upon that drainage. In doing so, Horizon will identify possible mitigation measures that could be put in place if required, to reduce the risk of damage or disturbance to these drainage systems.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0851	Surface water and Groundwater	Chapter G8, 8.4.11 (Application Reference Number: 6.7.8)	Adverse effects on flow regime of field drainage systems.	Repairing and reinstatement of drains affected by construction will be agreed with the landowner/occupier to ensure that drainage capability is maintained and the risk of flooding is not exacerbated.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3)	Good practice
0852	Surface water and Groundwater	Chapter G8, 8.4.13 (Application Reference Number: 6.7.8)	Adverse effects on water quality or flows of surface and groundwater bodies.	Good practice mitigation during construction would include following guidance on pollution control and relevant Construction Industry Research and Information Association (CIRIA) guidance on good construction practice: • Environmental Handbook for Building and Civil Engineering Projects (3 Parts) (C512, C528, C529) [RD9] [RD10] [RD11]; • Control of water pollution from construction sites. Guidance for consultants and contractors (C532) [RD12]; • Environmental good practice on site guide (fourth edition) (C741) [RD13]; • Land use management effects on flood flows and sediment - guidance on prediction (C719D) [RD14]; • The SuDS Manual (C753) [RD15]; • Development and flood risk – guidance for the construction industry (C624) [RD16]; and • Culvert Design and Operating Guide (C689) [RD17].	Operation	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
0853	Surface water and Groundwater	Chapter G8, table G8-8 (Application Reference Number: 6.7.8)	Adverse effect on flood depth at a residential property (unnamed).	Further design to address the impact to flood flow paths from the A5025 viaduct and embankments at section 3 would be progressed and mitigation upstream of the viaduct in the form of minor ground re-profiling would be used to manage the flood waters associated with the A5025 Off-line Highway Improvements without increasing flood risk elsewhere.	Construction	Design and Access Statement Volume 3 – Associated Developments and Off-Site Power Station Facilities (Application Reference Number: 8.2.3)	Additional

0854	Surface water and Groundwater	Chapter G8, table G8-8 (Application Reference Number: 6.7.8)	Minimise damage to channel bed and river morphology of the Afon Cafnan.	A natural bedrock cascade is present immediately downstream of the road crossing to Pen-yr-orsedd on the Afon Cafnan. There is a risk that construction of a culvert within the riverbed, which will require removal of a section of this cascade, could result in further damage to the in-river cascade features that do not require removal. Horizon will follow the protective measures outlined in the A5025 Off-line Improvements sub-CoCP (Application Reference Number: 8.12) to reduce the extent of the area that is likely to be damaged, including an appropriate working corridor.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 10	Additional
Volume G, Terrestrial and Freshwater Ecology							
0857	Terrestrial and Freshwater Ecology	Chapter G9, 9.4.5 (Application Reference Number: 6.7.9)	Severance/fragmentation for mammals.	The detailed design for watercourse culverts will incorporate either mammal ledges or secondary mammal access pipes.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0858	Terrestrial and Freshwater Ecology	Chapter G9, 9.4.5 (Application Reference Number: 6.7.9)	Habitat loss and severance/fragmentation.	The development of a landscape planting strategy to visually screen and contain roadside features, improve landscape integration and reinstate field boundaries using hard and soft landscaping, wherever practicable.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0859	Terrestrial and Freshwater Ecology	Chapter G9, 9.4.5 (Application Reference Number: 6.7.9)	Habitat loss and severance/fragmentation.	Existing features such as walls and hedgerows along the existing A5025 and minor roads at junctions will be retained where possible, and not constrained by highway safety.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0860	Terrestrial and Freshwater Ecology	Chapter G9, 9.4.7 (Application Reference Number: 6.7.9)	Disturbance to breeding birds and contravention of legislation.	Specific work tasks would be timed appropriately to avoid ecological impacts including avoidance of vegetation clearance in the bird breeding season (March to August, inclusive), unless supervised by an Ecological Clerk of Works.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice

0861	Terrestrial and Freshwater Ecology	Chapter G9, 9.4.7 (Application Reference Number: 6.7.9)	Contravention of legislation, disturbance, habitat loss, severance.	An Ecological Clerk of Works would be present on site throughout the construction period and would oversee and supervise all aspects of the construction work to mitigate any potential detriment to the ecological receptors present.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0862	Terrestrial and Freshwater Ecology	Chapter G9, 9.4.7 (Application Reference Number: 6.7.9)	Contravention of legislation. Provision of enhancement in accordance with Environment (Wales) Act 2016.	The proposed strategies set out in the A5025 Off-line Highway Improvements Protected and Legally Controlled Species Report (appendix G9-10, Application Reference Number: 6.7.31) and A5025 Draft Great Crested Newt Mitigation Licence (appendix G9-11, Application Reference Number: 6.7.32) would ensure no contravention of relevant legislation occurs.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0863	Terrestrial and Freshwater Ecology	Chapter G9, 9.4.7 (Application Reference Number: 6.7.9)	Severance/disturbance to mammals of fish.	Standard construction lighting protocols would be used to limit light spill of any night-time artificial lighting, as detailed in the document BS EN 12464-2:2014 Light and lighting – Lighting of work places. Part 2: Outdoor work place [RD39] and recommendations provided by the Institute of Lighting Engineers' Guidance Notes for the Reduction of Obtrusive Light GN01:2011. [RD40].	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 4	Good practice
0864	Terrestrial and Freshwater Ecology	Chapter G9, 9.4.7 (Application Reference Number: 6.7.9)	Habitat loss.	In order to avoid/reduce the effects of local compaction of ground within the root protection zones of retained trees and hedgerows, or other accidental damage, appropriate tree protection measures would be implemented in accordance with BS 5837:2012 Trees in relation to design, demolition and construction – Recommendations [RD28] and additional arboricultural advice.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0865	Terrestrial and Freshwater Ecology	Chapter G9, 9.4.7 (Application Reference Number: 6.7.9)	Severance/fragmentation for mammals.	Horizon will maintain an 8m buffer zone adjacent to the Afon Alaw and a 15m buffer zone for all other watercourses, where the banks would be kept free of construction equipment to allow passage of otter.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
0866	Terrestrial and Freshwater Ecology	Chapter G9, 9.4.9 (Application Reference Number: 6.7.9)	Severance/fragmentation for mammals.	The detailed design for watercourse culverts will incorporate either mammal ledges or secondary mammal access pipes.	Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded

0867	Terrestrial and Freshwater Ecology	Chapter G9, 9.4.9 (Application Reference Number: 6.7.9)	Changes in water quality affecting downstream receptors.	The drainage design (see chapters G1 (Application Reference Number: 6.7.1) and G8 (Application Reference Number: 6.7.8)) collects the rainwater runoff from the paved areas and attenuates it prior to discharge.	Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0868	Terrestrial and Freshwater Ecology	Chapter G9, 9.6.5 Application Reference Number: 6.7.9)	Habitat loss and severance affecting GCN at Llanfachraeth.	Approximately 3.5ha of additional land has been acquired around pond 10 and ditch 25, as shown on figures G1-4d and G1-4e (Application Reference Number: 6.7.48), to mitigate for the habitat lost. This additional land would be enhanced, by the creation of a pond, planting, creating log piles and implementing an appropriate management regime, using the advice and guidelines set out in the Great Crested Newt Conservation Handbook [RD41] (see Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Application Reference Number: 8.2.3)).	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3) DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Additional
0869	Terrestrial and Freshwater Ecology	Chapter G9, 9.6.10 (Application Reference Number: 6.7.9)	Habitat loss affecting GCN at Llanfaethlu.	At Llanfaethlu, a new pond and terrestrial habitat will be created (the total area of habitat created will be approximately 1.8 ha). The new pond, as shown on figure G1-4f (Application Reference Number: 6.7.48), would be created with marginal planting, to provide an alternative breeding location which would support the maintenance of the population of GCN in this locality. The design of this pond would also use the advice and guidelines set out in the Great Crested Newt Conservation Handbook [RD41].	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Additional
0870	Terrestrial and Freshwater Ecology	Chapter G9, 9.6.13 Application Reference Number: 6.7.9)	Loss of bat roosting features at Cefn Coch.	Prior to felling these trees, bat boxes would be provided on the retained trees within this section to mitigate for the loss of potential roost features. A minimum of three bat boxes would be provided for every ‘high’ or ‘moderate’ category tree to be lost. Boxes would cover a range of designs including maternity boxes, hibernation boxes and boxes designed for crevice- dwelling species.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional

0871	Terrestrial and Freshwater Ecology	Chapter G9, 9.7.6 Application Reference Number: 6.7.9)	Contravention of legislation. Provision of enhancement in accordance Environment (Wales) Act 2016.	As shown on figure G10-9 (Application Reference Number: 6.7.41), the area to the north-west of the new alignment would be enhanced for biodiversity gain. The species/groups that this would benefit include water vole, GCN, birds and invertebrates. A new ditch would be created through the area using the advice and guidelines set out within publications such as Creating Ponds for Water Voles [RD42]. The new ditch would be profiled in such a way as to enable marginal planting at the ditch edge, shrub planting within 1m to 2m of water's edge (but avoiding shading) and the provision of GCN refugia/hibernacula. The total proposed enhancement area at Valley will be approximately 2.0 ha.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3) A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev 3), Chapter 11 and DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4),	Additional
0872	Terrestrial and Freshwater Ecology	Chapter G9, 9.7.7 Application Reference Number: 6.7.9)	Contravention of legislation. Provision of enhancement in accordance Environment (Wales) Act 2016.	As shown on figure G10-9 (Application Reference Number: 6.7.41), the area between the Afon Alaw and its southern side channel where the new viaduct crosses it would be enhanced for biodiversity gain. The habitat would be enhanced to open up and diversify the marginal habitat. Shrubs and wet woodland species would be included with the planting and further channels or ponds would be created [RD42] to increase opportunity for water vole. GCN refugia/hibernacula would also be created within these areas in accordance with the advice set out in the Great Crested Newt Conservation Handbook [RD41]. The total proposed enhancement area at Llanfachraeth will be approximately 0.5ha.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3) A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev 3), Chapter 11 and DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4),	Additional
0873	Terrestrial and Freshwater Ecology	Chapter G9, 9.5.4 Application Reference Number: 6.7.9)	Habitat loss as a result of dust emissions	Dust emissions during construction would be avoided through the implementation of good practice mitigation, such as dampening down haul routes and covering stock piles, as set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7 A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 7	Good practice

