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Subject:	Wylfa Newydd DCO Examination Horizon - Deadline 2 Submissions
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Attachments:	8.14 Mitigation Route Map (Rev 2.0).pdf 8.14 Mitigation Route Map (Rev 2.0).xlsx

Good Evening

Please find attached Horizon's Deadline 2 submissions relating to :

- Mitigation Route Map pdf
- Mitigation Route Map Excel file

Kind Regards

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HORIZON NUCLEAR POWER

WYLFA NEWYDD

ENERGY WORKING FOR BRITAIN

Wylfa Newydd Project

8.14 Mitigation Route Map - Reacting to developments/concessions through examination

PINS Reference Number: EN010007

Application Reference Number: 8.14

4 December 2018

Revision 2.0
Examination Deadline 2

Regulation Number: 5(2)(q)

Planning Act 2008
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Horizon Internal DCRM Number: WN0902-JAC-PAC-REP-00009

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1 Mitigation Route Map

1.1 Introduction

1.1.1 This Mitigation Route Map (Application Reference Number: 8.14), has been prepared in order to demonstrate that all necessary controls and mitigation for the project have been identified and secured. 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, translated into clear and enforceable controls (Column (6)); either via other DCO documents, DCO requirements, s106 obligations or other consent regimes, such as Section 61 Consents (Control of Pollution Act 1974), or Environmental Permits (Environmental Permitting Regulations 2010).

1.1.2 This Mitigation Route Map is not proposed to have any formal status, but rather help both the Examining Authority and interested parties to understand mitigation relied on by the ES and other assessment to be secured. The information contained within the current draft is in draft form and reflecting the information submitted in March 2018. It is proposed that this document is kept 'live' by updating it throughout the Examination process to ensure it captures all relevant issues, providing certainty that that the DCO, ES and other assessments are mutually consistent.

1.1.3 In this Deadline 2 revision:

- the mitigation measures from the Equality Impact Assessment (EqIA), which were not previously included, are now included.
- all changes to the document are flagged in red and underlined; these changes are either
  - errata items i.e. errors in paragraph numbers or the securing mechanism column;
  - updated mitigation in light of the ongoing SoCG discussions; and
  - new mitigation in light of the ongoing SoCG discussions.
- if the older text is superceded, 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

- Column (2) provides the source and relevant reference of the issue and associated mitigation measures
- Column (3) describes the issue for which mitigation is required
- Column (4) provides the detail of the mitigation measures as set out in the ES or other assessments.
- Column (5): the relevant timing or 'trigger' for when an identified mitigation or measure should be in place. This refers to the ‘construction’, ‘operation’ and ‘decommissioning’ stages of the Power Station.
- Column (6): the relevant securing mechanism(s) for each measure.
- Column (7): 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 and the Logistics Centre.

1.3 FWQ Q4.0.113

1.3.1 As assured in the response to the FWQ 4.0.113 (and to respond to the EXA’s request in the Rule 8 letter), Horizon has added an additional column in the MRM tables indicating the type of mitigation; i.e. good practice, embedded and additional.

1.3.2 To make the task of navigating the mitigation measures easier, Horizon has submitted an excel version of this MRM at Deadline 2. This excel version has three additional columns and can be filtered by source assessment (i.e. ES, HIA), geographical location (i.e Park and Ride, Logistics Centre) and topics (i.e. air quality, noise). The excel version of this MRM can also be filtered by type of mitigation to provide a clear list of all embedded measures.

1.3.3 As stated in the response, the excel version of the MRM can be filtered on column 6 to provide a clear list of all mitigation measures to be secured via the s106 agreement. If this is not adequate Horizon can provide the same information in a word format at Deadline 5.

Table 1-1 Project Wide Mitigation

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
Environmental Impact Assessment (EIA)						
Volume C, Socio-economics						
0001	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 (Application Reference Number: 8.29)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0002	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 (Application Reference Number: 8.29).	Construction	Phasing Strategy (Application Reference Number: 8.29)	Embedded
0003	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 (Application Reference Number: 8.29)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0004	Chapter C1, 1.4.16 (Application Reference Number: 6.3.1)	Employment	The Jobs and Skills Strategy (Application Reference Number: 8.3), while not secured as a requirement of the Development Consent Order (DCO), outlines elements on how Horizon will work with a range of stakeholders including the Isle of Anglesey County Council (IACC), the Welsh Government and North Wales Economic Ambition Board members to fund and facilitate the timely delivery of additional training to meet specific skills needs identified for the Wylfa Newydd Project. The funding to deliver Horizon's commitments within the Jobs and Skills Strategy (Application Reference Number: 8.3) will be secured through planning obligations and will support Horizon in maximising the proportion of home-based workers making up the workforce during construction, which for assessment purposes is estimated to be 2,000 workers. This will promote and enable training in advance of potential employment to facilitate greater local employment	Pre-construction Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			opportunities. Details can be found in the Jobs and Skills Strategy (Application Reference Number: 8.3) that is being collaboratively developed with a range of stakeholders.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0005	Chapter C1,1.4.17 (Application Reference Number:6.3.1)	Local businesses	Supply Chain Charter sets out Horizon's commitment to safety, collaboration and engagement, alongside procurement and integrity. It also outlines expectations of suppliers, and notes how they will work together for greater beneficial outcomes for all parties. The Charter will be delivered by the Supply Chain Action Plan that will actioned by a Supply Chain Service and Supply Chain Portal, both of which will be established via S106/Planning Obligations. Horizon and the Supply Chain Service will work to further enhance and deliver the ActionPlan while the Portal will be a web-based procurement platform that allows interested suppliers to register for opportunities with respect to the Wylfa Newydd Project.	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Good practice

0006	Chapter C1, 1.4.22 (Application Reference Number: 6.3.1)	Community amenity	Wylfa Newydd Code of Construction Practice (CoCP) (Application Reference Number: 8.6) and site-specific sub- CoCPs (Application Reference Number: 8.7-8.12) 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 (Application Reference Number: 8.6), Main Power Station Site sub-CoCP (Application Reference Number: 8.7), Marine Works sub-CoCP (Application Reference Number: 8.8), Off-Site Power Station Facilities sub-CoCP (Application Reference Number: 8.9), Park and Ride sub-CoCP (Application Reference Number: 8.10), Logistics Centre sub-CoCP (Application Reference Number: 8.11), and A5025 Off-line Highway	Good practice

					Improvements sub-CoCP (Application Reference Number: 8.12)	

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0007	Chapter C1, 1.4.23 (Application Reference Number: 6.3.1)	Workforce Management Strategy (WMS)	The WMS (Application Reference Number: 8.5) 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	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1) and WMS (Application Reference Number: 8.5)	Good practice
0008	Chapter C1,1.4.27 (Application Reference Number:6.3.1)	Human Health, Welsh language and Equality	Mitigation measures outlined as part of the HIA (Application Reference Number: 8.19), Welsh Language Impact Assessment (WLIA) (Application Reference Number: 8.21), and the Equality Impact Assessment (EqIA) (Application Reference Number: 8.22) all serve to reduce potential adverse socio-economic effects of the Wylfa Newydd Project. As the focus of these assessments is on the effects on local peopleand communities, all aspects of their mitigation are relevant for consideration.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0009	Chapter C1, 1.6.4 (Application Reference Number: 6.3.1)	Employment	The Wylfa Newydd Employment and Skills Service (WNESS) constitutes part of the Jobs and Skills Strategy (Application Reference Number: 8.3) but is considered additional mitigation due to the extent to which the services offer more than the statutory requirement to enhance local opportunities and support the local economy. The WNESS will assist in the recruitment of new employees to the labour market; train and upskill both new entrants and others; and provide a brokerage service by filling vacant posts to support businesses which encounter difficulty finding appropriate replacements when workers move on to the Wylfa Newydd Project. The WNESS will establish and utilise an Employment and Skills Portal, a web-based procurement platform that will allow people to observe employment opportunities and subsequently gain employment within the Wylfa Newydd Project.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1) and WMS (Application Reference Number: 8.5)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0010	Chapter C1, 1.6.8 (Application Reference Number: 6.3.1)	Reduce adverse effects on local housing market and public services.	A Housing Fund would be used to increase the available stock in both Private Rental Sector and owner-occupied housing supply. In addition to the Housing Fund, the Workforce Accommodation Management Service will be a body that seeks to avoid, reduce and mitigate effects on the housing market. The WAMS will provide a Construction Workers' Accommodation Management Portal that will be a database of suitable vacant properties offered by landlords and other providers, including the Site Campus.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0011	Chapter C1, 1.6.18 (Application Reference Number: 6.3.1)	Local Neighbouring Communities	The Community Impact Fund (Application Reference Number: 8.23) will be utilised to mitigate effects to local recreational resources and open spaces, and for unforeseen effects arising as a result of the presence of the workforce in the area, including effects on people/groups with protected characteristics. The fund will be managed by a committee consisting of representatives from Horizon, IACC and the local community. Draw-down of funds would be subject to satisfaction of a number of conditions. These are yet to be agreed with relevant parties.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Additional
0012	Chapter C1,1.6.19 (Application Reference Number:6.3.1)	Tourism Sector	The provision of a Tourism Fund by Horizon will serve to address any material effects which could arise on the sector as a result of the Wylfa Newydd Project. This fund will seek to ensure that the perceived impacts on the local tourism sector can be moderated using positive mechanisms to develop existing and new forms of tourism.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0013	Chapter C1, 1.6.22 (Application Reference Number: 6.3.1)	Tourism Sector	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 (Application Reference Number: 8.7)	Additional
Volume C, Traffic and Transport						
0014	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 (Application Reference Number: 8.29)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0015	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 (Application Reference Number: 8.29)	Embedded
0016	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 (Application Reference Number: 8.29)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0017	Chapter C2,2.4.12, 2.4.18 (Application Reference Number:6.3.2)	Increased private vehicle traffic volumes associated with the dailycommute to the Wylfa Newydd Development Area andassociated 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 privatevehicle movements to and from the Wylfa NewyddDevelopment Area.	Pre-construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Embedded
0018	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0019	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 (Application Reference Number: 8.2.3)	Embedded
0020	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0021	Chapter C2,2.4.13, 2.4.19 (Application Reference Number:6.3.2)	Increased private vehicle traffic volumes associated with the dailycommute to the Wylfa Newydd Development Area andassociated 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 (Application Reference Number: 8.6)	Good practice
0022	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0023	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.	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice
0024	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0025	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 (Application Reference Number: 8.6)	Good practice
0026	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 (Application Reference Number: 8.6)	Good practice
0027	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 (Application Reference Number: 8.7)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0028	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	WMS (Application Reference Number: 8.5)	Good practice
0029	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0030	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 (Application Reference Number: 8.29)	Embedded
0031	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 (Application Reference Number: 8.6)	Embedded
0032	Chapter C2,2.4.24 (Application Reference Number:6.3.2)	Increases in traffic volumes, particularlyHGVs, 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 (Application Reference Number: 8.13)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0033	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 (Application Reference Number: 8.13)	Good practice
0034	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 (Application Reference Number: 8.13)	Good practice
0035	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 (Application Reference Number: 8.13)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0036	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 (Application Reference Number: 8.13)	Good practice
0037	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 (Application Reference Number: 8.2.2)	Good practice
0038	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 (Application Reference Number: 8.13)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0039	Chapter C2,2.4.29 (Application Reference Number:6.3.2)	Increases in traffic associated with operation of the Project, also resulting ineffects 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 (Application Reference Number: 8.13)	Good practice
0040	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 (Application Reference Number: 8.13)	Good practice
0041	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 (Application Reference Number: 8.13)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0042	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 (Application Reference Number: 8.13)	Good practice
0043	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 (Application Reference Number: 8.13)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1054	New Mitigation - Potential for Rat running	New mitigation proposed as a result of ongoing SoCG discussions - The WN CoCP and WMS previously had limited details on the issue. This will be picked up by the ES Addendum at a suitable point in the Examination	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 (Application Reference Number: 8.5), Wylfa Newydd CoCP (Application Reference Number: 8.6)	Additional