0874	Terrestrial and Freshwater Ecology	Chapter G9, 9.5.6 Application Reference Number: 6.7.9)	Pollution of watercourses.	The embedded and good practice mitigation measures are set out in the relevant sections of the Wylfa Newydd CoCP (Deadline 5, Rev 3) and A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10 and A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 10	Embedded Good practice
0875	Terrestrial and Freshwater Ecology	Chapter G9, 9.5.8 Application Reference Number: 6.7.9)	Pollution of watercourses.	The drainage design described in chapter G1 (Application Reference Number: 6.7.1) and Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3) and the embedded and good practice mitigation measures set out in the Wylfa Newydd CoOP (Application Reference Number: 8.13) are designed to avoid pollution of watercourses.	Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded Good practice
0876	Terrestrial and Freshwater Ecology	Chapter G9, 9.5.16, 9.5.62, 9.5.80, 9.5.81, 9.5.95 (Application Reference Number: 6.7.9)	Disturbance to species as a result of noise and vibration.	The good practice measures set out in the A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3) and the Wylfa Newydd CoCP (Deadline 5, Rev 3) designed to reduce noise during construction for human receptors are considered to be sufficient to avoid any effects on the ecological receptors using the area.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 8 and Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0877	Terrestrial and Freshwater Ecology	Chapter G9, 9.5.20 Application Reference Number: 6.7.9)	Disturbance to species as a result of lighting.	The good practice measures set out in the Wylfa Newydd CoOP (Deadline 5, Rev 3) designed to reduce light spill onto adjacent areas are considered to be sufficient to avoid any effects on the ecological receptors using the area.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 4	Good practice
0878	Terrestrial and Freshwater Ecology	Chapter G9, 9.5.37 Application Reference Number: 6.7.9)	Habitat loss within ditches affecting fish.	The embedded and good practice mitigation set out in Wylfa Newydd CoCP and A5025 Off-line Highway Improvements sub-CoCP ~~chapter G8 (Application Reference Number: 6.7.8)~~ reduces the amount of in-channel working, and the use of good practice when designing and constructing the culverts would allow passage and mimic natural habitat with reinstatement of the bank and bed features.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11, A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 11	Embedded Good practice

0879	Terrestrial and Freshwater Ecology	Chapter G9, 9.5.43 Application Reference Number: 6.7.9)	Disturbance to otter.	The embedded and good practice mitigation measures set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and the A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3) would also reduce or avoid any changes in noise and vibration affecting otter during construction.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 8 and Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8	Embedded Good practice
0880	Terrestrial and Freshwater Ecology	Chapter G9, 9.5.44 Application Reference	Disturbance to water vole.	Buffer zones and general good practice mitigation (such as the commitments to reduce noise.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11, A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 11	Embedded
0881	Terrestrial and Freshwater Ecology	Chapter G9, 9.5.64, 9.5.83, 9.5.97 (Application Reference Number: 6.7.9)	Disturbance to species as a result of traffic noise and vibration.	A number of embedded measures to reduce effects of noise on human receptors as described in the Wylfa Newydd CoOP (Deadline 5, Rev 3) would also reduce effects on ecological receptors.	Operation	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 11	Embedded
1128	Terrestrial and Freshwater Ecology	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Monitoring for Great Crested Newts	For Great Crested Newts, monitoring will comprise annual HSI surveys for 21 years following translocation. Two torch counts will be undertaken during the appropriate season annually for 10 years following translocation, then every other year for the next 11 years, making it 21 years of monitoring in total	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
1228	Terrestrial and Freshwater Ecology	Response to FWQs/WRs/LIRs	Protection of Bats	Protected species licencing requirements are secured through the provisions of the Wylfa Newydd CoCP. Post-construction monitoring would be undertaken as part of any bat mitigation licence requirement, should such a licence be needed.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional

1229	Terrestrial and Freshwater Ecology	Clarification Response to FWQs/WRs/LIRs	Pre-construction surveys	Pre-construction surveys will be carried out under the supervision of ECoW. Dependent on the results of those surveys, one or more of the following three approaches will be employed which are in line with relevant good practice guidance: • active trapping and translocation of individuals (likely to be employed in areas of high quality reptile habitat, and known hotspots for reptiles); • destructive search of habitats by an ECoW (likely to occur in complex habitats such as drystone walls and cloddiau, and in high quality reptile habitat); or • supervision of habitat clearance by an ECoW.	Pre-construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
Volume G, Landscape and Visual							
0882	Landscape and Visual	Chapter G10, table G10-9 (Application Reference Number: 6.7.10) Vol G, App 10-3, tables G10-3.1 to G10-3.3 (Application Reference Number: 6.7.35) Vol G, App 10-4, tables G10-4.1 to G10-4.5 (Application Reference Number: 6.7.36)	Reduce adverse landscape and visual effects.	Planting to be established as close to the completion of highway works as possible, in the next available planting/seeding season to reduce the amount of time bare earth is visible and enable establishment of vegetation.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional

0883	Landscape and Visual	Chapter G10, table G10-9 (Application Reference Number: 6.7.10) Vol G, App 10-3, table G10-3.1 (Application Reference Number: 6.7.35) Vol G, App 10-4, tables G10-4.1 to G10-4.5 (Application Reference Number: 6.7.36)	Reduce adverse visual effects and adverse effects on the tranquillity of the AONB.	Light spill during temporary construction activities would be limited, due to the need to maintain safe working conditions. Horizon would use measures such as restricting heights of lighting columns and using directional or down lighting where practicable.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional
0884	Landscape and Visual	Chapter G10, table G10-9 (Application Reference Number: 6.7.10) Vol G, App 10-3, tables G10-3.1 to G10-3.3 (Application Reference Number: 6.7.35) Vol G, App 10-4, tables G10-4.1 to G10-4.5 (Application Reference Number: 6.7.36)	Reduce adverse landscape character and visual effects.	The appearance of the Construction Compound fences (such as hoarding) and temporary structures would seek to mitigate the visual impact of those structures on the surrounding areas through the selection of visually recessive colours and types, whilst still maintaining a safe and secure barrier.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional

0885	Landscape and Visual	Chapter G10, table G10-10 (Application Reference Number: 6.7.10) Vol G, App 10-3, tables G10-3.1 to G10-3.3 (Application Reference Number: 6.7.35) Vol G, App 10-4, tables G10-4.1 to G10-4.5 (Application Reference Number: 6.7.36) Response to FWQs/WRs/ IACC's LIR	Landscape Management	Landscape planting is to be established as close to the completion of the highways works in each section as possible, in the next available planting season, to reduce the amount of time bare earth is visible. A landscape management strategy would be implemented for a period of five ~~three~~ years, following the completion of the works, to ensure successful establishment of proposed landscaping and long-term viability of planting. In the event that these inspections identify that planting has not established, replacement planting on a like for like basis would be undertaken at the first available planting season. The following landscape management techniques will be used as appropriate: -grassland – grass cutting, weed control and litter collection; -trees and shrub blocks – coppicing, pruning, thinning, felling, treatment of arisings, weed control and inspections/removal of tree stakes and shelters; -hedgerows – pruning, hedge cutting, weed control, treatment of arisings, replant gaps, accommodate, trees when cutting and inspection/removal of tree stakes; -individual trees – pruning, weed control and inspection/removal of tree stakes; and -water feature planting – weed control.	Pre-operation ~~Operation~~	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
0886	Landscape and Visual	Chapter G10, table G10-10 (Application Reference Number: 6.7.10) Vol G, App 10-4, tables G10-4.1 to G10-4.5 (Application Reference Number: 6.7.36)	Reduce adverse landscape character and visual effects.	The colour of the noise barrier would be selected to reduce visual effects.	Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Additional

0887	Landscape and Visual	Chapter G10, table G10-10 (Application Reference Number: 6.7.10) Vol G, App 10-4, tables G10-4.1 to G10-4.5 (Application Reference Number: 6.7.36)	Reduce adverse visual effects and adverse effects on the tranquillity of the Isle of Anglesey AONB.	Permanent operational lighting would be designed to control light spill, within safe levels for road users.	Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Additional
0888	Landscape and Visual	Chapter G10, 10.4.4 (Application Reference Number: 6.7.10)	Loss of ancient woodland.	The alignment of section 7 of the A5025 Off-line Highway Improvements has been designed to avoid Ancient Woodland.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0889	Landscape and Visual	Chapter G10, 10.4.4 (Application Reference Number: 6.7.10)	Visual impact on Anglesey AONB.	The alignment of section 5 of the A5025 Off-line Highway Improvements has been designed to avoid Anglesey AONB.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded

0900	Landscape and Visual	Chapter G10, 10.4.7 (Application Reference Number: 6.7.10)	Impacts on visual amenity for users of local PRoW, roads and community facilities, and residential properties.	• Slackening of earthwork slopes at Llanfaethlu off-line section to reduce adverse effects on views from adjacent residential properties. • Slackening of earthwork slopes to the south of the viaduct at section 3 to reduce adverse effects on landscape character and views from adjacent residential properties and the AONB, wherever practicable against existing land constraints. • Planting and seeding along the off-line sections to visually screen and contain roadside features and reduce adverse effects on landscape character and views, where appropriate. In appropriate locations, planting of hedgerow boundaries using hard and soft landscaping to reflect hedgerows in the area. Hedgerows are likely to take five to ten years to establish, whereas tree and shrub blocks would take 15 years to establish. • Environmentally sensitive attenuation pond design to integrate the features into the surrounding landscape. • Planting around attenuation ponds to help integrate them into the surrounding landscape. • Softening of the shapes of attenuation ponds where physical constraints allow to help integrate the features into the surrounding landscape. This includes pond B at Llanfaethlu and ponds A and C at Cefn Coch. • Lighting only proposed at the new roundabout at Valley and for a 105m length of road adjacent to the roundabout to reduce adverse effects on night-time views and the tranquillity of the AONB. • Formal planting along the existing A5 route at Valley, to improve the sense of arrival into the village. • Use of boundary treatments in keeping with the local vernacular, for example stone walls at Llanfaethlu	Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0901	Landscape and Visual	Chapter G10, 10.4.5 (Application Reference Number: 6.7.10)	Potential visual effect. Potential adverse effect on topsoil quality.	The height of temporary topsoil storage mounds would be restricted to 2m to reduce the potential visual effect and reduce the potential adverse effect on topsoil quality and the suitability for re-use and managed in accordance with the A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3).	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 4	Good practice
0902	Landscape and Visual	Chapter G10, 10.4.5 (Application Reference Number: 6.7.10)	Protection of existing trees, scrub and hedgerows.	Horizon will identify ~~Protection of~~ existing trees, scrub and hedgerows to be retained and protection of those features will be in accordance with the recommendations in BS 5837:2012 [RD38]. Works within tree root protection areas will be avoided wherever practicable. If works within the root protection area of trees to be retained are deemed essential, works will be carried out using the techniques provided in BS 5837:2012 and the duration of those works will be restricted as far as possible.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice

1230	Landscape and Visual	Response to FWQs/WRs/LIRs	Lighting for Power Station Roundabout	Lighting will only be proposed at the new roundabout at Valley; for a 105m length of road adjacent to the new roundabout at Valley; and at the new roundabout at the Power Station Access Road. Limited lighting at these locations would reduce adverse effects on night-time views and the tranquillity of the AONB	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Additional
1231	Landscape and Visual	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Lighting controls	Lighting around the construction compound buildings will be switched to a motion activated control system (motion sensors) at 18:00, except lighting required for security measures. A two-metre-high construction compound solid fence will further mitigate night time light trespass once it has been constructed.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional
1232	Landscape and Visual	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Lighting controls	Any localised task lighting that is employed pursuant to this provision will be switched off once the relevant construction works for which the localised task lighting is required has ceased for that day in accordance with the working hours.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional
1233	Landscape and Visual	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Lighting controls	Construction vehicles, when working during the darker months in the vicinity of residential properties, shall dip their headlights to limit light spill and glare into residential properties, where reasonably practicable and providing this aligns with safe methods of working	Construction	A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional
1234	Landscape and Visual	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Construction Lighting Scheme	Horizon will submit for approval a Construction Lighting Scheme for the A5025 Off-line Highway Improvements. The scheme will be prepared in accordance with the principles set out the Wylfa Newydd CoCP and the relevant sub-CoCP. The scheme will comprise general exterior area lighting, security and carpark lighting, and include details such as: • Lighting design; including location, height and tilt of proposed lighting • Lighting controls, to enable variable lighting; • Illuminance levels by area (average and uniformity); • Plans displaying spill light contour lines on Ordnance Survey mapping, highlighting: • light spill over construction boundaries; and • key sensitive receptors with vertical grid lux plots at agreed locations; • Monitoring mechanisms to ensure compliance	Pre-construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 4, A5025 Off-line Highway Improvements sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional

1235	Landscape and Visual	Clarification	Avoiding the AONB	With the exception of construction works to tie in the Offline highway within the lay-by on the existing A5025 east of Llanfaethlu , which would result in the loss of a small group of trees and grass verge area within Anglesey AONB, the alignment of Section 5 of the A5025 Off-line Highway Improvements -will be designed to avoid the AONB	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Additional
Volume G, Cultural Heritage							
0903	Cultural Heritage	Chapter G11, 11.4.7 (Application Reference Number: 6.7.11)	Effects on the setting of heritage assets	Heritage assets were considered during route optioneering and the design of the preferred route option in order to reduce impacts on setting, for example through the reduction of embankment slopes near Capel Soar Standing Stone (Asset 146)	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Application Reference Number: 8.2.3)	Embedded
0904	Cultural Heritage	Chapter G11, 11.4.7 (Application Reference Number: 6.7.11)	Effects on the setting of heritage assets	Internal layout of the Temporary Construction Compounds to reduce noise intrusion into the setting of heritage assets will include consideration of fencing materials and stockpile and portacabin positioning	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 12	Embedded
0905	Cultural Heritage	Chapter G11, 11.4.11 (Application Reference Number: 6.7.11)	Effects on the setting Capel Soar Standing Stone Scheduled Monument (Asset 146; high value), Siop Soar Listed Building (Asset 149; medium value) and the Black Lion Inn Listed Building (Asset 150; medium value) at Llanfaethlu	Slackening of earthworks slopes at the Llanfaethlu off-line section to reduce adverse effects on views from adjacent residential properties and to provide integration with the surrounding landform and reduce impacts on the setting of Capel Soar Standing Stone Scheduled Monument (Asset 146; high value), Siop Soar Listed Building (Asset 149; medium value) and the Black Lion Inn Listed Building (Asset 150; medium value) at Llanfaethlu, wherever practicable against existing land constraints.	Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded

0906	Cultural Heritage	Chapter G11, 11.4.11 (Application Reference Number: 6.7.11)	Effects on the setting of heritage assets	Where stone walls and cloddiau require removal as part of construction, their loss would be mitigated by re-building them using original materials where practicable in order to maintain historic field pattern	Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0907	Cultural Heritage	Chapter G11, 11.4.11 (Application Reference Number: 6.7.11)	Effects on the setting of Capel Soar Standing Stone Scheduled Monument (Asset 146)	Shrub planting on embankment slopes to soften their appearance at Capel Soar to reduce visual intrusion on the setting of Capel Soar Standing Stone Scheduled Monument (Asset 146)	Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
0908	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Partial removal of A5 Historic Route, Valley (Asset 5).	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0909	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Two Buildings (Site of), west of Cleifiog-Isaf (Asset 6).	Horizon will ~~produce an archaeological mitigation strategy~~ agree through a WSI agreed with the IACC to undertake a series of mitigation works which could potentially include a targeted archaeological watching brief, targeted excavation and targeted strip, map and sampling.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0910	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Partial removal of Route of Post Road/18th Century Turnpike Road (Asset 322).	Horizon will ~~produce an archaeological mitigation strategy~~ agree through a WSI agreed with the IACC to undertake a series of mitigation works which could potentially include a targeted archaeological watching brief, targeted excavation and targeted strip, map and sampling.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0911	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of North-east / south-west Former Field Boundary, Valley (Asset 361).	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional

0912	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of North-west / south-east Former Field Boundary, Valley (Asset 362).	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0913	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Gully (Site of), north-west of Pen-caledog (Asset 427).	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0914	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Field Clearance or Possible Demolished Building, north of Ty'n-ffynnon (Asset 42).	Horizon will ~~produce an archaeological mitigation strategy~~ agree through a WSI agreed with the IACC to undertake a series of mitigation works which could potentially include a targeted archaeological watching brief, targeted excavation and targeted strip, map and sampling.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0915	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Building (Site of), south of Erw- goch (Asset 43).	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0916	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Building, south-east of Pandy Erw-goch (Asset 53).	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0917	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Geophysical Anomaly, Bedo (Asset 350).	Horizon will ~~produce an archaeological mitigation strategy~~ agree through a WSI agreed with the IACC to undertake a series of mitigation works which could potentially include a targeted archaeological watching brief, targeted excavation and targeted strip, map and sampling.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional

0918	Cultural Heritage	Chapter G11, table G11-8 (Application Reference Number: 6.7.11) and appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Two Burnt Mounds, Llanfachraeth (Asset 351).	Archaeological excavation and targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0919	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Partial removal of Possible Mill Feature, Melin Bodronyn (Asset 357).	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0920	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Field System, Erw- goch (Asset 358).	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0921	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Former Field System, Fron-deg (Asset 359).	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0922	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Ditched boundary and Furrow (Site of), east of St Machraeth's Church (Asset 414).	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0923	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Ditches and Hedgerow Features, west of Llanfachraeth (Asset 417).	Archaeological Excavation.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional

0924	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Possible Standing Stone Socket, north of Bedo (Asset 418).	Archaeological Excavation.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0925	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Hedgerow (Site of), south of Bedo (Asset 419).	Archaeological Excavation.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0926	Cultural Heritage	Chapter G11, table G11-8 (Application Reference Number: 6.7.11) and appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Fire Pit, Former Hedgerows and Posthole, south of Erw-goch (Asset 421)	Targeted watching brief	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0927	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Pit and Curvilinear Feature, south of Erw-Goch (Asset 425).	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0928	Cultural Heritage	Chapter G11, table G11-8 (Application Reference Number: 6.7.11) and appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Llanfachraeth Burnt Mound 2 (Asset 432).	Archaeological Excavation.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional

0929	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Parallel Linear Features, north of Llanfachraeth (Asset 435).	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0930	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Former Field Boundary, south of Erw-goch (Asset 437).	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0931	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Possible Archaeological Anomaly, Llanfachraeth (Asset 438).	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0932	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Water Management Feature (Asset 443).	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0933	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Forking Trackway (Site of), Capel Soar (Asset 152)	Horizon will ~~produce an archaeological mitigation strategy~~ agree through a WSI agreed with the IACC to undertake a series of mitigation works which could potentially include a targeted archaeological watching brief, targeted excavation and targeted strip, map and sampling.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0934	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Noise and visual intrusion in the setting of Disused Lime Kiln, north-west of Black Lion Inn (Asset 153).	Photographic survey to document current setting.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional

0935	Cultural Heritage	Chapter G11, 11.6.4 and table G11-7 (Application Reference Number: 6.7.11) and appendix G11-5 (Application Reference Number: 6.7.46)	Avoidance of accidental damage to Disused Lime Kiln, north-west of Black Lion Inn (Asset 153) during construction	Installation of suitable exclusion fencing before construction commences in the areas adjacent to the asset.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0936	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Partial removal of House (Site of), south of Fadog Frech (Asset 156)	Horizon will ~~produce an archaeological mitigation strategy~~ agree through a WSI agreed with the IACC to undertake a series of mitigation works which could potentially include a targeted archaeological watching brief, targeted excavation and targeted strip, map and sampling.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0937	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Milk Churn Stand, south-west of Fadog Frech (Asset 151)	Photographic survey to document form.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0938	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Linear Bank, south-west of Rhos-ty-mawr (Asset 162)	Strip, map and sample and targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0939	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Partial removal of Possible Field System (Asset 354)	Strip, map and sample.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional

0940	Cultural Heritage	Chapter G11, table G11-8 (Application Reference Number: 6.7.11) and appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Possible Pit Cluster, Llanfaethlu (Asset 360)	Strip, map and sample.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0941	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Possible Gully, Llanfaethlu (Asset 371)	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0942	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Undated Parallel Features (Asset 408)	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0943	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Undated Post Holes (Asset 409)	Strip, map and sample.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0944	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Fadog Frech Possible Stock Management/Settlement Features (Asset 410)	Horizon will ~~produce an archaeological mitigation strategy~~ agree through a WSI agreed with the IACC to undertake a series of mitigation works which could potentially include a targeted archaeological watching brief, targeted excavation and targeted strip, map and sampling.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional

0945	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of North-east/south-west Former Field Boundaries, Llanfaethlu (Asset 428)	Strip, map and sample.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0946	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of East-west Ditch, south-west of Capel Soar Standing Stone (Asset 431)	Strip, map and sample.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0947	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Possible Undated Pit (Asset 433)	Strip, map and sample.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0948	Cultural Heritage	Chapter G11, table G11-8 (Application Reference Number: 6.7.11) and appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Llanfaethlu Multiperiod Activity (Asset 440)	Strip, map and sample.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0949	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Undated Linear Feature (Asset 441)	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional

0950	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Undated Parallel Linear Features (Asset 442)	Strip, map and sample.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0951	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Partial removal of Undated Linear Feature (Asset 444)	Strip, map and sample.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0952	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Partial removal of Mill Pond and Head Race (Site of), Pandy Cefn Coch (Asset 262)	Photographic survey. ~~Development of an archaeological mitigation strategy which would be developed in consultation with relevant stakeholders, to undertake a series of mitigation works which could potentially include targeted archaeological watching brief, targeted excavation and targeted strip map and sampling.~~	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0953	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Former Road (Asset 356)	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0954	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Partial removal of Possible Mill Feature, Melin Bodronyn (Asset 357)	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0955	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of East-west Former Field Boundary, Tyddyn-Waen (Asset 366)	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional

0956	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of East-west Former Field Boundary, Ty-croes (Asset 368)	Targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0957	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Undated Linear Feature (Asset 444)	Strip, map and sample.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0958	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of elements of Fieldscape, Central Eastern Mon (HLT 1)	Landscape photographic survey, Level 2 Historic Landscape survey of field boundaries	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0959	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of elements of Cemlyn Coastal Strip (HLT 2)	Landscape photographic survey, Level 2 Historic Landscape survey of field boundaries	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0960	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of elements of Fieldscape, North-west Mon (HLT 3)	Landscape photographic survey, Level 2 Landscape Survey of field boundaries	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
0961	Cultural Heritage	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of elements of Llanfachraeth (HLT 4)	Landscape photographic survey, Level 2 Historic Landscape survey of boundaries	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 12	Additional
Health Impact Assessment (HIA)							

0962	Health	Health Impact Assessment	Allow residents of, and visitors to, Tregele to more safely access the proposed new alignment of the Wales Coast Path and onward Public Right of Way to Cemaes.	Horizon will ensure safe pedestrian access is provided to Tregele to access the proposed new alignment of the Wales Coast Path and onward Public Right of Way to Cemaes.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 6	Embedded
0963	Health	Health Impact Assessment - Rapid HIA Screening- A5025 Off- line Highway Improvement s	Effects on use of PRoW.	At appropriate connecting locations the Off-line Highway Improvements will ensure connectivity for existing pedestrian footway and cycle routes.	Construction	A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 6	Embedded
0964	Health	Health Impact Assessment - Rapid HIA Screening- A5025 Off- line Highway Improvement s	Effects on neighbourliness.	Horizon will provide notification in advance of (and during) the construction works to indicate expected delay locations and durations to traffic. Notification will be in Welsh and English, for example, notification measures may include: - roadside signs on the approaches to the affected areas of the A5025; - a regularly updated Project website detailing how the A5025 Off-line Highway Improvements are progressing together with the potential disruption along the route; and - leaflets sent to specifically affected local communities or distributed as part of community liaison meetings.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 3, A5025 Off-line Highway improvements sub-CoCP (Deadline 5, Rev3), Chapter 3, 6	Embedded
Equality Impact Assessment (EQIA)							
1065	EqIA	Equality Impact Assessment, 7.2.3	Noise and Air Quality	The A5025 Off-line Highway Improvements are embedded mitigation and would become operational during construction of the Power Station. These improvements would move sections of the A5025 away from (i.e. bypass) the villages of Cefn Coch, Llanfaethlu and Llanfachraeth. As a result, there would be reductions in noise and concentrations of air quality pollutants at residential properties and other sensitive receptors the close to the existing A5025 alignment in the bypassed villages.	Construction	Phasing Strategy (Deadline 5, Rev 3)	Embedded
1100	EqIA	Equality Impact Assessment, 7.4.2	Traffic, transport access	A delivery window would run from 07:00 to 19:00, Monday to Friday, with restrictions during school start and end times in advance of the A5025 Off-line Highway Improvements being operational in order to minimise the impacts of HGV and bus traffic on existing flows and on children and parents travelling to and from schools along the A5025 corridor.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Good practice

Table 1-6 Logistics Centre

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(1) Item	(2) Topic	(3) Source	(4) Issue	(5) Mitigation measure	(6) Trigger	(7) Securing Mechanism	(8) Type of Mitigation
Environmental Impact Assessment (EIA)							
Volume H, Socio-economics							
0965	Socio-economics	Chapter H3, 3.4.6 (Application Reference Number: 6.8.3)	Secure site access and fencing	The site will be secure via the installation of appropriate security measures and practices as outlined in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and Logistics Centre sub-CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 4 ~~and Logistics Centre sub-CoCP (Deadline 5, Rev 3)~~	Good practice
0966	Socio-economics	Chapter H3, 3.4.7 (Application Reference Number: 6.8.3)	Public access	All public accesses, paths and roadways will be maintained in so far as possible during the construction of the Logistics Centre, as outlined in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and Logisitcs Centre sub-CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 6 and Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 6	Good practice
Volume H, Public Access and Recreation							
0968	Public Access and Recreation	Chapter H4, 4.4.5 (Application Reference Number: 6.8.4)	Effect on ease of use and amenity of Lôn Trefignath cycle path during construction of the Logistics Centre.	The design of the new site entrance would accommodate the Lôn Trefignath cycle path and the existing dual use cycleway/footway. Unlike the layout of the existing site entrance, the Lôn Trefignath cycle path and the shared use cycleway/footway crossing would be co-located and clearly demarcated across the site entrance by a zebra crossing.	Construction	Design and Access Statement – Volume 3 – Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3).	Embedded
0969	Public Access and Recreation	Chapter H4, 4.4.7 (Application Reference Number: 6.8.4)	Disruption of access to existing shared use cycleway/footway.	Access for users of the shared use cycleway/footway that runs along the north side of the spine road for Parc Cybi industrial estate and Lôn Trefignath cycle path for cyclists and pedestrians would be maintained throughout construction (subject to a diversion)	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 6	Good practice
0970	Public Access and Recreation	Chapter H4, 4.4.7 (Application Reference Number: 6.8.4)	Effects of construction dust on recreational amenity.	The effects of dust on recreational amenity would be mitigated in accordance with the air quality management strategy.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7 and Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0971	Public Access and Recreation	Chapter H4, 4.4.7 (Application Reference Number: 6.8.4)	Effects of construction noise on recreational amenity	The effects of noise on recreational amenity would be mitigated in accordance with good practice measures during construction.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8 and Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 8	Good practice

0972	Public Access and Recreation	Chapter H4, 4.4.7 (Application Reference Number: 6.8.4)	Traffic related effects of construction of the Logistics Centre on recreational amenity and active travel.	Traffic management would be implemented in accordance with the requirements set out in the traffic and transport management strategy	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5 and Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 5	Good practice
0973	Public Access and Recreation	Chapter H4, 4.4.7 (Application Reference Number: 6.8.4)	Disruption to the ease of use of existing cycleway/footways during construction.	All signage for the shared use cycleway/footway that runs along the north side of the spine road for Parc Cybi industrial estate, removed during demolition of the existing site entrance, would be replaced in a suitable position during the construction and operation of the Logistics Centre in accordance with the requirements of the public access management strategy.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 5	Good practice
0974	Public Access and Recreation	Chapter H4, 4.4.7 (Application Reference Number: 6.8.4)	Traffic related effects of construction of the Logistics Centre on recreational amenity and active travel.	Good practice mitigation regarding the traffic related effects associated with the construction of the Logistics Centre would be implemented. Heavy goods vehicle (HGV) drivers would be briefed on the risk they pose to cyclists and pedestrians who cross the site entrance as they enter and leave the Logistics Centre in accordance with the public access management strategy.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 5 WMS (Deadline 5, Rev 2)	Good practice
0975	Public Access and Recreation	Chapter H4, 4.4.9 (Application Reference Number: 6.8.4)	Effect on ease of use and amenity of Lôn Trefignath cycle path during operation of the Logistics Centre.	The design of the new site entrance would accommodate the Lôn Trefignath cycle path and the existing dual use cycleway/footway. Unlike the layout of the existing site entrance, the Lôn Trefignath cycle path and the shared use cycleway/footway crossing would be co-located and clearly demarcated across the site entrance by a zebra crossing.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 6	Embedded
0976	Public Access and Recreation	Chapter H4, 4.4.11 (Application Reference Number: 6.8.4)	Traffic related effects of operation of the Logistics Centre on recreational amenity and active travel.	Good practice mitigation regarding the traffic related effects associated with the construction of the Logistics Centre would be implemented. Heavy goods vehicle (HGV) drivers would be briefed on the risk they pose to cyclists and pedestrians who cross the site entrance as they enter and leave the Logistics Centre in accordance with the public access management strategy.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 5 WMS (Deadline 5, Rev 2)	Good practice
0977	Public Access and Recreation	Chapter H4, 4.4.14 (Application Reference Number: 6.8.4)	Effects of decommissioning dust on recreational amenity.	The effects of dust on recreational amenity would be mitigated by implementing good practice measures during the removal of buildings and decommissioning of the site.	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice
0978	Public Access and Recreation	Chapter H4, 4.4.14 (Application Reference Number: 6.8.4)	Effects of decommissioning noise on recreational amenity.	The effects of noise on recreational amenity would be mitigated by implementing good practice measures during the removal of buildings and decommissioning of the site.	Decommissioning	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice

Volume H, Air Quality							
0979	Air Quality	Chapter H5, 5.4.11 to 5.4.12 (Application Reference Number 6.8.5)	Reduce dust emissions and the associated effects due to dust deposition.	A combination of construction control measures, management measures and procedures to control the emissions of dust are set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and the Logistics Centre sub-CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7 and Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
0980	Air Quality	Chapter H5, 5.4.11 to 5.4.12 (Application Reference Number 6.8.5)	Montioring of dust deposition rates.	An appropriate monitoring programme would form a key part of the overall dust mitigation and management process. The approach and scope of the air quality monitoring survey including dust deposition monitoring is set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3) and Logistics Centre sub-CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7 and Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 4	Good practice
0981	Air Quality	Chapter H5, 5.4.13 - 5.4.14 (Application Reference Number 6.8.5)	Control of emissions to air from plant and machinery.	Good practice mitigation to reduce emissions of pollutants from plant and machinery is set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 7	Good practice
1236	Air Quality	New mitigation proposed to reach agreement on issues raised in SoCG discussions	On site haul routes	On-site haul routes, or areas regularly traversed by construction plant or vehicles, will be inspected for integrity and any necessary repairs to the surface will be instigated as soon as reasonably practicable.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 7	Additional
Volume H, Noise and Vibration							
0982	Noise and Vibration	Chapter H6, 6.4.6 and 6.4.15 (Application Reference Number: 6.8.6)	Effects of noise and vibration from the construction of the Logistics Centre.	The proposed Logistics Centre would be positioned in a location which is of relatively low sensitivity to noise and vibration. The site boundary of the proposed Logistics Centre would be far away from residential communities.	Construction	Phasing Strategy (Deadline 5, Rev 3)	Embedded
0983	Noise and Vibration	Chapter H6, 6.4.6 (Application Reference Number: 6.8.6)	Effects of noise and vibration from the operation of the Logistics Centre.	HGV traffic flow and direction within the site will be strictly controlled (reducing the need for HGVs to reverse)	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 5	Embedded

0984	Noise and Vibration	Chapter H6, 6.4.8 (Application Reference Number: 6.8.6)	Effects of noise and vibration from the construction of the Logistics Centre.	All construction work will be undertaken in accordance with the following measures which are consistent with the guidance considering generic measures consistent with the guidance in BS 5228-1:2009+A1:2014 [RD1], and BS 5228-2:2009+A1:2014 [RD2], as per the Wylfa Newydd CoCP (Deadline 5, Rev 3). · Prior to the commencement of construction activities, the preferred construction methodology and equipment will be reviewed by Horizon to identify any reasonable opportunities to reduce construction noise and vibration and potential impacts on sensitive receptors. Where reasonable opportunities are identified, Horizon will adopt these as part of its construction methodology. Preference would be given to the selection of electrically powered equipment rather than diesel or petrol-powered. · Preference would be given to fabrication off-site or within purpose-built buildings on site, rather than in the open at work areas. · Heavy plant and equipment will comply with the noise limits outlined in the relevant European Commission Directive 2000/14/EC which is enacted in the Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001 (SI) 2001/1701. All plant and equipment would be maintained on a regular basis to ensure good working order and compliance with these limits. · Heavy plant, equipment and vehicles in intermittent use would be shut down or throttled down to a minimum during waiting periods as far as practicable. · All heavy plant and equipment which are fitted with noise abatement covers, will not be operated with noise abatement covers open or removed, to ensure that the acoustic insulation they are fitted with remains effective. The effectiveness of acoustic insulation and silencers fitted to plant would be monitored and assessed on a monthly basis. Any plant or equipment identified to have defective or underperforming insulation or silencers would be immediately investigated and repaired. · Plant employed for any activity associated with the construction works would be operated in a manner such that noise and vibration emissions would be controlled and limited as far as reasonably practicable. · Vehicles would not wait or queue on the public highway with engines running (unless the engine was required to power the operation of the vehicle e.g. concrete wagon). · All materials will be handled in a manner that would reduce noise.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 5	Good practice
0985	Noise and Vibration	Chapter H6, 6.4.9 (Application Reference Number: 6.8.6)	Effects of noise from the construction of the Logistics Centre.	It should be noted that all works would be made under a prior consent agreement under s61 of the Control of Pollution Act 1974. Monitoring at locations representative of noise-sensitive receptors during construction would be undertaken to ensure noise levels remain within the permitted levels under the s61 approval. The s61 application would set out the thresholds and details of the monitoring programme including monitoring equipment, locations and personnel. The proposed monitoring programme would be developed once the detail of the construction working methods and programme are finalised, but it would involve a combination of short-term spot check measurements and some longer-term monitoring. All monitoring results would be made available to the IACC. Review of these initial results would be undertaken to determine if ongoing monitoring is required, as per the Logistics Centre sub-CoCP (Deadline 5, Rev 3). Actions to be undertaken in the event that monitoring identifies a breach of a threshold, are set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 8 and Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
~~0986~~	~~Noise and Vibration~~	~~Chapter H6, 6.4.15 (Application Reference Number: 6.8.6)~~	~~Effects of noise from the operation of the Logistics Centre.~~	Duplication with #982 ~~The proposed Logistics Centre would be positioned in a location which is of relatively low sensitivity to noise and vibration. The site boundary of the proposed Logistics Centre would be far away from residential communities.~~	~~Construction~~ Operation	~~Phasing Strategy (Deadline 5, Rev 3)~~	~~Embedded~~
0987	Noise and Vibration	Chapter H6, 6.4.15 (Application Reference Number: 6.8.6)	Adverse noise effect from construction traffic travelling to the Wylfa Newydd Development Area.	The Logistics Centre would be a temporary facility from which deliveries to the Power Station Site would be managed to reduce traffic impacts on the local road network.	Construction ~~Operation~~	Phasing Strategy (Deadline 5, Rev 3)	Embedded

0988	Noise and Vibration	Chapter H6, 6.4.15 (Application Reference Number: 6.8.6)	Effects of noise from the operation of the Logistics Centre.	HGV parking bays would be arranged in rows. Allocation of vehicles to rows would be controlled to ensure vehicles can be accessed at their allotted times (reducing need for HGVs to reverse). Vehicles would be dispatched in a controlled fashion to the Wylfa Newydd Development Area.	Construction ~~Operation~~	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3) and Logistics Centre sub-CoCP (Deadline 5, Rev 3)	Embedded
0989	Noise and Vibration	Chapter H6, 6.4.17 (Application Reference Number: 6.8.6)	Effects of noise from the operation of the Logistics Centre.	Good practice mitigation measures during the operation of the Logistics Centre would include the following: · where practicable, HGV engines would be switched off whilst queuing to use the scanner facility; · HGVs would not wait or queue on the public highway with engines running (unless the engine is required to power the operation of the vehicle e.g. concrete wagon); and · the use of horns (i.e. to signal the attention of Logistics Centre staff upon arrival) would not be permitted.	Construction ~~Operation~~	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
0990	Noise and Vibration	Chapter H6, 6.4.18 (Application Reference Number: 6.8.6)	Effects of noise from the operation of the Logistics Centre.	The programme for monitoring operational noise at the Logistics Centre would be established and agreed with the IACC prior to commencement of operation. Monitoring would be undertaken initially on a quarterly basis as a minimum. Review of these initial results would be undertaken to determine if ongoing monitoring is required. Actions to be undertaken in the event that monitoring identifies a breach of a threshold are set out in the Wylfa Newydd CoCP (Deadline 5, Rev 3). Monitoring would include off-site spot check noise surveys at receptors, and some on-site monitoring near particular noise sources at long-term intervals.	Construction ~~Operation~~	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 8	Good practice
1237	Noise and Vibration	Response to FWQs/WRs/LIRs	Working hours	There will be no construction and decommissioning works at the Logistics Centre outside of the following working hours • Monday to Friday: 07:00 to 19:00; and • Saturday: 07:00 to 13:00. No construction works are proposed during the evening and/or night-time periods or during Saturday afternoons, Sundays, Bank Holidays and Public Holidays (which consist of New Year's Day, Good Friday, Easter Monday, Christmas Day and Boxing Day).	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 4	Good practice
Volume H, Soils and Geology							
0991	Soils and Geology	Chapter H7, 7.4.8, (Application Reference Number: 6.8.7)	To reduce potential adverse effects on receptors of contamination as a result of encountering unexpected contamination.	Processes and procedures would be established that clearly set out the method for dealing with any material affected by contamination encountered during construction works.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0992	Soils and Geology	Chapter H7, 7.4.9, (Application Reference Number: 6.8.7)	To reduce potential adverse effects on receptors of contamination as a result of pollution incidents.	Good practice mitigation during construction would include measures such as good equipment maintenance and repair, and containment systems for all fuel storage areas to reduce leaks and spills.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice

0993	Soils and Geology	Chapter H7, 7.4.11, (Application Reference Number: 6.8.7)	To prevent the loss of materials through their potential classification as waste.	The reuse of materials would be managed in accordance with the Definition of Waste: Development Industry Code of Practice [RD7]. This would allow the reuse of excavated materials as far as possible without them being defined as waste.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0994	Soils and Geology	Chapter H7, 7.4.13, (Application Reference Number: 6.8.7)	To prevent the loss of soil resources.	Topsoil and subsoil (where necessary) would be stripped from where construction activities would otherwise affect (e.g. compact or seal) it. This would be undertaken towards the start of the construction works. The topsoil (and subsoil) would then be reused sustainably within the Wylfa Newydd Project or at a suitable third-party receptor site (e.g. via the CL:AIRE Register of Materials).	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0995	Soils and Geology	Chapter H7, 7.4.14, (Application Reference Number: 6.8.7)	To reduce potential adverse effects on soil quality.	Good practice mitigation during construction would follow guidance on soil management such as the Construction Code of Practice for the Sustainable Use of Soils on Construction Sites [RD8]. The measures would include: • appropriate procedures for soil handling, such as stopping works when soil moisture exceeds certain limits; • appropriate segregation of soils, including the segregation of topsoils and subsoils, as well as soils of distinctly different qualities, types or composition; • soils would be stockpiled using methods appropriate to the soil moisture conditions; • the height of topsoil storage mounds would be limited to 2m in order to reduce potential adverse effects on topsoil quality and suitability for reuse; • soil storage mounds would have slopes of one in two (approximately 25˚) or less wherever practicable; and • where soils would be stored for longer than 60 days, stockpiles would be seeded with an appropriate low-maintenance seed mix.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 9	Good practice
0996	Soils and Geology	Chapter H7, 7.4.19, (Application Reference Number: 6.8.7)	To reduce potential adverse effects on receptors of contamination due to pollution incidents.	Pollution prevention strategies would be implemented in accordance with section 11 of the Wylfa Newydd CoOP (Application Reference Number 8.13). These aim to reduce the risk of accidental leaks and spills occurring, and any effects on receptors should they occur.	Construction ~~Operation~~	Wylfa Newydd CoOP (Deadline 5, Rev 3), Chapter 10	Good practice
0997	Soils and Geology	Chapter H7, table H7-1, (Application Reference Number: 6.8.7)	To mitigate the potential for unexploded ordnance to affect construction workers during excavations.	Prior to undertaking any works on the Logistics Centre site, Horizon would undertake a non-intrusive magnetometer survey across the Logistics Centre site to further investigate the potential for UXO.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional
0998	Soils and Geology	Chapter H7, table H7-1, (Application Reference Number: 6.8.7)	To mitigate the potential for unexploded ordnance to affect construction workers during excavations.	Horizon would ensure an Explosive Ordnance Disposal engineer is present on site during the shallow intrusive works in the southeast of the site where hardcore is present.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional
Volume H, Surface Water and Groundwater							