1055	New Mitigation - Implementing and managing car share arrangements	New mitigation proposed as a result of ongoing SoCG discussions - The WN CoCP previously had limited details on the issue. This will be picked up by the ES Addendum at a suitable point in the Examination	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 car 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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Additional

			of entry to the WNDA or Park and Ride car parks.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1056	New Mitigation - Managing Traffic Incidents	New mitigation proposed as a result of ongoing SoCG discussions - The WN CoCP previously had limited details on the issue. This will be picked up by the ES Addendum at a suitable point in the Examination	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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			appropriate locations, including the Logistics Centre, during an incident.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1057	New Mitigation- Mechanisms to ensure appropriate HGV routes are used.	New mitigation proposed as a result of ongoing SoCG discussions - The WN CoCP previously had limited details on the issue, but more details were contained in the Logistics Centre sub-CoCP. This mitigation is however relevant Project wide. This will be picked up by the ES Addendum at a suitable point in the Examination	An Integrated Distribution Management Asset Tracking System (DMATS) will be used to monitor, manage and control deliveries to site. 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).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)Logistics Centre sub-CoCP (Application Reference Number: 8.11)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1058	New Mitigation- Mechanisms to deliver car share targets	New mitigation proposed as a result of ongoing SoCG discussions - The WN CoCP previously had limited details on the issue. This will be picked up by the ES Addendum at a suitable point in the Examination	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 (Application Reference Number: 8.6)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1059	New Mitigation- Enforcing traffic and transport strategy	New mitigation proposed as a result of ongoing SoCG discussions - The WN CoCP previously had limited details on the issue. This will be picked up by the ES Addendum at a suitable point in the Examination	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 (Application Reference Number: 8.6)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1060	New Mitigation - HGV management from WNDA	New mitigation proposed as a result of ongoing SoCG discussions - The Main Power Station Site sub-CoCP previously had limited details on the issue. This will be picked up by the ES Addendum at a suitable point in the Examination	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 (Application Reference Number: 8.7)	Additional
1062	New Mitigation - Car Parking Strategy	New mitigation proposed as a result of ongoing SoCG discussions. The WN CoCP previously had limited details on the issue. This will be picked up by the ES Addendum at a	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 (Application Reference Number: 8.6)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
		suitable point in the Examination				
1063	New Mitigation - Bus stop locations	New mitigation proposed as a result of ongoing SoCG discussions. This will be picked up by the ES Addendum at a suitable point in the Examination	Bus stop use and locations will be agreed in advance with IACC	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Additional
Volume C, Public Access and Recreation						
0044	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 (Application Reference Number: 8.29)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0045	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 (Application Reference Number: 8.29)	Embedded
0046	Chapter C3,3.4.16 (Application Reference Number:6.3.3)	Traffic related effects of construction ofthe 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 (Application Reference Number: 8.11)	Embedded
0047	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 (Application Reference Number: 8.11) WMS (Application Reference Number: 8.5)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0048	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 (Application Reference Number: 8.11)	Additional
Volume C, Air Quality						
0049	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	Construction	Phasing Strategy (Application Reference Number: 8.29)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			reduce the number of private vehicle movements to the Wylfa Newydd Development Area.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0050	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 (Application Reference Number: 8.6)	Good practice

0051	Chapter C4,4.4.22 (Application Reference Number6.3.4)	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 concentrationsparticularly 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. Usingmarine 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	Construction	Phasing Strategy (Application Reference Number: 8.29) and Wyfa Newydd CoCP (Application Reference Number: 8.6	Embedded

			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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0052	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 (Application Reference Number: 8.6). 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 (Application Reference Number: 8.6)	Good practice
0053	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 (Application Reference Number: 8.29)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0054	Chapter C4,4.4.29 (Application Reference Number6.3.4)	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 (Application Reference Number: 8.13)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1064	New Mitigation - Dust and air quality monitoring	New mitigation proposed as a result of ongoing SoCG discussions - The WN CoCP previously had limited details on the issue. This will be picked up by the ES Addendum at a suitable point in the Examination	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 (Application Reference Number: 8.6)	Additional
Volume C, Noise and Vibration						
0055	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 (Application Reference Number: 8.29) and Wylfa Newydd CoCP (Application Reference Number 8.6)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0056	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 (Application Reference Number: 8.2.3)	Embedded
0057	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0058	Chapter C5,5.4.129 (Application Reference Number:6.3.5)	Noise effect from constructiontraffic travelling to the WylfaNewydd 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 thenumber 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 (Application Reference Number: 8.29) and Wylfa Newydd CoCP (Application Reference Number: 8.6)	Embedded
0059	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 (Application Reference Number: 8.29) and WMS (Application Reference Number: 8.5)	Embedded
0060	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 (Application Reference Number: 8.29)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0061	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 (Application Reference Number: 8.6)	Additional
Volume C, Waste						
0062	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 (Application Reference Number: 6.4.17)	Embedded
0063	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 (Application Reference Number: 8.6). This helps manage and reduce	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			the amount of waste produced and therefore disposed of to landfill.			
0064	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 (Application Reference Number: 8.6). 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 (Application Reference Number: 8.6)	Good practice
0065	Chapter C6,6.4.12 (Application Reference Number6.8.10)	Management of waste during operation.	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 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	Wylfa Newydd CoOP (Application Reference Number: 8.13)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0066	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 (Application Reference Number: 8.2.3)	Embedded
0067	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 (Application Reference Number: 8.13).	Operation	Wylfa Newydd CoOP (Application Reference Number: 8.13)	Good practice
0068	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 (Application Reference Number: 8.6)	Decommissioning	DCO requirement, Draft Development Consent Order (Application Reference Number: 3.1)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			and the Wylfa Newydd CoOP (Application Reference Number: 8.13).			
0069	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 (Application Reference Number: 3.1)	Embedded
0070	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 (Application Reference Number: 8.6) and Wylfa Newydd CoOP (Application Reference Number: 8.13).	Decommissioning	DCO requirement, Draft Development Consent Order (Application Reference Number: 3.1)	Good practice

0071	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 followingactions 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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6).	Good practice

			noise levels to acceptable level at the relevant receptors.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0072	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	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.	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
	Number: 6.7.3)		• 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 personel and vehicles • Appropriate disposal arrangements from potential contaminated areas • Management of visitor pressure			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			• Use of buffer zones around sensitive receptors • Appropriate demarcation and recording • Horizon will implement a monitoring programme for non- native species. This will include observational surveys of working areas by a suitably qualirfied ecologist. ~~on structures that may provide suitable substrate for non-native species~~. Surveys will record presence/abundance of non- native species and will be reported in a format to be agreed with NRW. ~~with reporting in agreement with Natural Resources Wales (NRW).~~ An initial pre-construction survey will be undertaken, and regular surveys will begin once construction commences. Monitoring survey requirements for specific sites are set out in the sub-CoCPs where relevant. Where new presence of INNS is discovered, Biosecurity Risk Assessments and Method Statements will be reviewed and amended where necessary. Early detection increases the likelihood of successful			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			containment and the potential for full eradication. The frequency and extent of monitoring will reduce over time, particularly once significant construction activities are underway and/or near completion. The ongoing requirement for monitoring will be regularly reviewed and agreed with NRW. ~~Wherever appropriate, workers will be given an activity specific tool-box talk from an ECoW.~~ ~~This will include photographs of any INNS species known to be present on a site.~~			
Welsh Language Impact Assessment (WLIA)						
0073	Welsh Language Impact Assessment	There is a need for co-ordination of the measures in the Welsh language and culture mitigation and enhancement strategy	Horizon will appoint a Welsh Language and Culture Co- Ordinator (WLCC) to focus on the development and implementation of Welsh language and culture mitigation and enhancement measures during construction and operation ofWylfa Newydd.	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0074	Welsh Language Impact Assessment	Ensure Welsh language workforce skills are considered and valued by HNP during the Wylfa Newydd project	Horizon will assess the Welsh language skills requirements for job roles when developing construction and operational job profiles at Wylfa Newydd. This assessment will be based on a Welsh language skills competency framework and assessment tool to be developed by Horizon. The level of Welsh language skills required for each post will be recorded as part of the recruitment process and included within the job profile.	Pre-construction and pre-operation	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Additional
0075	Welsh Language Impact Assessment	Ensure Welsh language workforce skills are considered and valued by HNP during the Wylfa Newydd project	Horizon will ensure a Welsh-speaking member of staff is included on interview panels for jobs where candidates are required to have Welsh language skills so that the candidate's linguistic skills can be properly assessed.	Construction; ongoing	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0076	Welsh Language Impact Assessment	Increase the likelihood of Welsh speakers applying for posts at Wylfa Newydd	Horizon will distribute, on a regular basis, information on career opportunities at Wylfa Newydd to local communities and young people including the bilingual Wylfa Newydd 'Career Route Maps' and Job Profiles. Horizon will develop role model activities and resources to encourage awareness of career opportunities within the community Welsh-speaking Horizon staff (including Welsh-learners) and local suppliers will be involved and front these 'role model' activities and resources such as case study video clips, written materials, presentations in schools.	Construction; ongoing	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Additional
0077	Welsh Language Impact Assessment	Increase the likelihood of Welsh speakers applying for posts at Wylfa Newydd	As part of its recruitment strategy, Horizon will ensure all available job opportunities are advertised through recruitment channels that target a Welsh-speaking audience. This will include the Wylfa Newydd Employment & Skills Service as well as other local and national partners that engage with a Welsh- speaking audience. All job advertisements will be posted in English and Welsh.	Construction; ongoing	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0078	Welsh Language Impact Assessment	Demonstrate HNP commitment to Welsh language and culture and increase the visibility of the Welsh language at Wylfa Newydd	Horizon's Welsh language policy to be updated on an annual basis to include details on what types of internal communications will be made available bilingually.	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Additional
0079	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 (Application Reference Number: 8.6) Wylfa Newydd CoOP (Application Reference Number: 8.13)	Additional
0080	Welsh Language Impact Assessment	Ensure Welsh language workforce skills are valued by HNP	Horizon will develop and adopt a Welsh language skills competency framework and a Welsh language skills assessment tool for recruitment processes. Horizon will provide relevant recruitment managers with training to use tools to determine the language requirements of construction and operational roles.	Pre-construction; ongoing	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0081	Welsh Language Impact Assessment	There is a need to mitigate the impact of non-Welsh speaking workers moving to the KSA and ensure that they are aware of the Welsh language and culture when applying for posts at Wylfa Newydd. There is also a need to enhance the positive impacts on employment by ensuring that Welsh speakers are aware that their linguistic skills will be valued by Horizon.	Horizon will distribute information to contractors and all personnel on the Welsh language and culture as part of recruitment materials. This will include a general statement on the value Horizon places on Welsh language skills, the level of skills required for a post as well as background information on the Welsh language.	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1) WMS (Application Reference Number: 8.5)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0082	Welsh Language Impact Assessment	There is a need to ensure that suppliers are aware of the situation of the Welsh language and culture in the KSA and Horizon's Welsh language policy.	Horizon will include Welsh Language information requirements as an agenda item for all contractor meetings. Horizon will provide information on their Welsh language capacity, Horizon's Welsh Language Policy and obligations, and how contractors will adhere to Horizon's Welsh language policy (i.e. through recruitment processes and internal and external communications).	Pre-construction; ongoing	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional
0083	Welsh Language Impact Assessment	Increase the opportunities for local companies (who are more likely to employ Welsh speakers) to compete for work at Wylfa Newydd.	Horizon will ensure Menter Newydd and suppliers in all tiers are provided with information on, and encouraged to use, local suppliers. Horizon's suppliers will be provided with the business database being developed by IACC, other local authorities, North Wales Economic Ambitions Board and Welsh Government in order to raise awareness of local suppliers.	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional

0084	Welsh Language Impact Assessment	There is a need to mitigate the impact of non-Welsh speaking workers moving to the KSA and ensure that they are aware of the Welsh language and culture. There is also a need to enhance the positive impacts on employment by ensuring that Welsh speakers are aware that their linguistic skills will be valued and, where relevant, developed. As the number ofworkers from outside the KSA increases, there is also a need to Increase the visibility of Welsh-speakers to	Horizon will provide language and culture awareness training to all construction and operational staff and require staff to demonstrate linguistic courtesy and awareness of Horizon's Welsh language corporate policy. Horizon will also develop a programme of Welsh language training at different levels for Horizon Wylfa Newydd construction and operational staff where this is a relevant requirement within a post. Horizon will establish a Welsh language mentoring scheme for learners. Horizon will maintain their Welsh speaker 'badge' scheme as well as ensuring that Menter Newydd and suppliers in all tiers also operate such as scheme. Horizon will collect data on the Welsh language skills of its own workforce and update this on an annual basis. Horizon will encourage staff to take up Welsh language training opportunities.	Construction;ongoing	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional

		encourage the use of the language at Wylfa Newydd				

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0085	Welsh Language Impact Assessment	There is a need to mitigate the impact of non-Welsh speaking workers moving to the KSA on local services, especially education	Horizon will collect aggregate and anonymised data on partners and children moving to the KSA with construction and operational workers and share this data with local authorities. This will take account of data protection considerations but, where possible, include numbers of children, ages and Welsh language skill levels to provide information for education and early years planners. This process may be linked to the Workforce Accommodation Management Service (WAMS) being developed.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4) WMS (Application Reference Number: 8.5)	Additional
0086	Welsh Language Impact Assessment	Increase the likelihood of Welsh speakers applying for posts at Wylfa Newydd	Horizon will continue to develop and provide bilingual educational support (e.g. classroom materials) for primary and secondary pupils as well as further education students	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0087	Welsh Language Impact Assessment	Increase the likelihood of Welsh speakers applying for posts at Wylfa Newydd	Horizon will maintain the Wylfa Newydd apprenticeship scheme and continue to provide the 'Work Insight Week', or an equivalent scheme, to young people	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional
0088	Welsh Language Impact Assessment	There is a need to mitigate the impact of non-Welsh speaking workers moving to the KSA on local services, especially education	Horizon will fund a peripatetic teacher service (pro-rata as detailed below) that would support current immersion education capacity on Anglesey (and potentially Gwynedd if required) across primary and secondary schools. Funding will be available so that two language immersion teachers will be available to work with pupils at the start of the construction. The level of this service will be proportionate to the number of workers that will bring their families and increase or decrease in response to demand. The number of workers bringing families will be carefully monitored through collection of data.	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0089	Welsh Language Impact Assessment	There is a need to mitigate the impact of the inflow of partners and dependents with non-home-based workers from outside KSA on the Welsh language	Horizon will develop and circulate welcome packs to all families of Wylfa Newydd workers who move to the KSA. These will draw on information in the Welsh Government's planned Welcome Packs and will provide information on local services and the community.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional
0090	Welsh Language Impact Assessment	To mitigate the impact of the inflow of non-home-based workers and their families from outside KSA	Horizon will fund provision of community language services (including the development of appropriate training materials) to support the integration of incomers and develop capacity in the local community. This would be linked to the role of the Community Involvement Officers.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0091	Welsh Language Impact Assessment	There is a need to mitigate the impact of non-Welsh speaking workers moving to the KSA on local services, especially education and early years services (e.g. childcare, nursery, pre-school services)	Horizon will engage and facilitate ongoing dialogue with IACC, Gwynedd Council, Mudiad Meithrin (Welsh-medium early years representative body) and Menter Iaith Môn to discuss the inflow of pre-school age children and the impact on local Welsh-medium provision and measures to mitigate this impact. As part of this dialogue, Horizon will monitor, on an ongoing basis, the number of workers bringing families, including those of pre-school age. This data will be used to identify the appropriate mitigation required to mitigate the effect on Welsh- medium provision.	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional
0092	Welsh Language Impact Assessment	To mitigate the impact of the inflow of non-home-based workers and their families from outside KSA	Horizon to help fund a community translation service (where relevant to Horizon Wylfa Newydd) to enable local organisations to provide simultaneous translation facilities for community groups. This will assist local community groups to effectively engage and discuss issues relating to the Wylfa Newydd Project. The details will be established pre- construction.	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0093	Welsh Language Impact Assessment	To mitigate and enhance the impact of Wylfa Newydd on the Welsh language and culture	Horizon will establish a management group which will have oversight of and be accountable for the delivery of this Welsh Language and Culture Mitigation and Enhancement Strategy, as well as Horizon's Corporate Welsh language policy and Action Plan	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional
0094	Welsh Language Impact Assessment	To mitigate and enhance the impact of Wylfa Newydd on the Welsh language and culture	Horizon will establish and chair an external stakeholder group (Welsh Language and Culture Coordinator) to monitor the implementation of the Welsh Language and Culture Mitigation and Enhancement Strategy and provide advice on its delivery	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional
0095	Welsh Language Impact Assessment	There is a need to evaluate the Strategy and the actual impact of Wylfa Newydd on the Welsh language.	Horizon will complete an evaluation of the impact of Wylfa Newydd on the Welsh language in the KSA overseen by the external stakeholder group	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0096	Welsh Language Impact Assessment	To mitigate and enhance the impact of Wylfa Newydd on the Welsh language and culture	Horizon will implement the Welsh Language and Culture Mitigation and Enhancement Strategy prior to and throughout the construction period of the Project. Horizon will monitor and report on compliance with the Welsh Language and Culture Mitigation and Enhancement Strategy every six months to the Management Group and the strategy will reviewed on an annual basis.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional
Health Impact Assessment (HIA)						

0097	Health Impact Assessment	Improve governance and community confidence	Horizon will establish and chair an external stakeholder group (hereafter Health and Well-being engagement sub-group) that will include members of the health and emergency services to monitor the implementation of the HIA mitigation strategy and provide advice on its delivery. When appropriate Horizon would facilitate bespoke analysis of routinely collected public health data (existing indicators), relevant to the Wylfa Newydd Project. The information would inform discussion by the Health and Well-being Monitoring Group. If appropriate the Group will discuss the need for additional mitigation or follow-up investigation. To facilitate this process, a set of key topics and indicators will be agreed. The topics will be expected to include the following: 1. Access to community healthcare services; 2. Respiratory health; 3. Accident hotspots; 4. Sleep disturbance; 5. Housing market pressures; 6. Recruitment rates from local communities; 7. Safeguarding [with regard to vulnerable adults and children; and	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional

			8.Community lifestyles, behaviour, including community cohesion, and physical activity levels.			

1053	Health ImpactAssessment	Improve governance and community confidence	Horizon will appoint bi-lingual Community Involvement Officer(s) (CIO) to develop and implement many of the HIA mitigation measures during construction and operation of Wylfa Newydd. The CIO will be a key interface between the local community, key stakeholders and Horizon management.The CIO will be involved with implementation of HIA measures as well as relevant ES, WLIA and EqIA mitigation. Responsibilities will include the facilitation and implementation of mitigation in the following areas during construction and operation.1. Health and wellbeing in the local community2. Developing a sensitive lettings policy - incorporated in the Construction Worker Accommodation Management Service (CWAMS).The CIO will also interface in related areas such asi. Supporting cultural initiatives to enhance and celebrate local identity.ii. Promotion of education, upskilling, training and local employment opportunities, including support for young people from disadvantaged backgrounds.iii. Providing information about planned PROW diversions to local communities including the use of bi-lingual information boards.iv.	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional

			Promoting local walking, cycling, public transport, car sharing, travel planning, leisure facilities and road safety initiativesv. Management of local worker conduct issues.vi. Dissemination of information about construction and operational safety.vii. Providing support and a communication channel for people experiencing elevated levels of emissions or disturbance (nuisance).viii. Providing feedback to the management and monitoring groupsix. Promoting community cohesion.x. Supporting the integration of incomers into host communities.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0098	Health Impact Assessment	Labour churn in the health and social care sector that could reduce the quality or availability of local services	Horizon will support IACC, BCUHB, WAS, NWP and NWFRS in the development of their own Workforce Strategy (to mitigate labour churn within the health and social care sector) Horizon will support the development of these Workforce Strategies through sharing of workforce information, assisting in carrying out any required monitoring, and the provision of an appropriate financial contribution and/or support to the IACC and BCUHB for officer time within those organisations	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional
0099	Health Impact Assessment	Education and training: Upskilling local people for skilled construction roles	Through the Jobs and Skills Strategy, and the work of the CIO, Horizon will encourage education in, and recruitment into, professions that are relevant to the Project through the promotion of STEM subjects and related improvements to secondary school infrastructure. This will have indirect benefits to public sector professions that will regulate the Project.	Pre-Construction; construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0101	Health ImpactAssessment	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 toregister any complaints.	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Additional
0102	Health Impact Assessment	Need to plan for healthcare services for construction workforce	Horizon is committed to providing appropriate Occupational Health and Hygiene services for the construction and operational workforce. This would be completed in agreement with BCUHB and PHW where appropriate	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional
0103	Health Impact Assessment	Need to plan for healthcare services for construction workforce	Horizon is committed to making appropriate healthcare provision or contributions to meet the medical and healthcare needs of the construction workforce.	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional

0104	Health Impact Assessment	Need to plan for emergency services for construction workforce	Horizon is committed to providing appropriate provision of emergency services for the construction workforce. An appropriate financial contribution would be considered for the emergency services for the needs of the construction workforce. Reporting to be agreed. • Discussions will be initiated with the WAS to ensure that the Project's requirements are aligned with the expectations and capacity of the NHS ambulance service. Worker data would be monitoried and service levels amended accordingly. The level of contribution will be proprotionate to the number of workers and increase or decrease in response to demand. The demand expected throughout the construction period will be monitored and data shared with emergency service providers in order to establish likely demand levels. • Paramedic services would be provided in the Wylfa Newydd Development Area. There would be competent emergency response for the main site, providing initial trauma care and minor injury treatment ahead of ambulance or helicopter transfer to hospital. Exact levels of staffing would	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional

			be confirmed, but there would be at least one qualified paramedic across typical site working hours and this may be increased at peak times. • One ambulance would be based in the Wylfa Newydd Development Area for dedicated use by the Wylfa Newydd Project for emergency transfer on-site only. The ambulance would be located so as to ensure timely access to the whole of the construction site. It is anticipated that any transfer to hospital for emergency treatment would be by NHS emergency ambulance services.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0105	Health ImpactAssessment	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 (Application Reference Number: 8.5)	Additional
0106	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 (Application Reference Number: 3.1)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0107	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 (Application Reference Number: 8.6) DCO requirement, Draft Development Consent Order (Application Reference Number: 3.1)	Good practice
0108	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 (Application Reference Number: 8.5)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0109	Health Impact Assessment	Code of Conduct	As part of the Workforce Management Strategy (Application Reference Number: 8.5) 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 (Application Reference Number: 8.5)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0110	Health ImpactAssessment	Encourage use of the Worker Accommodation Management Service, facilitate housing updates to all construction workers and allow monitoring of the number ofworkers 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	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4) WMS (Application Reference Number: 8.5)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0111	Health Impact Assessment	Safeguarding with particular focus on children, young people and adults at risk from abuse.	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 (Application Reference Number: 8.5)	Additional

0112	Health ImpactAssessment	1) Process for agreeing Health Services	1. Horizon will prepare, in consultation with BCUHB and WAST and PHW and the wider local health economy, a specification for health services (on- and off-site) – to includea. On-site – facility and services:i. Occupational Health and Hygiene;ii. Primary Care;iii. Minor injuries;b. Off-site – financial contribution:i. Emergency care;ii. Secondary care.2. Horizon to issue tender documents for the provision of health services (on-site) and for integration with the local health economy based on the specifications in step 1;3. Horizon to appoint a provider for health services (on-site)and for integration with the local health economy;4. Horizon to negotiate S106 agreements for any necessary off- site provisions; and5. Horizon to work with both the appointed provider and the relevant stakeholders to develop a strategy that scales to workforce numbers and includes:a. implementation timeframes (including pre-workforce arrival);b. a detailed on-site facility design;c. a recruitment strategy for healthcare staff;d. provision for on-site service delivery; ande. defined responsibilities and protocols where NHS (and other parts	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional

			of the local health economy) cross-over/hand- over/integrate with the services provided on-site.TimelineSteps 1 to 4: planned for prior to DCO determination. Step 5: as soon as reasonably practicable following DCO determination.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
113	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 (Application Reference Number: 8.6)	Additional
Equality Impact Assessment (EQIA)						
1066	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	Construction	Phasing Strategy (Application Reference Number: 8.29)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			to avoid exacerbation of congestion at peak times.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1067	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 Construction Traffic Management Strategy (CTMS) which would be secured through the Wylfa Newydd CoCP and would mitigate emissionsfrom 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 numberof 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 (Application Reference Number: 8.6) Main Power Station Site sub- CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1068	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 (Application Reference Number: 8.6)	Additional

1069	Equality Impact Assessment, 7.2.7	Noise and Air Quality	A comprehensive air quality monitoring and reporting scheme that would be developed in discussion with the IACC and NRW, including agreement of thresholds and additional achievement criteria to ensure compliancewith the appropriate environmental standards. In order to achieve the appropriate environmental standards, the scheme would implement arange of measures, such as those described below.- A fleet mix that would include newer NRMM complying with the EU Stage IV NRMM emissions standards (i.e. plant generally manufactured after 2014), which emit 80% less NOx than Stage IIIBplant.- Active and ongoing management of the plant and machinery operating in close proximity to the key exceedance areas where an impact is predicted.- Use of continuous NO2 monitoring to track compliance against the Air Quality Objectives and mitigation objectives, including appropriate feedback mechanisms to ensure the emissionsmanagement scheme can be adapted to respond to measured exceedances or elevated concentrations. The continuous monitoringwould be supplemented with passive NO2 diffusion tube monitoring	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