0999	Surface Water and Groundwater	Chapter H8, 8.4.9 (Application Reference Number: 6.7.8)	Reduction in water quality of surface waterbodies.	A risk assessment will be undertaken for use of any cementitious materials within 50m of any active watercourse. Appropriate controls, proportionate to the level of risk identified, will be applied to the works.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
1000	Surface Water and Groundwater	Chapter H8, 8.4.9 (Application Reference Number: 6.7.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	All refuelling, oiling and greasing will take place above drip trays or on impermeable surfaces (e.g. plant nappy) with sealed drainage and an oil interceptor, which provides protection to underground strata and watercourses, and away from drains as far as is reasonably practicable. Vehicles and plant will not be left unattended during refuelling. Appropriate spill kits will be easily accessible during these activities. Only construction equipment and vehicles free of oil/fuel leaks which could cause material contamination will be permitted on-site. Drip trays will be placed below static mechanical plant.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
1001	Surface Water and Groundwater	Chapter H8, 8.4.9 (Application Reference Number: 6.7.8)	Reduction in water quality and changes to fluvial geomorphology.	Measures will be taken to prevent the deposition of silt or other material arising from work operations in existing watercourses or catchment areas. The measures will accord with the principles set out in industry guidelines, including NRW's Works and maintenance in or near or water: GPP 5 [RD25]. Measures include use and maintenance of temporary lagoons, tanks, bunds, silt fences or silt screens, as well as consideration of the type of plant used and the time of year for working in watercourses.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
1002	Surface Water and Groundwater	Chapter H8, 8.4.10 (Application Reference Number: 6.7.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	Any temporary storage of over 200 litres of oil in drums and mobile bowsers, as well as ancillary pipe work, valves, filters, sight gauges and equipment require secondary containment, e.g. bunding or drip trays (Water Resources (Control of Pollution) (Oil Storage) (Wales) Regulations 2016). Emergency response procedures would be developed to deal with any spills or leaks of fuels or oils.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
1003	Surface Water and Groundwater	Chapter H8, 8.4.12 (Application Reference Number: 6.7.8)	Increased flood risk and impacts on fluvial geomorphology.	Structures would be designed following industry guidelines including CIRIA, particularly C689 [RD17], Culvert Design and Operating Guide. The size and extent of outfall structures and inverts would be set appropriately at detailed design.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
1004	Surface Water and Groundwater	Chapter H8, 8.4.13 (Application Reference Number: 6.7.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	Horizon would install appropriate drainage onsite prior to main construction to manage run-off. This would include sediment settlement ponds and/or appropriate treatment to manage flows and meet water quality thresholds (Environmental Quality Standards). If required, an application would be made for an Environmental Permit which would set limits on the concentrations of substances which could be discharged to protect the receiving surface water. In addition, the proposed outfall structure may also require an application for an ordinary watercourse consent from the IACC. The need for such applications will be determined after discussions with NRW and the IACC once detailed design is complete.	Pre-construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
1005	Surface Water and Groundwater	Chapter H8, 8.4.18 (Application Reference Number: 6.8.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	All surface runoff would be passed through an oil/water interceptor before passing through a below ground geocellular attenuation tank. The vehicle hardstanding would be constructed using impermeable paving and surface runoff would be routed through a below-ground geocellular storage system. This would be used to attenuate flood events. The maximum discharge will be reduced to the runoff rates set out in [RD43] as detailed in the FCA (appendix H8-1 (Application Reference Number: 6.8.16)).	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded

1006	Surface Water and Groundwater	Chapter H8, 8.4.19 (Application Reference Number: 6.8.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	Surface water drainage from all parking areas where there is a potential of leaks of fuels, oils or other liquids would incorporate attenuation and appropriate pollution treatment	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
1007	Surface Water and Groundwater	Chapter H8, 8.4.19 (Application Reference Number: 6.8.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	Regular inspection, maintenance and management of the oil interceptors and the drainage system would take place.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
1008	Surface Water and Groundwater	Chapter H8, 8.4.19 (Application Reference Number: 6.8.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	There would be regular inspection of the parking area for fuel and oils.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
1009	Surface Water and Groundwater	Chapter H8, 8.4.19 (Application Reference Number: 6.8.8)	Reduction in water quality of surface waterbodies and groundwater bodies.	Spill response and clean-up procedures would be implemented to prevent pollution of watercourses.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
Volume H, Terrestrial and freshwater ecology							
1010	Terrestrial and Freshwater Ecology	Chapter H9, 9.4.5 (Application Reference Number 6.8.9)	Potential adverse effects resulting from habitat fragmentation.	The design of the Logistics Centre would retain as many existing features as practicable e.g. hedgerows; boundary features and exposed rock. Existing hedgerows and the stone wall to the south to be retained and enhanced where practicable.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
1011	Terrestrial and Freshwater Ecology	Chapter H9, 9.4.5 (Application Reference Number 6.8.9)	Disturbance effects.	As far as practicable, the lighting design for the Logistics Centre mitigates the spill into adjacent habitats, and employs a control system which illuminates only those areas where activities are occurring.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded

1012	Terrestrial and Freshwater Ecology	Chapter H9, 9.4.5 (Application Reference Number 6.8.9)	Potential adverse effects resulting from changes in surface water quality.	Drainage would be designed to mitigate any significant effects on the attenuation pond (see chapter H8 (Application Reference Number: 6.8.8)).	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
1013	Terrestrial and Freshwater Ecology	Chapter H9, 9.4.6 (Application Reference Number 6.8.9)	Contravention of protected species legislation.	Habitat manipulation will be used to encourage dispersal of reptiles from habitats that will be removed during construction of the Logistics Centre into areas of adjacent habitat that will not be affected.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
1014	Terrestrial and Freshwater Ecology	Chapter H9, 9.4.6 (Application Reference Number 6.8.9)	Contravention of protected species legislation.	Supervision of destructive works by an Ecological Clerk of Works (ECoW) to capture and move any reptiles discovered, and release them into areas of adjacent habitat that will not be affected.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
1015	Terrestrial and Freshwater Ecology	Chapter H9, 9.4.6 (Application Reference Number 6.8.9)	Contravention of protected species legislation.	A pre-construction survey will be completed before any works in close proximity to the attenuation pond will take place to search for evidence of water vole, including burrows, latrines and feeding remains. This will include areas up to 50m from the locations of the drainage infrastructure connection.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
1016	Terrestrial and Freshwater Ecology	Chapter H9, 9.4.6 (Application Reference Number 6.8.9)	Contravention of protected species legislation.	In the event that water vole burrows are identified in areas that are planned to be directly affected, Natural Resources Wales will need to be consulted with regards to the need to obtain a Conservation Licence to allow works to continue.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
1017	Terrestrial and Freshwater Ecology	Chapter H9, 9.4.6 (Application Reference Number 6.8.9)	Contravention of protected species legislation.	Should the pre-construction survey identify water vole burrows in the areas of the attenuation pond affected by works, then a Conservation Licence from Natural Resources Wales will need to be obtained.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
1018	Terrestrial and Freshwater Ecology	Chapter H9, 9.4.6 (Application Reference Number 6.8.9)	Contravention of protected species legislation.	Avoidance of nesting habitat removal during the bird breeding season (March to August inclusive). If not possible, then works would be supervised by an ECoW with appropriate protection measures put in place should active nests be found. These would include exclusion zones around active nests until chicks had fledged or nests had become inactive, as determined through monitoring by the ECoW.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
1019	Terrestrial and Freshwater Ecology	Chapter H9, 9.4.6 (Application Reference Number 6.8.9)	Contravention of relevant legislation.	Pre-construction surveys will be undertaken for invasive non-native species in order to inform construction decisions.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 11 DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Good practice

1020	Terrestrial and Freshwater Ecology	Chapter H9, 9.4.6 (Application Reference Number 6.8.9)	Contravention of relevant legislation.	Good practice biosecurity measures would provide the control and, if necessary, eradication of the invasive species, using guidance publications such as Guidance: Prevent harmful weeds and invasive non-native plants spreading [RD44].	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
1021	Terrestrial and Freshwater Ecology	Chapter H9, 9.4.6 (Application Reference Number 6.8.9)	Potential adverse effects resulting from fugitive dust and water pollution.	~~Section 10 within the overarching Wylfa Newydd CoCP (Deadline 5, Rev 3) and the Logistics Centre sub-CoCP (Deadline 5, Rev 3) set out~~ The overarching pollution management principles that would be applied across the Logistics Centre through the construction period. This includes good working practices and measures to protect the water environment, including management of sediment and pollution response plans. Section 7 of the overarching Wylfa Newydd CoCP (Deadline 5, Rev 3) and the Logistics Centre sub-CoCP (Deadline 5, Rev 3) also set out good working practices to control fugitive dust during the construction phase.	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3) , Chapter 10 and Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
1022	Terrestrial and Freshwater Ecology	Chapter H9, 9.5.11 (Application Reference Number 6.8.9)	Potential adverse effects resulting from changes in water quality.	Good practice mitigation, such as the management of surface water discharge and suspended solids runoff~~, detailed within section 10 of the overarching Wylfa Newydd CoCP (Deadline 5, Rev 3) and the Logistics Centre sub-CoCP (Deadline 5, Rev 3), and as described in chapter H8 (Application Reference Number: 6.8.8).~~	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 10 and Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
1023	Terrestrial and Freshwater Ecology	Chapter H9, 9.5.14 (Application Reference Number 6.8.9)	Disturbance to species as a result of operational noise.	Vehicles to turn off engines whilst queuing for entry to the Logistics Centre or scanning facility, and the banning of horn use whilst within the Logistics Centre	Construction ~~Operation~~	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 5	Good practice
1024a	Terrestrial and Freshwater Ecology	Chapter H9, 9.5.15 (Application Reference Number 6.8.9)	Potential adverse effects resulting from surface water pollution.	Embedded and good practice mitigation would manage surface water run-off, alleviating the flood risk to areas off-site and allow the attenuation of surface water pollutants~~; details are provided in chapter H8 (Application Reference Number: 6.8.8).~~	Construction ~~Operation~~	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 10	Good practice
1024b	Terrestrial and Freshwater Ecology	Chapter H9, 9.5.15 (Application Reference Number 6.8.9)	Potential adverse effects resulting from surface water pollution.	Embedded and good practice mitigation would manage surface water run-off, alleviating the flood risk to areas off-site and allow the attenuation of surface water pollutants; details are provided in chapter H8 (Application Reference Number: 6.8.8).	~~Construction~~ Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
Volume H, Landscape and Visual							