			at a greater number of locations to track the changes in annual meanNO2 concentrations.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1074	Equality Impact Assessment, 7.2.9	Noise and Air Quality	The Wylfa Newydd CoOP (Application Reference Number: 8.13) 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 (Application Reference Number: 8.6)	Good practice
1075	Equality Impact Assessment, 7.3.1	Employment and Skills	To ensure that the local community and economy benefits from the opportunities created by the Wylfa Newydd DCO Project, a Jobs and Skills Strategy (Application Reference Number: 8.3) has been developed to support the efficient construction of the Wylfa Newydd DCO Project and deliver a legacy for the local economy of a higher skilled, higher productivity workforce.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1076	Equality Impact Assessment, 7.3.1	Employment and Skills	The Strategy includes the setting up of the Wylfa Newydd Employment and Skills Service which would be secured through a s106 legal agreement.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional
1077	Equality Impact Assessment, 7.3.1	Employment and Skills	The Jobs and Skills Strategy (Application Reference Number: 8.3), and specifically the Wylfa Newydd Employment and Skills Service as part of that, would seek to recruit local employees, and train and upskill both new entrants and others from Anglesey, Gwynedd, Conwy and Denbighshire. The Strategy has the potential to alleviate deprivation, eliminate discrimination and advance equal opportunities by “helping to tackle unemployment” and “widening employment and skills opportunities for women, disabled people, BAME and all underrepresentedgroups in the construction and engineering sectors” Jobs and Skills Strategy (Application Reference Number: 8.3)	Construction	S106, Draft Heads of Terms for Planning Obligations (Application ReferenceNumber: 3.4)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1078	Equality Impact Assessment, 7.3.2	Employment and Skills	The Strategy sets out Horizon's approach to recruitment and training including the provision of school engagement, apprenticeships and a graduate development scheme. Horizon is currently and, subject to approval of the DCO, will continue to actively engage with education providers across the Isle of Anglesey and Gwynedd at primary, secondary, further and higher level education. A memorandum of understanding is in place with Coleg Menai (for whom Horizon would provide sponsorships for selected students at A-level who are studying science, technology, engineering and maths subjects) and with Bangor University (covering employability, joint activity in education, sponsorships and sponsored research).	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1079	Equality Impact Assessment, 7.3.3	Employment and Skills	Horizon recognises that by increasing the numbers of school leavers qualified and motivated to go onto further education or work at the Power Station, Horizon can ensure that its workforce more accurately reflects the makeup of its community and engages with the local youth. As such, Horizon currently has a programme of engagement with schools which involves attending careers fairs, assisting with mock interviews, delivering talks, and skills events and apprenticeships awareness sessions. It also has launched the Primary Outreach Programme to the Isle of Anglesey schools in order to develop key employability skills, such as team work, problem solving and communication, as well as raising awareness of future opportunities available to them by studying science, technology, engineering and maths subjects at school.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1080	Equality Impact Assessment, 7.3.4	Employment and Skills	Horizon would also offer apprenticeships to upskill and maximise employment opportunities to the local community. Around one-third of the operationalworkforce would be required to be skilled to technician level, making the apprenticeship route an important entry point to a career at Wylfa Newydd.Horizon would work with Grŵp Llandrillo Menai and industry skills bodies to develop a broad range of apprenticeships which would provide opportunitiesfor training and employment to young people, the long-term unemployed and women, disabled people and BAME communities.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application ReferenceNumber: 3.4)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1081	Equality Impact Assessment, 7.3.5	Employment and Skills	Furthermore, the strategy, and specifically the Wylfa Newydd Employment and Skills Service, would provide a brokerage service to backfill vacant posts, thereby supporting businesses whose workers have moved on to the Wylfa Newydd DCO Project12. This would minimise any adverse effects on the local economy as a result of people leaving their existing jobs to work on the Wylfa Newydd DCO Project. Additionally, Horizon would support the IACC and BCUHB to develop their own Workforce Strategy and this would include provision for monitoring. This would be achieved via liaison by Horizon (e.g. sharing of workforce information) and the provision of an appropriate financial contribution and/or support to the IACC and BCUHB for officer time within those organisations to develop this cross-sectoral Workforce Strategy.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1082	Equality Impact Assessment, 7.3.6	Employment and Skills	Horizon would continue to work with its joint venture partner, Menter Newydd, to raise awareness of the Wylfa Newydd DCO Project and the business development opportunities that it presents, with the focus on local (Isle of Anglesey) and regional (north Wales) businesses. To this end, Horizon will establish and maintain an online Supply Chain Service Portal to engage with local supply chain and maximise opportunities for local people.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional
1084	Equality Impact Assessment, 7.6.1	Community Cohesion	Workforce Management Strategy (Application Reference Number: 8.5) – 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	Construction	Workforce Management Strategy (Application Reference Number: 8.5)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			whilst employed on the Wylfa Newydd DCO Project.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1085	Equality Impact Assessment, 7.6.1	Community Cohesion	Worker Accommodation Management Service (WAMS) – in addition to providing 4,000 bed spaces of Temporary Worker Accommodation at the Site Campus, Horizon and the IACC have agreed to establish a Worker Accommodation Management Service which, through an online Portal, would manage the distribution of workers, matching those seeking accommodation with accommodation providers. Horizon would work with accommodation providers to ensure there is a sufficient supply of appropriate accommodation that workers can use that is affordable, of a high enough standard and in the right locations. It will also mean collecting monitoring data and reporting on it to stakeholders and using that data to help guide workers' choices and avoid adverse impacts on local communities, including facilities and services.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1086	Equality Impact Assessment, 7.6.1	Community Cohesion	Housing Fund – as part of the Workforce Accommodation Strategy, Horizon has proposed a Housing Fund which could be used to provide support to boost the supply of housing, including affordable housing, and Private Rented Stock (PRS) in the local area; provide support for residents needing access to housing services; and boost enforcement of planning and licensing policies.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional
1087	Equality Impact Assessment, 7.6.1	Community Cohesion	Policing services – Horizon is working with the North Wales Police service to identify appropriate mitigation in relation to policing services.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional
1088	Equality Impact Assessment, 7.6.1	Community Cohesion	Community Involvement Officer – a Community Involvement Officer will be appointed across dedicated geographical areas of responsibility to liaise with local communities during the construction phase and to take effective action to deal with any complaints.	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Additional

1089	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 theimmediate local communities, businesses and representatives of local groups. The purpose of the Community Liaison Group is to exchangeinformation 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 ofthe 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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Additional

			mitigating the local construction effects.			

1090	Equality Impact Assessment, 7.6.1	Community Cohesion	A Welsh Language and Culture Mitigation and Enhancement Strategy (WLCMES) for the Wylfa Newydd DCO Project is provided in the WLIA (appendix B4-1, Application Reference Number: 8.21) and will be implemented throughout the construction period of the Wylfa Newydd DCO Project and reviewed annually. It would include the following measures. - Funding for community language services – to mitigate the impact of the increased number of non-Welsh speakers on the community and local services, Horizon would fund the provision of community language services (including the development of appropriate training materials) to support the integration of incomers and develop capacity in the local community. - Where additional impacts on education services are identified, as a result of the influx of non-Welsh speaking school children, Horizon would fund a peripatetic teacher service that would support current Welsh language immersion capacity on the Isle of Anglesey (and potentially Gwynedd if required) across primary and secondary schools. The level of	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional

			this service would be proportionate to the number of workers that would bring their families. This would help to enable children moving to the area to participate in Welsh-medium educational provision and help mitigate the impact on Welsh language use in schools. - Horizon would engage and facilitate ongoing dialogue with the IACC, Gwynedd Council, Mudiad Meithrin (Welsh-medium early years representative body) and Menter Iaith Môn to discuss the inflow of pre-school age children and measures to mitigate the impact on local Welsh-medium provision. - Horizon will distribute bilingual information on career opportunities to local communities and young people and develop role model activities fronted by Horizon staff and local suppliers.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1091	Equality Impact Assessment, 7.6.2	Community Cohesion	Horizon would appoint a bilingual Community Involvement Officer who will be responsible for facilitating and co-ordinating a series of ongoing regular communication meetings with key stakeholders and local communities, tokeep all stakeholders informed of issues arising throughout the operation of the Wylfa Newydd DCO Project. This will include consultation with groupsrepresenting people with protected characteristics.	Operation	Wylfa Newydd CoOP (Application Reference Number: 8.13)	Additional
1092	Equality Impact Assessment, 7.6.3	Community Cohesion	Horizon will also set up a management group to have oversight of/be accountable for the delivery of WLCMES outlined within the Wylfa Newydd CoOP (Application Reference Number: 8.13). Furthermore, Horizon will establish and chair an external stakeholder group to monitor the implementation and provide advice on delivery of the WLCMES.	Operation	Wylfa Newydd CoOP (Application Reference Number: 8.13)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1093	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, 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 (Application Reference Number: 8.29)	Embedded
1094	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	Workforce Management Strategy (Application Reference Number: 8.5)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1095	Equality Impact Assessment, 7.5.3	Community Infrastructure and public services	Horizon is also committed to providing appropriate provision of emergency services for the construction workforce. An appropriate financial contribution would also be considered for the emergency services, for example Welsh Ambulance Service, for the needs of the construction workforce.	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional
1096	Equality Impact Assessment, 7.5.4	Community Infrastructure and public services	Paramedic services would be provided on the Wylfa Newydd Development Area to deliver a competent emergency response providing initial trauma care and minor injury treatment ahead of ambulance or helicopter transfer to hospital. One ambulance would be based in the Wylfa Newydd Development Area for dedicated use by the Wylfa Newydd DCO Project for emergency transfer on-site only.	Construction	WNCoCP	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1097	Equality Impact Assessment, 7.5.5	Community Infrastructure and public services	The Community Impact Fund would be set up and then manged by a committee consisting of representatives from Horizon, the IACC and the local community. Draw down of funds would be subject to the satisfaction of a number of conditions which are yet to be agree among the relevant parties. The remit of the fund would include the provision of funding to offset additional costs resulting from non-significant effects identified through monitoring, including:• leisure services, should monitoring by providers identify significant additional demand that is not already funded via other mechanisms;• schools, where localised issues arise as a result of applications being made for places in schools at capacity (as evidenced by IACC);• impacts on open space and recreational resources; and• unforeseen impacts arising from the presence of the construction workforce.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application ReferenceNumber: 3.4)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1098	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 (Application Reference Number: 8.29)	Embedded
1099	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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			will also be managed to provide a regular flow of vehicles along the A5025.			
1105	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 andappropriate, to ensure that pedestrians are able to maintain necessary access without coming into conflict with construction activities or other obstacles.	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1106	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 (Application Reference Number: 8.6)	Good practice
1108	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 (Application Reference Number: 8.13)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1112	Equality Impact Assessment, 8.3.1	Adverse equality effects	Where monitoring data indicate that additional mitigation may be required to address equality effects on people with protected characteristics, an application would be made to the Community Impact Fund. The Community Impact Fund specifically allows for provision for mitigation of equality effects arising after all other embedded, good practice and additional mitigation has been implemented. The fund will be managed by an oversight board which would be responsible for the allocation of resources.	Additional	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 3.4)	Additional

Table 1-2 Site Specific Mitigation – WNDA Development

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
Environmental Impact Assessment (EIA)						
Volume D, Socio-economics						
0114	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 (Application Reference Number: 3.1) and Phasing Strategy (Application Reference Number: 8.29)	Embedded
0115	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 - (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0116	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 (Application Reference Number: 8.6) WMS (Application Reference Number: 8.5)	Embedded
0117	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 (Application Reference Number: 8.6) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0118	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 (Application Reference Number: 8.16)	Embedded
0119	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 (Application Reference Number: 8.6) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0120	Chapter D3, 3.4.18 (Application Reference Number: 6.4.3)	Visual amenity (community amenity)	The Landscape and Habitat Management Strategy (Application Reference Number: 8.16) 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 (Application Reference Number: 8.16)	Good practice
0121	Chapter D3, 3.4.19 (Application Reference Number: 6.4.3)	Supply Chain Action Plan	All construction services required as part of the WNDA Development would be procured and undertaken in accordance with Horizon's Supply Chain Charter and Action Plan.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0122	Chapter D3, 3.4.25 (Application Reference Number: 6.4.3)	Workforce Management Strategy (WMS)	The WMS (Application Reference Number: 8.5) 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 (Application Reference Number: 8.5) 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 (Application Reference Number: 8.5) S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Good practice
0123	Chapter D3, 3.4.32 (Application Reference Number: 6.4.3)	Community amenity	The Wylfa Newydd CoOP (Application Reference Number: 8.13) 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 (Application Reference Number: 8.13)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0124	Chapter D3, 3.6.3, table D3-6 (Application Reference Number: 6.4.3)	Local neighbouring communities.	The Community Impact Fund will be utilised to mitigate effects to local recreational resources and open spaces, and for unforeseen effects arising as a result of the presence of the workforce in the area, including effects on people/groups with protected characteristics. The fund will be managed by a committee consisting of representatives from Horizon, IACC and the local community. Draw-down of funds would be subject to satisfaction of a number of conditions. These are yet to be agreed with relevant parties.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Additional
0125	Chapter D3, 3.6.3, table D3-6 (Application Reference Number: 6.4.3)	Tourism sector	The provision of a Tourism Fund by Horizon will serve to address any material effects which could arise on the sector as a result of the Wylfa Newydd Project. This fund will seek to ensure that the perceived impacts on the local tourism sector can be moderated using positive mechanisms to develop existing and new forms of tourism.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Additional
Volume D, Public Access and Recreation						

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0126	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 (Application Reference Number: 8.16), the Right of Way Plans (Application Reference Number: 2.4) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Embedded
0127	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 (Application Reference Number: 8.7)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0128	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 (Application Reference Number: 8.16), Right of Way Plans (Application Reference Number: 2.4) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Embedded
0129	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 (Application Reference Number: 8.7)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0130	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 (Application Reference Number: 8.29) and ES Volume D - WNDA Development App D1-1 - Construction Method Statement (Application Reference Number: 6.4.17)	Embedded
0131	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 (Application Reference Number: 8.7) and Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0132	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 (Application Reference Number: 8.7) and Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice
0133	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	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7).	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			leaves the temporary visitor viewing area and as the WCP diversion link connects to Cemaes.			
0134	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 (Application Reference Number: 8.7).	Good practice
0135	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 (Application Reference Number: 8.16)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0136	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 (Application Reference Number: 8.16) and the Right of Way Plans (Application Reference Number: 2.4)	Embedded
0137	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 (Application Reference Number: 8.16) and the Right of Way Plans (Application Reference Number: 2.4)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0138	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 (Application Reference Number: 8.16)	Embedded
0139	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 (Application Reference Number: 8.16)	Embedded
0140	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 (Application Reference Number: 8.13)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0141	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 (Application Reference Number: 8.16)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0142	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 (Application Reference Number: 3.1)	Good practice
0143	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 (Application Reference Number: 3.1)	Good practice
0144	Chapter D4, table D4-3 (Application Reference Number: 6.4.4)	Effect on walkers using the existing PRoW network outside the Wylfa Newydd Development Area.	Payment to IACC for them to spend on improving other PRoW in the vicinity of the site as an overall improvement to the PRoW network beyond the Wylfa Newydd Development Area during construction. This would enable improvements to the existing PRoW network outside the Wylfa Newydd Development Area to reduce the impact of the closure of PRoWs within Wylfa Newydd Development Area.	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0145	Chapter D4, table D4-3 (Application Reference Number: 6.4.4)	Effect on cyclists using the Copper Trail.	Payment to IACC for re-publishing of Sustrans Copper Trail leaflet, payment to update maps from existing route to the new route, and payment for new signage for the diverted trail. This would help to reduce the impact of the proposed Copper Trail diversion on cyclists using the route.	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Additional
1113	New Mitigation- Managing public access at Wylfa Head	New mitigation proposed as a result of ongoing SoCG discussions - The Landscape and Habitat Management Strategy previously had limited details on the issue. This will be picked up by the ES Addendum at a suitable point in the Examination	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 (Application Reference Number: 8.16)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
Volume D, Air Quality						
0146	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 (Application Reference Number: 8.7) and ES Volume D - WNDA Development App D1-1 - Construction Method Statement (Application Reference Number: 6.4.17)	Embedded
0147	Chapter D5, 5.4.9 (Application Reference Number 6.4.5)	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.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0148	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 (Application Reference Number: 8.6), Main Power Station Site sub-CoCP (Application Reference Number: 8.7) and Marine Works sub-CoCP (Application Reference Number: 8.8). 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 (Application Reference Number: 8.6), Main Power Station Site sub-CoCP (Application Reference Number: 8.7) and Marine Works sub-CoCP (Application Reference Number: 8.8).	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0149	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 (Application Reference Number: 8.7)	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0150	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 (Application Reference Number: 8.6), Main Power Station Site sub CoCP (Application Reference Number: 8.7) and Marine Works sub-CoCP (Application Reference Number: 8.8). 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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6), Main Power Station Site sub-CoCP (Application Reference Number: 8.7) and Marine Works sub-CoCP (Application Reference Number: 8.8).	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			SSSI. ~~These inspections could be extended to the other ecological sites of lower sensitivity as required.~~			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0151	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	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			expected to generate excessive odours. Mitigation measures are set out in Main Power Station Site sub-CoCP (Application Reference Number: 8.7).			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0152	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 - Power Station Site (Application Reference Number: 8.2.2)	Embedded

0153	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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Good practice

			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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0154	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 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 (Application Reference Number: 8.7) and Marine Works sub-CoCP (Application Reference Number: 8.8).	Embedded
0155	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 (Application Reference Number: 8.6).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice
0156	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 (Application Reference Number: 8.13)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0157	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 (Application Reference Number: 8.13)	Good practice

0158	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 acheive 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~~	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7) and Marine Works sub-CoCP (Application Reference Number: 8.8)	Additional

			~~Power Station Site sub-CoCP (Application Reference Number: 8.7), 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 (Application Reference Number: 8.7~~).			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0159	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 (Application Reference Number: 3.1)	Good practice
Volume D, Noise and vibration						
0160	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 (Application Reference Number: 8.29) and ES Volume D - App D1-1 - Construction Method Statement (Application Reference Number: 6.4.17)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0161	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 (Application Reference Number: 8.29) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0162	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 (Application Reference Number: 8.6)	Good practice
0163	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0164	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 (Application Reference Number: 8.6)	Good practice
0165	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 (Application Reference Number: 8.6)	Good practice
0166	Chapter D6, 6.4.31 (Application Reference Number: 6.4.6)	Construction noise and vibration effects from Wylfa Newydd	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
		Development Area activities.				
0167	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 (Application Reference Number: 8.6)	Good practice
0168	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 (Application Reference Number: 8.6)	Good practice
0169	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0170	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 (Application Reference Number: 8.6)	Good practice
0171	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 (Application Reference Number: 8.6)	Good practice
0172	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0173	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 (Application Reference Number: 8.6)	Good practice
0174	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 (Application Reference Number: 8.6)	Good practice
0175	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 (Application Reference Number: 8.6)	Good practice
0176	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 (Application Reference Number: 8.6)	Good practice

0177	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 (Application Reference Number: 8.6) and summarised below. · Noise and vibration monitoring procedures, including equipment specification, locations, durations, trigger action levels and reporting requirements. · Blasting control procedures,	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

			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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0178	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 (Application Reference Number: 8.29), Main Power Station Site sub-CoCP (Application Reference Number: 8.7) and ES Volume D - App D1-1 - Construction Method Statement (Application Reference Number: 6.4.17)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0179	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 (Application Reference Number: 8.7). As part of the s61 process, blasting times will be communicated to the local community in advance.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0180	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 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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0181	Chapter D6, 6.4.47 (Application Reference Number: 6.4.6)	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 (Application Reference Number: 8.7) and the Marine Works sub-CoCP (Application Reference Number: 8.8).	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7) Marine Works sub-CoCP (Application Reference Number: 8.8).	Good practice
0182	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 (Application Reference Number: 8.13)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0183	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 (Application Reference Number: 8.13)	Good practice

0184	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.	Operation	Wylfa Newydd CoOP (Application Reference Number: 8.13)	Good practice

			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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0185	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 (Application Reference Number: 8.29) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0186	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 (Application Reference Number: 8.7). 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 (Application Reference Number: 8.29). 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 (Application Reference Number: 8.29) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0187	Chapter D6, table D6-32 (Application Reference Number: 6.4.6)	Construction noise at properties near to mounds B of the Wylfa Newydd Development Area.	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 (Application Reference Number: 8.29), and in such a way that none of the dwellings in Tregele are regularly subject to noise levels 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 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 (Application Reference Number: 8.7).	Construction	Phasing Strategy (Application Reference Number: 8.29) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0188	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 (Application Reference Number: 8.6)	Additional

0189	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 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	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

			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.~~			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0190	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0191	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 2 - Power Station Site (Application Reference Number: 8.2.2)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0192	Chapter D6, table D6-32 (Application Reference Number: 6.4.6)	Construction noise effects on Cemaes Primary School from Wylfa Newydd Development Area activities.	Potential significant adverse residual noise effects due to construction noise from the WNDA Development have been identified for Cemaes Primary School. Horizon is committed to liaising with the primary school to identify practical mitigation measures to reduce or manage these residual effects. These measures could include the installation of noise insulation measures to reduce noise levels within teaching spaces and/or the provision of additional teaching resources. Funding would be made available through the Community Impact Fund to implement agreed mitigation measures.	Construction	S106, Draft Heads of Terms for Planning Obligations Application Reference Number: 8.1)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0193	Chapter D6, table D6-32 (Application Reference Number: 6.4.6)	Construction noise effects on Eglwys Sant Padrig Church from Wylfa Newydd Development Area activities.	Potential significant adverse noise effects due to construction noise from the WNDA Development have been identified for Eglwys Sant Padrig Church in Cemaes. Horizon is committed to identifying practical mitigation measures to reduce or manage these adverse effects. These measures could include installation of noise insulation to reduce noise levels within the church, however the cultural heritage effects of any noise insulation measures must be considered. Alternative measures, such as provision of a speech amplification system, will also be considered. Funding will be made available through the Community Impact Fund to implement the agreed mitigation measures.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Additional
1114	New Mitigation - Good practice noise measures	Reiterating a good practice mitigation measure. This will be picked up by the ES Addendum at a	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.	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
		suitable point in the Examination				
Volume D, Soils and Geology						
0194	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 (Application Reference Number: 8.2.2)	Embedded
0195	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 (Application Reference Number: 8.7)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0196	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 (Application Reference Number: 8.6). 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 (Application Reference Number: 8.6)	Good practice
0197	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0198	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 (Application Reference Number: 8.6)	Good practice
0199	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0200	Chapter D7, 7.4.20 (Application Reference Number: 6.4.7)	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], 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 (Application Reference Number: 8.6)	Good practice

0201	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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

			placed beneath topsoil; and • appropriate decompaction measures would be undertaken during reinstatement for topsoils, subsoils and their receiving substrates, including loosening with ripping equipment.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0202	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 (Application Reference Number: 8.13). 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 (Application Reference Number: 8.13)	Good practice
0203	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0204	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 (Application Reference Number: 8.7)	Additional
0205	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0206	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 (Application Reference Number: 8.13)	Additional
0207	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 (Application Reference Number: 8.13)	Additional

1115	Chapter D7-2, 8.2.2 (6.4.25) (APP-144)	Mitigation not previously secured in the DCO. This will be picked up by the ES Addendum at a suitable point in the Examination 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	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

			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			

1116	Chapter D7-2, 8.2.3 (6.4.25) (APP-144)	Mitigation not previously secured in the DCO. This will be picked up by the ES Addendum at a suitable point in the Examination 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	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

			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.			

1117	Chapter D7-2, 8.2.4 (6.4.25) (APP-144)	Mitigation not previously secured in the DCO. This will be picked up by the ES Addendum at a suitable point in the Examination 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. Known asbestos hotspots will be	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

			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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1118	Chapter D7-2, 8.2.5 (6.4.25) (APP-144)	Mitigation not previously secured in the DCO. This will be picked up by the ES Addendum at a suitable point in the Examination 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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1119	Chapter D7-2, 8.2.7 (6.4.25) (APP-144)	Mitigation not previously secured in the DCO. This will be picked up by the ES Addendum at a suitable point in the Examination 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 (Application Reference Number: 8.7)	Additional
Volume D, Surface Water and Groundwater						

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0208	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 (Application Reference Number: 8.7)	Embedded

0209	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	Construction	Landscape and Habitat Management Strategy (Application Reference Number: 8.16)	Embedded

			being released to various discharge points during the construction period.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0210	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 (Application Reference Number: 8.16)	Embedded
0211	Chapter D8, 8.4.19 (Application Reference Number: 6.4.8)	Reduction in surface water and groundwater quality, and impacts on fluvial geomorphology.	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 (Application Reference Number: 8.29) and Main Power Station Site Sub-CoCP (Application Reference Number: 8.7)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0212	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	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			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).			

0213	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 (Application Reference Number: 8.2.3), 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,	Construction	Design and Access Statement Volume 3 – Associated Developments and Off-Site Power Station Facilities (Application Reference Number: 8.2.3)	Embedded

			swales), in order to reduce potential hydrological effects on the SSSI arising from surface water flows.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0214	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 (Application Reference Number: 8.7)	Embedded
0215	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 (Application Reference Number: 8.6)	Embedded
0216	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 (Application Reference Number: 8.16)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0217	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 (Application Reference Number: 8.16). 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 (Application Reference Number: 8.16)	Embedded
0218	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 (Application Reference Number: 8.16) Design and Access Statement - Volume 2 - Power Station Site (Application Reference Number: 8.2.2)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0219	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 (Application Reference Number: 8.6).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice
0220	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 (Application Reference Number: 8.6).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0221	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0222	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 (Application Reference Number: 8.6).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0223	Chapter D8, 8.4.35 (Application Reference Number: 6.4.8)	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 (Application Reference Number: 8.7): • 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 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	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			designated areas or their special interest features.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0224	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 (Application Reference Number: 8.6)	Good practice
0225	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0226	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 (Application Reference Number: 8.6)	Good practice

0227	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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

			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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0228	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 (Application Reference Number: 8.6)	Good practice
0229	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 (Application Reference Number: 8.6)	Good practice
0230	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 (Application Reference Number: 8.6), where practicable, sustainable methods will be utilised for discharges including site drainage, surface runoff and dewatering discharges.	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0231	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 (Application Reference Number: 8.6) 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 (Application Reference Number: 8.6)	Good practice
0232	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 (Application Reference Number: 8.6) and the Main Power Station Site sub-CoCP (Application Reference Number 8.7).	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0233	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 (Application Reference Number: 8.6), 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 (Application Reference Number: 8.6)	Good practice
0234	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0235	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 (Application Reference Number: 8.7), 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	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			identified by a remediation options appraisal.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0236	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 (Application Reference Number: 8.6)	Good practice
0237	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 (Application Reference Number: 8.6)	Good practice
0238	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 (Application Reference Number: 8.6)	Good practice
0239	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0240	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 (Application Reference Number: 8.7), there will be no discharge of drainage from the construction areas to the Cae Gwyn SSSI.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Good practice
0241	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 (Application Reference Number: 8.6). As set out in the Wylfa Newydd CoCP (Application Reference Number: 8.6), 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 (Application Reference Number: 8.6)	Good practice
0242	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 (Application Reference Number: 8.7), 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 (Application Reference Number: 8.7)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0243	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 (Application Reference Number: 8.6)	Good practice

0244	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 (Application Reference Number: 8.6), 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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

			(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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0245	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 (Application Reference Number: 8.6), 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 (Application Reference Number: 8.6)	Good practice

0246	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 (Application Reference Number: 8.6): • 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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

			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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0247	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 (Application Reference Number: 8.7), 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 (Application Reference Number: 8.7)	Good practice

0248	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 (Application Reference Number: 8.7), 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;	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Good practice

			• 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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0249	Chapter D8, 8.4.67 (Application Reference Number: 6.4.8)	Reduction in fluvial surface water quality.	As stated in the Wylfa Newydd CoOP (Application Reference Number: 8.13), 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 (Application Reference Number: 8.13)	Embedded
0250	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 (Application Reference Number: 8.13), 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 (Application Reference Number: 8.13)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0251	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 (Application Reference Number: 8.13)	Good practice
0252	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 (Application Reference Number: 8.13)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0253	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 (Application Reference Number: 8.13)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0254	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 (Application Reference Number: 3.1)	Embedded
0255	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 (Application Reference Number: 3.1)	Good practice
0256	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 (Application Reference Number: 3.1)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0257	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 (Application Reference Number: 3.1)	Good practice