1025	Landscape and Visual	Chapter H10, 10.4.7 (Application Reference Number: 6.8.10)	Impact on landscape character. Impacts on visual amenity for users of local PRoW, roads and community facilities, and residential properties.	The following embedded mitigation measures will be implemented: • the proposed layout of the Logistics Centre site will be designed to avoid or reduce adverse effects to landscape features where possible; • retention of existing boundary features, exposed rock; • retention and enhancement of existing hedgerows and stone walls, where practicable; and • design of layout to retain the visual link between the Ty Mawr Standing Stone and the Trefignath Burial Chamber Scheduled Monuments across the southern corner of the site as far as reasonably practicable within security and operational requirements.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
1026	Landscape and Visual	Chapter H10, 10.4.9 (Application Reference Number: 6.8.10)	Protection of existing trees, scrub and hedgerows.	Protection of existing trees, scrub and hedgerows to be retained in accordance with the recommendations in BS 5837: 2012 Trees in Relation to Design, Demolition and Construction (British Standards, 2012) [RD28]	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
1027	Landscape and Visual	Chapter H10, 10.4.9 (Application Reference Number: 6.8.10)	Landscape and Visual effects.	The height of topsoil storage mounds will be restricted to 2m, to reduce potential visual impact and reduce potential adverse impacts on topsoil quality and the suitability for re-use.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
1028	Landscape and Visual	Chapter H10, 10.4.12 (Application Reference Number: 6.8.10)	Impact on landscape character. Impacts on visual amenity for users of local PRoW, roads and community facilities, and residential properties.	Seeding of landscape areas with appropriate grassland species to help integrate the site with the surrounding landscape.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
1029	Landscape and Visual	Chapter H10, 10.4.12 (Application Reference Number: 6.8.10)	Seeding of landscape areas, impact on landscape and visual effects.	Landscape areas will be seeded with appropriate grassland species in order to help integrate the Logistics Centre site into the surrounding landscape.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded

1030	Landscape and Visual	Chapter H10, 10.4.14 (Application Reference Number: 6.8.10) New mitigation proposed to reach agreement on issues raised in SoCG discussions Response to FWQs/WRs/LIRs	Landscape Management.	During operation of the Logistics Centre, a long-term landscape management strategy will be implemented for the duration of Horizon's tenancy to ensure successful establishment of proposed landscaping and long-term viability of planting. Horizon will undertake quarterly landscape site inspections for a five-year period, followed by annual inspection for a second five-year period (total 10 years) in order to ensure landscaping has established appropriately. In the event that these inspections identify that planting has not established, replacement planting on a like-for-like basis will be undertaken at the first available planting season. The following landscape management techniques will be used as appropriate: -species-rich grassland - grass cutting and weed control; and -native hedgerows with trees – pruning, hedge cutting, weed control, treatment of arisings, replanting gaps and accommodating trees when cutting.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 11	Good practice
1031	Landscape and Visual	Chapter H10, 10.4.18 (Application Reference Number: 6.8.10)	Impact on landscape character. Impacts on visual amenity for users of local PRoW, roads and community facilities, and residential properties.	Legacy use will be to remove features (security kiosks) to retain important view between the Ty Mawr Standing Stone and the Trefignath Burial Chamber Scheduled Monuments to maintain the open view between the two sites.	Pre-operation	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Additional
1032	Landscape and Visual	Chapter H10, 10.4.18 (Application Reference Number: 6.8.10)	Impact on landscape character. Impacts on visual amenity for users of local PRoW, roads and community facilities, and residential properties.	On decommissioning of the Logistics Centre: • landscaped areas within the Logistics Centre site will be retained, including the rock outcrop, seeding and hedgerow planting; and • existing stone walls along the south western edge and hedgerows along the south eastern boundaries will be restored.	Pre-operation	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4)	Additional
1033	Landscape and Visual	Chapter H10, table H10-3 (Application Reference Number: 6.8.10)	Reduce adverse landscape and visual effects.	Construction of cabin heights will be restricted to two storeys.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional
1238	Landscape and Visual	Response to FWQs/WRs/LIRs	Appropriate colour of the welded mesh fence	The proposed 2.4m high welded mesh fencing around the Logisitcs Centre will be finished using a visually recessive or otherwise appropriate colour to mitigate potential adverse visual impact	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 11	Additional

1239	Landscape and Visual	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Construction Lighting Scheme	Horizon will submit for approval a Construction Lighting Scheme for the Logistics Centre. The scheme will be prepared in accordance with the principles set out the Wylfa Newydd CoCP and the relevant sub-CoCP. The scheme will comprise general exterior area lighting, security and carpark lighting, and provide the following details: • Lighting design; including location, height and tilt of proposed lighting • Lighting controls, to enable variable lighting; • Illuminance levels by area (average and uniformity); • Plans displaying spill light contour lines on Ordnance Survey mapping, highlighting: • light spill over construction boundaries; and • key sensitive receptors with vertical grid lux plots at agreed locations; • Monitoring mechanisms to ensure compliance.	Pre-construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4), Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 4 Park and Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional
Volume H, Cultural Heritage							
1034	Cultural Heritage	Chapter H11, 11.4.8 (Application Reference Number: 6.8.11)	Reduce effects on the setting of heritage assets during operation.	The number and mass of buildings which comprise the Logistics Centre have been limited, and buildings (with the exception of the security kiosk and driver instruction point) and the heavy goods vehicle parking area would be sited to the north of the Logistics Centre. This design layout would reduce visual intrusion into the settings of Ty Mawr Standing Stone (Asset 22) and the Trefignath Burial Chamber (Asset 21) Scheduled Monuments and maintain the line of sight between the two heritage assets and the possible visual alignment of these monuments and the winter solstice sunrise, as far as reasonably practicable within security and operational requirements.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
1035	Cultural Heritage	Chapter H11, 11.4.8 (Application Reference Number: 6.8.11)	Reduce effects on the setting of heritage assets during operation.	There would be hedgerow planting to the north of the Logistics Centre site to reinforce and enhance existing hedgerows.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
1036	Cultural Heritage	Chapter H11, 11.4.8 (Application Reference Number: 6.8.11)	Reduce effects on the setting of heritage assets during operation.	The existing stone wall to the south west of the Logistics Centre site would be restored.	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Deadline 4, Rev 3)	Embedded
1037	Cultural Heritage	Chapter H11, 11.6.3 and table H11-3 (Application Reference Number: 6.8.11)	Removal of unknown archaeological remains.	Discovery of unknown archaeological remains will be mitigated in accordance with the Wylfa Newydd CoCP (Deadline 5, Rev 3)	Construction	Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 12	Additional

1038	Cultural Heritage	Chapter H11, 11.6.5 and table H11-3 (Application Reference Number: 6.8.11) and Vol H, appendix H11-2 (Application Reference Number: 6.8.27)	Effects on the setting of Trefignath Burial Chamber (Asset 21).	Photographic survey to make a record of current setting.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
1039	Cultural Heritage	Chapter H11, 11.6.5 and table H11-3 (Application Reference Number: 6.8.11) and Vol H, appendix H11-2 (Application Reference Number: 6.8.27)	Effects on the setting of Ty Mawr Standing Stone, Holyhead (Asset 22).	Photographic survey to make a record of current setting.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
1240	Cultural Heritage	New mitigation proposed to reach agreement on issues raised in SoCG discussions	Archaelogical Mitigation Scheme	Prior to commencement of the Logistics Centre, Horizon will prepare and submit the Archaeological Mitigation Scheme.Any potential adverse effects on unknown archaeological remains that may be present within the previously undisturbed areas of the Logistics Centre site, will be mitigated by the implementation of the Archaeological Mitigation Scheme. The scheme will be prepared in accordance with the principles set out in the Wylfa Newydd CoCP and the Logistics Centre sub-CoCP	Construction	DCO requirement, Draft Development Consent Order (Deadline 5, Rev 4) Wylfa Newydd CoCP (Deadline 5, Rev 3), Chapter 12 Park and Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 12	Additional
Health Impact Assessment (HIA)							

~~1040~~	~~Health~~	~~Health Impact Assessment – Rapid HIA Screening – Parc Cybi Logistics Centre~~	~~Safeguarding with particular focus on children, young people and adults at risk from abuse.~~	Re-categorised as a Project-Wide control. Moved to WN CoCP and WMS ~~Prior to, and throughout, operation of the Logistics Centre, appropriate dialogue will maintained between Horizon, the contractor, the delivery and logistics supply chain and local safeguarding agencies, including North Wales Police. Discussions will include any individual or coordinated measures appropriate to avoiding risks to vulnerable groups, for example in relation to human trafficking and direct or indirect sex work. Security protocols will be agreed by Horizon and North Wales Police, and other safeguarding agencies, and reviewed regularly. Security staff will be trained in safeguarding issues so that, for example, staff who conduct site and/or vehicle inspections will be aware of signs of illegal activity such as human trafficking~~	~~Construction~~	~~Logistics Centre sub-CoCP (Deadline 5, Rev 3)~~	~~Additional~~
1041	Health	Health Impact Assessment - Rapid HIA Screening - Parc Cybi Logistics Centre	Promotion of health and well-being	During operation of the Logistics Centre, Horizon will provide information at the welfare building to promote health and well-being, including occupational health and hygiene and good worker conduct. The welfare building at the Logistics Centre will include education and awareness-raising materials targeted at the lorry drivers using the Logistics Centre. The materials will cover road safety, cultural and health promotion issues, linking with wider occupational health measures for the Wylfa Newydd Project. Frequently updated multi-media and information leaflets could be used.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 4	Additional
Equality Impact Assessment (EQIA)							
1104	EqIA	Equality Impact Assessment, 7.4.3	Traffic, transport access	Access along the shared use cycleway/footway that runs along the north side of the spine road for Parc Cybi industrial estate and Lôn Trefignath cycle path for cyclists and pedestrians would be maintained throughout construction. The design of the new Logistics Centre site entrance would accommodate this cycle path.	Construction	Logistics Centre sub-CoCP (Deadline 5, Rev 3), Chapter 6	Embedded