0258	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)	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

			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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0259	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 (Application Reference Number: 8.7)	Additional
0260	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 (Application Reference Number: 8.7)	Additional
0261	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 (Application Reference Number: 8.13)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0262	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 (Application Reference Number: 3.1)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1120	New Mitigation - Flooding risk at Cemaes.	New mitigation proposed as a result of ongoing SoCG discussions - There are high risks of flooding to properties upstream of Cemaes village and further mitigation is required to mitigate these risks. This will be picked up by the ES Addendum at a suitable point in the Examination	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 (Application Reference Number: 8.16)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1131	New Mitigation - Flooding risk at Cemaes.	New mitigation proposed as a result of ongoing SoCG discussions - There are high risks of flooding to properties upstream of Cemaes village and further mitigation is required to mitigate these risks. This will be picked up by the ES Addendum at a suitable point in the Examination	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 (Application Reference Number: 8.16)	Embedded
Volume D, Terrestrial and freshwater ecology						

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0263	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 (Application Reference Number: 8.16) 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 (Application Reference Number: 8.16)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0264	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	Construction	Landscape and Habitat Management Strategy (Application Reference Number: 8.16)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			being released at various discharge points during the construction period.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0265	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 (Application Reference Number: 8.7)	Embedded
0266	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 (Application Reference Number: 8.16)) 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 (Application Reference Number: 8.16)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0267	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 (Application Reference Number: 8.16)	Embedded
0268	Chapter D9, 9.4.23 (Application Reference Number: 6.4.9)	Pollution of surface water and/or groundwater and the resulting effects on sensitive ecological receptors.	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 (Application Reference Number: 8.7)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0269	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 (Application Reference Number: 8.7). 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 (Application Reference Number: 8.7) and Wylfa Newydd CoCP (Application Reference Number: 8.6) DCO requirement, Draft Development Consent Order (Application Reference Number: 3.1)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0270	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 (Application Reference Number: 8.6)	Good practice
0271	Chapter D9, 9.4.28 (Application Reference Number: 6.4.9)	Inadequacy of proposed protected species mitigation.	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, such as chough habitat enhancement. ~~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~~	Construction	Landscape and Habitat Management Strategy (Application Reference Number: 8.16)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			~~requirements of the relevant protected species licence.~~			

0272	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	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Good practice

			boundary ditch of the SSSI, separating construction activities from the designated habitats.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0273	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 (Application Reference Number: 8.7)	Good practice
0274	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 (Application Reference Number: 8.7) 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)	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7) and Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			guidance on good construction practice.			
0275	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 (Application Reference Number: 8.7)	Good practice
0276	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 (Application Reference Number: 8.7) and Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

0277	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 acheive 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~~	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7) and Wylfa Newydd CoCP (Application Reference Number: 8.6)	Additional

			~~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.~~			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0278	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 (Application Reference Number: 8.7)	Good practice
0279	Chapter D9, 9.4.37 (Application Reference Number: 6.4.9)	Direct effects from Main Construction on various ecological receptors.	Provision of an Ecological Clerk of Works (ECoW) to 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).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0280	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 (Application Reference Number: 8.6)	Good practice
0281	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 (Application Reference Number: 8.7)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0282	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 (Application Reference Number: 8.7)	Good practice
0283	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.	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			Additional exclusion/protective measures may be required.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0284	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 (Application Reference Number: 8.6)	Good practice
0285	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	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			unaffected by the works. No fish would be moved between waterbodies.			
0286	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 (Application Reference Number: 8.6)	Good practice
0287	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 (Application Reference Number: 8.7)	Good practice
0288	Chapter D9, 9.4.45 (Application Reference Number: 6.4.9)	Habitat fragmentation during Main Construction.	The Landscape and Habitat Management Strategy (Application Reference Number: 8.16) 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	Landscape and Habitat Management Strategy (Application Reference Number: 8.16)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			construction period, thereby reducing periods of temporary habitat loss.			
0289	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. 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 (Application Reference Number: 8.6) and Design and Access Statement - Volume 2 - Power Station Site (Application Reference Number: 8.2.2)	Embedded
0290	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 (Application Reference Number: 8.16) 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 (Application Reference Number: 8.16)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0291	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 (Application Reference Number: 8.13)	Good practice
0292	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 (Application Reference Number: 3.1)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0293	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 (Application Reference Number: 8.7)	Additional
0294	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 (Application Reference Number: 8.7)	Additional
0295	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0296	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 (Application Reference Number: 8.16) and Phasing Strategy (Application Reference Number: 8.29)	Additional
0297	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 (Application Reference Number: 8.16)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0298	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 (Application Reference Number: 8.16)	Additional
0299	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 (Application Reference Number: 8.5)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0300	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 (Application Reference Number: 8.7)	Additional
0301	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 (Application Reference Number: 8.7) and Landscape and Habitat Management Strategy (Application Reference Number: 8.16)	Additional
0302	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0303	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 (Application Reference Number: 8.16) and Wylfa Newydd CoCP (Application Reference Number: 8.6)	Additional
0304	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0305	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 (Application Reference Number: 8.6)	Additional
0306	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 (Application Reference Number: 8.7)	Additional
0307	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0308	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 (Application Reference Number: 8.7)	Additional
0309	Chapter D9, table D9-10 (Application Reference Number: 6.4.9)	Loss of mud snail population within the Wylfa Newydd Development Area.	Mud snail would be translocated to an existing wetland area within the notable wildlife enhancement site.	Pre-construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0310	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0311	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 (Application Reference Number: 8.16)	Additional
1121	New Mitigation- Monitoring for Bats	New mitigation proposed as a result of ongoing SoCG discussions - The Main Power Station Site sub-CoCP / Landscape and Habitat Management Strategy previously had limited details on the issue. This will be picked up by the ES Addendum at a suitable point in the Examination	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1122	New Mitigation- Monitoring for Great Crested Newts	New mitigation proposed as a result of ongoing SoCG discussions - The Main Power Station Site sub-CoCP / Landscape and Habitat Management Strategy previously had limited details on the issue. This will be picked up by the ES Addendum at a suitable point in the Examination	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1123	New Mitigation- Monitoring for Water Vole	New mitigation proposed as a result of ongoing SoCG discussions - The Main Power Station Site sub-CoCP / Landscape and Habitat Management Strategy previously had limited details on the issue. This will be picked up by the ES Addendum at a suitable point in the Examination	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1124	New Mitigation- Habitat types, biodiversity gain and pond creation	New mitigation proposed as a result of ongoing SoCG discussions - The Main Power Station Site sub-CoCP / Landscape and Habitat Management Strategy previously had limited details on the issue. This will be picked up by the ES Addendum at a suitable point in the Examination	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 mantaining and enhancing biodiversity in realtion 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 (Application Reference Number: 8.16)	Additional
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(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0312	Chapter D10, table D10-41 (Application Reference Number: 6.4.10)	Adverse effects on Cestyll Kitchen Garden.	Agree with National Trust, Cadw and Gwynedd Archaeological Planning Service the design of appropriate landscape measures to restore and/or enhance the former location of Cestyll Kitchen Garden in accordance with S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1).	Pre-operation	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Additional
0313	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 (Application Reference Number: 8.7) and Landscape and Habitat Management Strategy (Application Reference Number: 8.16). 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 (Application Reference Number: 8.7) and Landscape and Habitat Management Strategy (Application Reference Number: 8.16)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0314	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 (Application Reference Number: 8.16).	Construction	Landscape and Habitat Management Strategy (Application Reference Number: 8.16)	Embedded
0315	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 (Application Reference Number: 8.16).	Construction	Landscape and Habitat Management Strategy (Application Reference Number: 8.16)	Embedded
0316	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 (Application Reference Number: 8.7).	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0317	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 (Application Reference Number: 8.7).	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Embedded
0318	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 (Application Reference Number: 8.7).	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0319	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 (Application Reference Number: 8.7).	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0320	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 (Application Reference Number: 8.16). 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 (Application Reference Number: 8.16)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0321	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 (Application Reference Number: 8.16). The scheme would contain information regarding the factors influencing management, management aims and objectives and monitoring programmes.	Construction	Landscape and Habitat Management Strategy (Application Reference Number: 8.16)	Additional
0322	Chapter D10, 10.4.27 (Application Reference Number: 6.4.10)	Reduce adverse landscape and visual effects.	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 [RD28], as set out in the Wylfa Newydd	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			CoCP (Application Reference Number: 8.6).			
0323	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 (Application Reference Number: 8.2.2)	Additional

0324	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 (Application Reference Number: 8.8). 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 heterogenity; - 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~~	Construction	Marine Works sub-CoCP (Application Reference Number: 8.8)	Additional

			~~zone on removal of the temporary causeway, to restore a natural appearance similar to the adjacent shore, where practicable.~~			

0325	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 (Application Reference Number: 8.8). 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 heterogenity; - 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~~	Construction	Marine Works sub-CoCP (Application Reference Number: 8.8)	Additional

			~~zone on removal of the temporary causeway, to restore a natural appearance similar to the adjacent shore, where practicable.~~			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0326	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 (Application Reference Number: 8.13).	Operation	Wylfa Newydd CoOP (Application Reference Number: 8.13)	Additional
0327	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 (Application Reference Number: 8.2.2)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0328	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 (Application Reference Number: 8.29) 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 (Application Reference Number: 8.16).	Construction	Phasing Strategy (Application Reference Number: 8.29) and Landscape and Habitat Management Strategy (Application Reference Number: 8.16)	Additional
0329	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 (Application Reference Number: 8.16).	Construction	Landscape and Habitat Management Strategy (Application Reference Number: 8.16)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0330	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 (Application Reference Number: 8.16).	Pre-operation	Landscape and Habitat Management Strategy (Application Reference Number: 8.16)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0331	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 (Application Reference Number: 8.16). 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 (Application Reference Number: 8.16)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0332	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) (Application Reference Number: 8.2.3).	Pre-construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Application Reference Number: 8.2.3)	Additional
0333	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 (Application Reference Number: 8.2.2)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0334	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 (Application Reference Number: 8.2.2)	Additional
0335	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	Pre-construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			accordance with the Main Power Station Site sub-CoCP (Application Reference Number: 8.7).			
0336	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 (Application Reference Number: 8.16).	Pre-construction	Landscape and Habitat Management Strategy (Application Reference Number: 8.16)	Additional
0336a	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 (Application Reference Number: 8.7)	Pre-construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0337	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	Decommissioning	DCO requirement, Draft Development Consent Order (Application Reference Number: 3.1)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			Development Consent Order (Application Reference Number: 3.1).			
0338	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 (Application Reference Number: 3.1).	Decommissioning	DCO requirement, Draft Development Consent Order (Application Reference Number: 3.1)	Additional
0339	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 (Application Reference Number: 8.7).	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0340	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 (Application Reference Number: 8.16).	Construction	Landscape and Habitat Management Strategy (Application Reference Number: 8.16)	Embedded
0341	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 (Application Reference Number: 3.1).	Decommissioning	DCO requirement, Draft Development Consent Order (Application Reference Number: 3.1)	Embedded
0342	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	Construction	Landscape and Habitat Management Strategy (Application Reference Number: 8.16)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			Habitat Management Strategy (Application Reference Number: 8.16).			
0343	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 (Application Reference Number: 8.16)	Embedded
0344	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	Construction	Landscape and Habitat Management Strategy (Application Reference Number: 8.16)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			Habitat Management Strategy (Reference Number: 8.16).			
0345	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 (Application Reference Number: 8.16)	Embedded
0346	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 (Application Reference Number: 8.16)	Embedded
0347	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 (Application Reference Number: 3.1).	Decommissioning	DCO requirement, Draft Development Consent Order (Application Reference Number: 3.1)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0348	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 (Application Reference Number: 8.16). 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 (Application Reference Number: 8.16)	Embedded
0349	Chapter D10, 10.4.21 (Application Reference Number: 6.4.10)	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 (Application Reference Number: 8.7).	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0350	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 (Application Reference Number: 8.2.2)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0351	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 (Application Reference Number: 8.7). 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 (Application Reference Number: 8.7)	Good practice

0352	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 (Application Reference Number: 8.16). 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	Operation	Landscape and Habitat Management Strategy (Application Reference Number: 8.16)	Good practice

			wherever practicable, including hedgerows, cloddiau and dry-stone walls.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0353	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 (Application Reference Number: 8.6).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice
0354	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 (Application Reference Number: 8.16)	Construction	Landscape and Habitat Management Strategy (Application Reference Number: 8.16)	Good practice
0355	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 (Application Reference Number: 8.6).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0356	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 (Application Reference Number: 8.6).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) and Wylfa Newydd CoOP (Application Reference Number: 8.13)	Good practice
0357	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 (Application Reference Number: 8.7)	Construction	Landscape and Habitat Management Strategy (Application Reference Number: 8.16) Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Embedded
Volume D, Cultural Heritage						