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Table 1-7 s.106 Commitments

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(1) Item	(2) Topic	(3) Source	(4) Issue	(5) Mitigation	(6) Trigger	(7) Securing Mechanism	(8) Type of Mitigation
1241	Welsh language	Welsh Language Impact Assessment New mitigation proposed to reach agreement on issues raised in SoCG discussions.	Impact on Welsh Language	1.Contributions for Welsh language education (comprising committed sums and a 50% contingency with set release triggers should there be more workforce dependents than anticipated) 2.Funding an IACC Welsh language officer 3.Funding a community translation service 4.Undertaking an annual evaluation of the impact of the Wylfa Newydd Project on the Welsh language in the KSA 5.Development (with Stakeholders) a Welsh Skills and Competency Framework and assessment tool to set Welsh language skills required for various jobs 6.Employment of a Welsh Language and Culture Co-ordinator, 7.Delivery of a Welsh language policy with minimum requirements and commitments 8.Community engagement obligations; and working with the Workforce to emphasise the importance of Welsh language and culture, and provision of materials and training 9.Requirements to flow down Welsh language obligations to contractors and the Workforce 10.Notification of jobs through the Wylfa Newydd Employment and Skills Service (WNESS) 11.Monitoring and reporting obligations for Welsh skills, and the locations within communities of the Workforce and partners and dependents to monitor impacts. 12.Establishment of a Welsh Language and Culture Engagement Group 13.Reporting data and sharing Monitoring returns with the Welsh Language and Culture Engagement Group	Pre-construction, construction and ongoing	Schedule 1 of the Draft DCO s.106 agreement (Deadline 6)	Additional & Good Practice
1242	Leisure	New mitigation proposed to reach agreement on issues raised in SoCG discussions.	Impacts on leisure facilities	1.Contributions for upgrades to existing indoor and outdoor leisure facilities, and swimming facilities	Construction	Schedule 2 of the Draft DCO s.106 agreement (Deadline 6)	Additional Mitigation
1243	Tourism and PRoW	Chapter D4, table D4-3 (Application Reference Number: 6.4.4) New mitigation proposed to reach agreement on issues raised in SoCG discussions.	Impact on Tourism Impacts on Public rights of Way Effect on walkers using the existing PRoW network outside the Wylfa Newydd Development Area. Effect on cyclists using the Copper Trail.	1.Funding of an IACC tourism officer 2.Annual resilience contributions to market Anglesey as a tourism destination 3.Monitoring contributions to the Welsh Government 4.Copper Trail Contributions 5.PRoW Capital and Maintenance Contributions 6.Preparation of a Tourism Action Plan to guide strategic opportunities 7.Delivering a permanent Visitor Centre		Schedule 3 of the Draft DCO s.106 agreement (Deadline 6)	Additional Mitigation

1244	Employment and Skills and Supply Chain	Chapter C1, 1.4.16, 1.4.17, 1.6.4 (Application Reference Number: 6.3.1) Chapter E3, 3.4.12 (Application Reference Number: 6.5.3) Chapter H3, 3.4.8 (Application Reference Number: 6.8.3)	Impact on Employment and Education	1.Funding a Jobs and Skills Contribution to be allocated to delivering skills training and return to work training programmes by IACC and other training providers, which is supported by a contingency fund where KPIs are not being met 2.Making specific workforce planning funding available to stakeholders with staff in the health and care sectors 3.Funding two IACC Economic Development Officers and the Developer nominating an equivalent role to work with eh IACC EDOs 4.Establishing, funding and supporting the WNESS to operate as an employment portal for notification of jobs and registering for employment opportunities, and reporting data such as employment rates through the WNESS to the Jobs and Skills Engagement Group 5.Development of a Jobs and Skills Implementation Plan with the Jobs and Skills Engagement Group to set skills training programmes and KPIs, and to regularly review that plan 6.Establishment of a Jobs and Skills Engagement Group 7.Commitments to apprenticeship targets, including flow through to contractors 8.Development of a Supply Chain Action Plan, to create supply chain opportunities within the local area and KPIs for that, and to regularly review that plan 9.To operate a Supply Chain Portal as a web based services for notification of opportunities and expression of interest from local businesses	Pre-construction and construction	Schedule 4 of the Draft DCO s.106 agreement (Deadline 6)	Additional Mitigation
1245	Accommodation	Chapter C1, 1.6.8 (Application Reference Number: 6.3.1)	Impact on housing stocks and accommodation supply	1.Contributions for accommodation capacity enhancement in the areas around the site, supported by a contingency fund where KPIs are not being met or where the WAMS Oversight Board recommends release. 2.Funding up to 3 IACC accommodation officers 3.Making annual contributions to IACC to manage accommodation impacts 4.Establishing the Workforce Accommodation Management Service including a Worker Accommodation Portal as a centralised management tool which will also yield Workforce monitoring data (i.e. accommodation take up, location, etc), to be shared with the WAMS Oversight Board. 5.Commitment to site occupancy targets with implementation of incentives if targets are not being met 6.Establishment of the WAMS Oversight Board	Construction	Schedule 5 of the Draft DCO s.106 agreement (Deadline 6)	Additional Mitigation
1246	Education	New mitigation proposed to reach agreement on issues raised in SoCG discussions.	Impacts on education	1.Development of an Education Strategy 2.Contributions to IACC for delivery of enhancements which may include physical capacity enhancement, staffing or training enhancement, educational materials enhancements, etc 3.Supporting this, an Education Contingency Fund which can also be accessed by Gwynedd and Conwy 4.Monitoring commitments regarding the numbers of Workforce children, and obligations to share that data with IACC.		Schedule 6 of the Draft DCO s.106 agreement (Deadline 6)	Additional Mitigation
1247	Transport	New mitigation proposed to reach agreement on issues raised in SoCG discussions. and the Candidate Changes	Impacts on traffic and safety of new bypasses and along existing roads	1.Funding an IACC Transport Officer 2.Annual contributions supported by committed additional mitigation funding which can be accessed in agreement with the Transport Engagement Group for a range of transport related contingencies on the local and strategic highway network, should that be required. 3.Funding a road safety campaign 4.Establishment of a Transport Engagement Group 5.Undertaking road condition surveys and final repairs	Pre-construction and construction	Schedule 7 of the Draft DCO s.106 agreement (Deadline 6)	Additional Mitigation

1248	Health and Wellbeing	Health Impact Assessment New mitigation proposed as a result of ongoing SoCG/s106 discussions	Impacts on Health Process for agreeing Health Services Improve governance and community confidence Labour churn in the health and social care sector that could reduce the	1.A range of payments for the benefit of Betsi Cadwaladr University Health Board for impacts on NHS services, to bolster the onsite medical centre commitments. This is supported by a contingency fund which is released at set triggers, or on recommendation of the Health and Wellbeing Engagement Group 2.Protocols for dentistry delivery, prescriptions, and communicable diseases. 3.Establishment of a Health and Wellbeing Engagement Group will recommend mitigation funded by the contingency fund to the WNMPOP who will make a final decision.	Pre-construction and construction	Schedule 8 of the Draft DCO s.106 agreement (Deadline 6)	Additional Mitigation
1249	Emergency Services (fire, ambulance and police)	New mitigation proposed as a result of ongoing SoCG/s106 discussions	Impacts on emergency services and local community safety	1.Annual contributions to the Police for funding a neighbourhood policing team 2.Annual contributions to the Welsh Ambulance Service NHS Trust for mitigation for potential higher demand for ambulance services (as well as the onsite ambulance provision) as a result of the project and any workforce planning, training and monitoring 3.Annual contributions to the North Wales Fire and Rescue for additional demands in relation to business fire safety and community fire safety 4.Establishment of an Emergency Services Engagement Group	Construction	Schedule 9 of the Draft DCO s.106 agreement (Deadline 6)	Additional Mitigation
1250	Construction Noise Mitigation	New mitigation proposed as a result of ongoing SoCG/s106 discussions	Noise impacts on nearby sensitive receptors	1.Payments for sound insulation mitigation at a local school (Cemaes Primary School contribution) and local church (Eglwys Sant Padrig Church contribution) (to support the sound insulation scheme for residential and accommodation premises committed to in the CoCP)	Construction	Schedule 10 of the Draft DCO s.106 agreement (Deadline 6)	Additional Mitigation
1251	Environment and Historic Heritage	New mitigation proposed as a result of ongoing SoCG/s106 discussions	Impacts on environmental receptors and ability to effectively monitor construction impacts	1.Establishing two voluntary environmental funds from which eNGOs can make applications to fund certain types of projects or research 2.Funding of a tern warden 3.Funding of an IACC Environment officer 4.Delivering a conservation management plan at Cestyll Garden, of it that is not possible due to land ownership constraints, making a contributions in lieu available to the Council. 5.Funding interpretation boards at identified sites including Felin Gafnan 6.Funding any repair works at Felin Gafnan should pre- and post-construction surveys reveal damage caused by the Project	Construction	Schedule 11 of the Draft DCO s.106 agreement (Deadline 6)	Additional Mitigation
1252	Community Fund	Chapter D3, 3.6.3, table D3-6 (Application Reference Number: 6.4.3)	Impacts on the community	1.Providing Community Fund administered by IACC (but available in part to Gwynedd and Conwy) for mitigating any intangible and residual impacts of the project on communities through schemes, measures and projects which promote economic, social or environmental well-being of communities and enhance quality of life	Construction	Schedule 12 of the Draft DCO s.106 agreement (Deadline 6)	Additional Mitigation
1253	Community Involvement Officers	New mitigation proposed as a result of ongoing SoCG/s106 discussions	Impacts on the community	1.Funding two IACC Community Involvement Officers (CIOs) and the developer employing two CIOs 2.The CIOs to develop and deliver a Community Impact Joint Work Plan which sets out how the Community Involvement Officers will manage community language services, support the integration of Workforce and Dependants, liaise with communities in respect of Workforce conduct issues, operate community translation services etc.	Construction	Schedule 13 of the Draft DCO s.106 agreement (Deadline 6)	Additional Mitigation

1254	Site Preparation and Clearance Obligations	New mitigation proposed to reach agreement on issues raised in SoCG discussions.		1.Establishing the payments due on commencement of the site preparation works, assuming those are undertaken under the DCO, comprising the: 2.SPC Local Facilities and Services Contribution to IACC for developing and maintaining local facilities and services 3.SPC Tourism Contribution 4.SPC Heritage and Archaeology Contribution 5.SPC Welsh Language Contribution 6.SPC Economic Development Officer Contribution 7.SPC Accommodation Contribution 8.SPC Community Resilience Contribution 9.SPC Environmental Contribution 10.SPC PRoW Contribution 11.SPC Monitoring Contribution	Construction	Schedule 14 of the Draft DCO s.106 agreement (Deadline 6)	Additional Mitigation
1255	Service level contribution, monitoring and reporting	New mitigation proposed to reach agreement on issues raised in SoCG discussions.	Ability to resource discharging and monitoring functions	1.Making the Service Level Contribution to IACC for running the Programme Office 2.Paying an Implementation and Monitoring (Construction) Contribution and an Implementation and Monitoring (Operation) Contribution to IACC for cost of monitoring implementation and compliance with, and enforcement, including provision of officer resource during construction and operation 3.Requiring reporting to IACC on key project milestones and activities, key mitigation delivered etc and from IACC in relation to expenditure of financial contributions and mitigation delivered 4.The developer to publish for the benefit of the community, quarterly construction lookaheads.	Construction	Schedule 15 of the Draft DCO s.106 agreement (Deadline 6)	Additional Mitigation

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Table 2-1 Schedule of references

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