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0358	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 Dau Fynydd Burnt Mound (Asset 71)	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0359	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Ty'n y Maes, Cemaes Bay (Asset 74).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0360	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Structures, Chain Home Guard, Cemaes Bay (Asset 76).	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	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			excavation and targeted strip map and sampling.			
0361	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0362	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Earthworks, Chain Home Guard, Cemaes Bay (Asset 79).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0363	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Trackway (Asset 86).	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0364	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Earthworks, Chain Home Guard, Cemaes Bay (Asset 98).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0365	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Earthworks, Chain Home Guard, Cemaes Bay (Asset 99).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0366	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Boathouse, Remains of, Porth-y-pistyll (Asset 100).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0367	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Earthworks, Chain Home Guard, Cemaes Bay (Asset 107).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0368	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Cwt, Former Site of, Porth-y-pistyll (Asset 109).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0369	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 (Application Reference Number: 8.7)	Additional
0370	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Pen Pistyll, Former Site of Porth-y-pistyll (Asset 113).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0371	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Park Lodge, Cemaes (Asset 114).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0372	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Ty Croes, Cemaes Bay (Asset 119).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0373	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0374	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 (Application Reference Number: 8.7)	Additional
0375	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Earthworks, Chain Home Guard, Cemaes Bay (Asset 126).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0376	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0377	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 (Application Reference Number: 8.7)	Additional
0378	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0379	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Tai Hirion, Porth-y-pistyll (Asset 146).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0380	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 (Application Reference Number: 8.7)	Additional
0381	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Structure, South of Simdda Wen (Asset 149).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0382	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Building, South-east of Simdda-wen (Asset 151).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0383	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0384	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Field Boundary (Asset 166).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0385	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Caer Brenhin, Former Site of, Tregele (Asset 167).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0386	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Field Boundaries (Asset 168).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0387	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Tan yr Allt, Tregele (Asset 169).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0388	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0389	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Pennant, Tregele (Asset 177).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0390	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Bronydd, Tregele (Asset 183).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0391	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 (Application Reference Number: 8.7)	Additional
0392	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Pen y Groes, Former Site of Tregele (Asset 189).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0393	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Chequers and Bryn Fferen, Tregele (Asset 191).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0394	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 (Application Reference Number: 8.7)	Additional
0395	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0396	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of The Firs, Tregele (Asset 198).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0397	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Pen Lon, Tregele (Asset 199).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0398	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Mound (Asset 201).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0399	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Pre-18th Century Field System (Asset 204).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0400	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0401	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0402	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0403	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Tyddyn Du and Pen y Groes Isaf, Tregele (Asset 210).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0404	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0405	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Part of Field System (Asset 218).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0406	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 (Application Reference Number: 8.7)	Additional
0407	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Neuadd Field System (Asset 239).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0408	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0409	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0410	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0411	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Ditch and Natural Features (Asset 254).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0412	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Field Boundary (Asset 259).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0413	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 (Application Reference Number: 8.7)	Additional
0414	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Penrallt Farmhouse (site of) (Asset 265).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0415	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Possible Structure (Asset 268).	Strip, map and sample	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0416	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 (Application Reference Number: 8.7)	Additional
0417	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Ty Baner (Asset 271).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0418	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0419	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Well (Asset 273).	Photographic survey.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0420	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Field Boundary (Asset 274).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0421	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Field Boundaries (Asset 276).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0422	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Cafnan Field System IV (Asset 277).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0423	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0424	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0425	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Field Boundary (Asset 306).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0426	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0427	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Field Boundary (Asset 312).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0428	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0429	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0430	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0431	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0432	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0433	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0434	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0435	Chapter D11, table D11-5 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Palaeoenvironmental Assessment Area 2 (Asset 527).	Palaeoenvironmental assessment followed by palaeoenvironmental analysis if required.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0436	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0437	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).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0438	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0439	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0440	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0441	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0442	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).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0443	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0444	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).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0445	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).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0446	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0447	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0448	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Pits and Ditches, South of Tregele (Asset 545).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0449	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0450	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0451	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0452	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0453	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0454	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0455	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).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0456	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0457	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0458	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0459	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Linears, Pits and Postholes, West of Porth Wylfa (Asset 575).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0460	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Concentration of Linears and Pits, West of Porth Wylfa (Asset 576).	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	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			archaeological watching brief, targeted excavation and targeted strip map and sampling.			
0461	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0462	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0463	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0464	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0465	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0466	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Paleochannel, South of Porth Wylfa (Asset 584).	Palaeoenvironmental assessment followed by palaeoenvironmental analysis if required.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0467	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).	Archaeological excavation.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0468	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Postholes, North of Neuadd (Asset 592).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0469	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Pits, North of Neuadd (Asset 593).	Strip, map and sample.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0470	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 (Application Reference Number: 8.7)	Additional
0471	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 (Application Reference Number: 8.7)	Additional
0472	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 (Application Reference Number: 8.7)	Additional
0473	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0474	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 (Application Reference Number: 8.7)	Additional
0475	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Building and Enclosure, North-east of Neuadd (Asset 758).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0476	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Building/Enclosure North of Neuadd (Asset 770).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0477	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 (Application Reference Number: 8.7)	Additional
0478	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Transmitter Mast, Chain Home Guard, Cemaes Bay (Asset 52).	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0479	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 (Application Reference Number: 8.7)	Additional
0480	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 (Application Reference Number: 8.7)	Additional
0481	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 (Application Reference Number: 8.7)	Additional
0482	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0483	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 (Application Reference Number: 8.7)	Additional
0484	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. 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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0485	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0486	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)	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	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0487	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 Felin Gafnan Corn Mill, Porth y Felin (Asset 137).	Photographic survey to document current setting.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0488	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 Corn drying house at Felin Gafnan (Asset 141).	Photographic survey to document current setting.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0489	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 Mill House at Felin Gafnan, Cylch-y-Garn (Asset 144).	Photographic survey to document current setting.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0490	Appendix D11-6 (Application Reference Number: 6.4.77)	Removal of Simdde Wen (site of) (Wylfa Sports and Social Club) (Asset 147).	Historic England Level 1 Historic Building Recording.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0491	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0492	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 (Application Reference Number: 8.7)	Additional
0493	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 (Application Reference Number: 8.7)	Additional
0494	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0495	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 (Application Reference Number: 8.7)	Additional
0496	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0497	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 (Application Reference Number: 8.7)	Additional
0498	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 (Application Reference Number: 8.7)	Additional
0499	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 (Application Reference Number: 8.7)	Additional
0500	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0501	Chapter D11, table D11-7 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Cestyll Garden (HLT 2) - removal of historic landscape elements including the kitchen garden and parts of its Essential Setting. Potential for effects on plants resulting from changes in air quality. Visual intrusion into the Essential Setting of the Registered Historic Park and Garden. Noise from construction would result in noticeable intrusion into the setting of this asset, detracting from the quietness of the garden.	Historic England Level 2 Historic building recording. Historic England Level 2 Historic Landscape survey. Photographic survey. Translocation of Lady's Finger of Lancaster apple trees from Cestyll Garden kitchen garden. Undertaken discussions with the landowners and other interested parties to consider appropriate enhancement measures such as greater interpretation including on-site interpretation boards at the valley garden, enhanced public access to the valley garden, regular maintenance and restoration of the valley garden. Agree with National Trust, Cadw and GAPS the design of appropriate landscape measures to restore and/or enhance the former location of kitchen garden. Horizon would work with the landowner to implement appropriate monitoring of soil pH and a visual inspection of the condition of plants during the bulk earthworks of the construction period.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7) Landscape and Habitat Management Strategy (Application Reference Number: 8.16) S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0502	Chapter D11, table D11-7 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Cestyll Garden (HLT 2) - removal of historic landscape elements including the kitchen garden and parts of its Essential Setting. Potential for effects on plants resulting from changes in air quality. Visual intrusion into the Essential Setting of the Registered Historic Park and Garden. Noise from construction would result in noticeable intrusion into the setting of this asset, detracting from the quietness of the garden.	Work with the landowners and other interested parties to consider appropriate enhancement measures such as greater interpretation including on-site interpretation boards at the valley garden, including interpretation boards that are visible from the Wales Coast Path, enhanced public access to the valley garden, including signage from the Wales Coast Path, regular maintenance and restoration of the valley garden.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0503	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 (Application Reference Number: 8.7)	Additional
0504	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0505	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 (Application Reference Number: 8.7)	Additional
0506	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 (Application Reference Number: 8.7)	Additional
0507	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 (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0508	Chapter D11, table D11-7 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Visual intrusion into the setting of and Significant View from Cestyll Garden (HLT 2).	Agree with National Trust, Cadw and GAPS the design of appropriate landscape measures to restore and/or enhance the former location of kitchen garden.	Operation	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1) ~~Main Power Station Site sub-CoCP (Application Reference Number: 8.7)~~	Additional
0509	Chapter D11, table D11-7 (Application Reference Number: 6.6.11) and appendix D11-6 (Application Reference Number: 6.4.77)	Visual intrusion into the setting of and Significant View from Cestyll Garden (HLT 2)	Work with the landowners and other interested parties to consider appropriate enhancement measures such as greater interpretation including on-site interpretation boards at the valley garden, including interpretation boards that are visible from the Wales Coast Path, enhanced public access to the valley garden, including signage from the Wales Coast Path, regular maintenance and restoration of the valley garden.	Operation	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0510	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 (Application Reference Number: 8.8)	Additional
0511	Chapter D11, paragraph 11.4.7 (Application Reference Number: 6.6.11)	Potential effects on archaeological and palaeoenvironmental 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 (Application Reference Number: 8.7)	Embedded
0512	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 (Application Reference Number: 8.16)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0513	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 (Application Reference Number: 8.16)	Embedded
0514	Chapter D11, paragraph 11.4.7 (Application Reference Number: 6.6.11)	To avoid effects on Assets WA7000 and WA7001.	No rock disposal would take place within 50m of on Assets WA7000 and WA7001.	Construction	Marine Works sub-CoCP (Application Reference Number: 8.8)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0515	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 (Application Reference Number: 8.13)	Embedded
0516	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 (Application Reference Number: 8.16)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0517	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 (Application Reference Number: 8.16)	Embedded
Volume D, Coastal Processes and Costal Geomorphology						
0518	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 (Application Reference Number: 8.2.2)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0519	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 (Application Reference Number: 8.16)	Embedded
0520	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 (Application Reference Number: 8.6), Main Power Station Site sub-CoCP (Application Reference Number: 8.7) and Marine Works sub-CoCP (Application Reference Number: 8.8).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6), Main Power Station Site sub-CoCP (Application Reference Number: 8.7) and Marine Works sub-CoCP (Application Reference Number: 8.8)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0521	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 (Application Reference Number: 8.2.2)	Embedded
0522	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 (Application Reference Number: 8.2.2)	Embedded
0523	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 (Application Reference Number: 8.2.2)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0524	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 (Application Reference Number: 8.2.2)	Embedded
0525	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 (Application Reference Number: 8.13). This would outline how targets, to be agreed with regulators, would be achieved with respect to management and implementation.	Operation	Wylfa Newydd CoOP (Application Reference Number: 8.13)	Good practice
0526	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 (Application Reference Number: 8.2.2)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0527	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 (Application Reference Number: 8.2.2)	Good practice

0528	Chapter D12 12.5.85 (Application Reference Number 6.4.12)	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 • No polyelectrolyte dosing will be employed for discharge E1; • From the point of commencement of earthworks on the west of Mound E onwards, no water will be discharged into Nant Cemlyn via discharge E1 until vegetation has re-established and risk of sediment run off is agreed with NRW to be low; • After establishment of vegetation, if there are any additional bulk earthworks on the west of Mound E resulting in a risk of sediment discharge, no water will be discharged into Nant Cemlyn via discharge E1 until re-establishment has been again been agreed in writing with NRW; and • During the above period(s) all water to be diverted and discharged into the into Afon Cafnan via discharge E2. A written scheme of baseline water	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Good practice

			quality monitoring in Nant Cemlyn would be agreed with NRW. This would commence at an appropriate time prior to the works commencing to better understand the background variability in suspended sediment concentrations and, therefore, to inform agreement on the state of the water quality it would appropriate to discharge into Nant Cemlyn from the western face of Mound E. Discharge would only be returned to the Nant Cemlyn when an agreed water quality threshold has been met, this would be agreed in writing between Horizon and NRW			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
Volume D, Marine Environment						
0529	Chapter D13 13.5.76 (Application Reference 6.4.13)	Manage surface water run-off.	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 (Application Reference Number: 8.29) and Main Power Station Site (Application Reference Number: 8.7)	Embedded

0530	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	Construction	Main Power Station Site (Application Reference Number: 8.2.2)	Embedded

			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).			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0531	Chapter D13 13.5.78 (Application Reference 6.4.13)	Reduce suspended solids and contamination during dredging.	As set out in the Marine Works sub-CoCP (Application Reference Number: 8.8) 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 (Application Reference Number: 8.8)	Embedded
0532	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 (Application Reference Number: 8.8) 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 (Application Reference Number: 8.8)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0533	Chapter D13 13.5.80 (Application Reference 6.4.13)	Reduce impact of suspended sediments and settlement at Disposal Site.	As set out in the Marine Works sub-CoCP (Application Reference Number: 8.8) 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.	Construction	Marine Works sub-CoCP (Application Reference Number: 8.8) and Marine License	Embedded
0534	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 positon 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	Operation	Design and Access Statement - Volume 2 – Main Power Station Site (Application Reference Number: 8.2.2)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			reduce changes to hydrodynamics (bed shear stress and scour) and wave climate from the presence of the breakwaters and MOLF.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0535	Chapter D13 13.5.82 (Application Reference 6.4.13)	Reduce size of breakwater to maintain connectiveity 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 (Application Reference Number: 8.2.2)	Embedded
0536	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 (Application Reference Number: 8.29) 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 (Application Reference Number: 8.29) and the Design and Access Statement – volume 2 (Application Reference Number: 8.2.2)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0537	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 (Application Reference Number: 8.29) 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 (Application Reference Number: 8.29) and the Design and Access Statement – volume 2 (Application Reference Number: 8.2.2)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0538	Chapter D13 13.5.85 (Application Reference 6.4.13)	Managing suspended sediments.	As stated in Landscape and Habitat Management Strategy (Application Reference Number: 8.16) 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, Application Reference Number: 8.7). 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.	Construction	Main Power Station Site sub-CoCP, Application Reference Number: 8.7). Landscape and Habitat Management Strategy (Application Reference Number: 8.16)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0539	Chapter D13 13.5.87 (Application Reference 6.4.13)	Best practice measures for controlling dust, noise, accidental release.	An overarching Wylfa Newydd CoCP (Application Reference Number: 8.6) 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 (Application Reference Number: 8.6), Main Power Station Site sub-CoCP (Application Reference Number: 8.7) and Marine Works sub-CoCP (Application Reference Number: 8.8)	Good practice

0540	Chapter D13 13.5.86 (Application Reference 6.4.13)	Managing control of sediments into Nant Cemlyn.	In accordance with the strategy set out in the Main Power Station Site sub-CoCP (Application Reference Number: 8.7), methods would be applied to manage the discharge of suspended sediments to Cemlyn lagoon. These include: • No polyelectrolyte dosing with be employed for discharge E1. • From the point of commencement of earthworks on the west of Mound E onwards, no water will be discharged into Nant Cemlyn via discharge E1 until vegetation has re-established and risk of sediment run off is agreed with NRW to be low. • After establishment of vegetation, if there are any additional bulk earthworks on the west of Mound E resulting in a risk of sediment discharge, no water will be discharged into Nant Cemlyn via discharge E1 until re-establishment has again been agreed in writing with NRW. • During the above period(s) all water will be diverted and discharged into the Afon Cafnan via discharge E2. A written scheme of baseline water quality monitoring in Nant Cemlyn would be agreed with NRW. This	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Embedded

			would commence at an appropriate time prior to the works commencing to better understand the background variability in suspended sediment concentrations and, therefore, to inform agreement on the state of the water quality it would appropriate to discharge into Nant Cemlyn from the western face of Mound E. Discharge would only be returned to the Nant Cemlyn when an agreed water quality threshold has been met, this would be agreed in writing between Horizon and NRW.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0541	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 (Application Reference Number: 8.8) 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 (Application Reference Number: 8.8)	Good practice
0542	Chapter D13 13.5.89 (Application Reference 6.4.13)	Best practice methods with marine plant.	As set out in the Wylfa Newydd CoCP (Application Reference Number: 8.6) 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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			bunding will be in place where necessary.			
0543	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 (Application Reference Number: 8.6) and relevant sub-CoCPs (Main Power Station Site and Marine Works, Application Reference Numbers: 8.7 to 8.8), methods would be applied to all works to control noise and vibration.	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6), Main Power Station Site sub-CoCP (Application Reference Number: 8.7) and Marine Works sub-CoCP (Application Reference Number: 8.8)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0544	Chapter D13 13.5.91 (Application Reference 6.4.13)	Monitoring.	The management strategy set out in the Wylfa Newydd CoCP (Application Reference Number: 8.6) and relevant sub-CoCPs (Main Power Station Site and Marine Works, Application Reference Numbers: 8.7 to 8.8), 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 (Application Reference Number: 8.6), Main Power Station Site sub-CoCP Application Reference Number: 8.7) and Marine Works sub-CoCP (Application Reference Number: 8.8)	Good practice
0545	Chapter D13 13.5.92 (Application Reference 6.4.13)	Control of INNS.	In accordance with the Marine Works sub-CoCP (Application Reference Number: 8.8) Horizon will produce and adhere to a Biosecurity Risk Assessment and Method Statement based on industry standards.	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) Marine Works sub-CoCP (Application Reference Number: 8.8)	Good practice

0546	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	Pre-operation	Design and Access Statement - Volume 2 - Power Station Site (Application Reference Number: 8.2.2)	Embedded

			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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0547	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 (Application Reference Number: 8.13)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0548	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 (Application Reference Number: 8.2.2)	Embedded
0549	Chapter D13 13.5.114 (Application Reference 6.4.13)	Standard operational mitigation.	The Wylfa Newydd CoOP (Application Reference Number: 8.13) 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 (Application Reference Number: 8.13)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0550	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.	Operation	Marine Works sub-CoCP (Application Reference Number: 8.8)	Additional

0551	Chapter D13 13.8.8 (Application Reference 6.4.13)	Biological 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. Up to 10 precast vertical rockpools will be retrofitted to the MOLF to provide water retaining features on the vertical wall 2. Areas of rock armour (including the leeward face of the western breakwater, and 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. 3. Retaining surface roughness within the dredged area to promote recolonisation. 4. A monitoring programme to assess the effectivenes of the enhancementl measures against a suite of clearly defined ecological objectives. 5. Provision of relevant monitoring data to local schools and universities to promote ecological enhancement of the marine environment.	Construction	Marine Works sub-CoCP (Application Reference Number: 8.8)	Additional

			~~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.~~			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0552	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 (Application Reference Number: 8.13)	Additional
0553	Chapter D13 13.8.13 (Application Reference 6.4.13)	Protection of fish through dewatering.	As additional mitigation, ‘fish-friendly’ pumps would be used for dewatering. 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.	Construction	Marine Works sub-CoCP (Application Reference Number: 8.8)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0554	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 (Application Reference Number: 8.7) and in the Marine Works sub-CoCP (Application Reference Number: 8.8).	Construction	Marine Works sub-CoCP (Application Reference Number: 8.8) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0555	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 (Application Reference Number: 8.7) and in the Marine Works	Construction	Marine Works sub-CoCP (Application Reference Number: 8.8) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			sub-CoCP (Application Reference Number: 8.8).			
0556	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 (Application Reference Number: 8.7) and in the Marine Works sub-CoCP (Application Reference Number: 8.8).	Construction	Marine Works sub-CoCP (Application Reference Number: 8.8) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0557	Chapter D13 13.8.19 (Application Reference 6.4.13)	Mitigation of underwater noise.	Underwater noise has been assessed as being not significant for marine mammals and fish, however in undertaking 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-	Construction	Marine Works sub-CoCP (Application Reference Number: 8.8)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			CoCP, Application Reference Number: 8.8).			
0558	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 agreed with NRW, and enable any improvements to mitigation measures to be made where necessary.	Operation	Wylfa Newydd CoOP (Application Reference Number: 8.13)	Additional
Volume D, Radiology						

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0559	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 (Application Reference Number: 8.7)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0560	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 (Application Reference Number: 8.6)	Good practice
0561	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	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 (Application Reference Number: 8.13)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0563	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	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 (Application Reference Number: 3.1)	Good practice
Volume D, Shipping and Navigation						
0565	Chapter D15 table D15-2 (Application Reference Number: 6.4.15)	Legal Duty (Statutory Harbour Authority).	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	Construction	Marine Works sub-CoCP (Application Reference Number: 8.8)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			directing traffic and controlling marine situations within the harbour.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0566	Chapter D15 table D15-2 (Application Reference Number: 6.4.15)	Port Marine Safety Code Compliance.	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.	Construction	Marine Works sub-CoCP (Application Reference Number: 8.8)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			Dredging programme - informed by the results of hydrographic survey.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0567	Chapter D15 table D15-2 (Application Reference Number: 6.4.15)	Publish marine safety information (competent Harbour Authority).	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 (Application Reference Number: 8.8)	Additional
0568	Chapter D15 table D15-2 (Application Reference Number: 6.4.15)	Legal Duty (competent Harbour Authority).	Pilots - following a review of the need for Pilotage, Horizon will establish a Pilotage service including Pilotage Directions	Construction	Marine Works sub-CoCP (Application Reference Number: 8.8)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0569	Chapter D15 table D15-2 (Application Reference Number: 6.4.15)	Aids to navigation.	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 (Application Reference Number: 8.8)	Additional

0570	Chapter D15 table D15-2 (Application Reference Number: 6.4.15)	Legal Duty (Contingency planning) (Statutory Harbour Authority).	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	Construction	Marine Works sub-CoCP (Application Reference Number: 8.8)	Additional

			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.			

0571	Chapter D15 table D15-2 (Application Reference Number: 6.4.15)	Port services and vessel traffic monitoring.	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	Construction	Marine Works sub-CoCP (Application Reference Number: 8.8)	Additional

			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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0572	Chapter D15 table D15-2 (Application Reference Number: 6.4.15)	Safety zone (competent Harbour Authority).	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 (Application Reference Number: 8.8)	Additional
0573	Chapter D15 table D15-2 (Application Reference Number: 6.4.15)	Protective fendering	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 (Application Reference Number: 8.8)	Additional

0574	Chapter D15 table D15-1 (Application Reference Number: 6.4.15)	Industry practice.	· 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.	Construction	Marine Works sub-CoCP (Application Reference Number: 8.8)	Good practice

			· 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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
Volume D, Environmental Lighting Impact Assessment						
0575	Appendix D10-10, 1.5.33 (Application Reference Number: 6.4.67)	Reduce light spill on sensitive receptors.	As detailed in the Phasing Strategy (Application Reference Number: 8.29) and Construction Method Statement (Application Reference Number: 6.4.17) 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 (Application Reference Number: 8.29) and ES Volume D - WNDA Development App D1-1 - Construction Method Statement (Application Reference Number: 6.4.17)	Embedded
0576	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0577	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 (Application Reference Number: 8.6) technologies used would include a Central Management System which would give flexibility to amend lighting levels once installed.	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Embedded
0578	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 (Application Reference Number: 8.7) 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.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0579	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 (Application Reference Number: 8.6) 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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0580	Appendix D10-10, 1.5.38 (Application Reference Number: 6.4.67)	Reduce light spill.	The Wylfa Newydd CoCP (Application Reference Number: 8.6) 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 (Application Reference Number: 8.6)	Good practice
0581	Appendix D10-10, 1.5.50 (Application Reference Number: 6.4.67)	Reduce lighting effects.	As detailed in the Wylfa Newydd CoOP (Application Reference Number: 8.13) 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 (Application Reference Number: 8.13)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0582	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 (Application Reference Number: 8.2.2)	Embedded
0583	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 (Application Reference Number: 8.13).	Operation	Wylfa Newydd CoOP (Application Reference Number: 8.13)	Good practice
0584	Appendix D10-10, table 1-8 (Application Reference Number: 6.4.67)	Reduce lighting effects on Tregele.	Blackout blinds would be provided where nuisance identified.	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0585	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 (Application Reference Number: 8.7)	Additional
Volume D, Ecological Compensation Sites						

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0586	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 (Application Reference Number: 8.6)	Good practice
0587	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	Construction	Landscape and Habitat Management Strategy (Application Reference Number: 8.16)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			conservation and ecosystem service provision.			
0588	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 (Application Reference Number: 8.16)	Good practice
0589	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 (Application Reference Number: 8.13)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0590	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 (Application Reference Number: 8.13)	Good practice
0591	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 taken forward from those set out in annex 1 to the air quality management strategies within the Wylfa Newydd CoCP (Application Reference Number: 8.6) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7).	Construction	Wylfa Newydd CoCP (CoCP) (Application Reference Number: 8.6) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7).	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0592	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 (Application Reference Number: 8.7)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0593	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 (Application Reference Number: 8.6)	Good practice
0594	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0595	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 (Application Reference Number: 8.6)	Good practice
0596	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 (Application Reference Number: 8.6)	Good practice
0597	Appendix D1-2, 1.12.66 (Application Reference Number: 6.4.18)	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].	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0598	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 (Application Reference Number: 8.6) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Good practice
0599	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 (Application Reference Number: 8.6).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0600	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 (Application Reference Number: 8.16) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Embedded
0601	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 (Application Reference Number: 8.6).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0602	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 (Application Reference Number: 8.16)	Embedded
0603	Appendix D1-2, 1.14.86 (Application Reference Number: 6.4.18)	Landscape and visual effects.	Protection of existing trees, scrub and hedgerows to be retained in accordance with the recommendations in BS5837: 2012 Trees in Relation to Design, Demolition and Construction [RD28]; as outlined in the Ecology and landscape strategy of the Wylfa Newydd CoCP (application document reference 8.6).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice
0604	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 (Application Reference Number: 8.7)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0605	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 (Application Reference Number: 8.6)	Good practice
0606	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 (Application Reference Number: 8.6).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0607	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 (Application Reference Number: 8.6) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0608	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 (Application Reference Number: 8.6) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional
0609	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 (Application Reference Number: 8.6) and Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1130	Appendix D1-2, 1.16.107 (Application Reference Number: 6.4.18)	Omission. This will be picked up by the ES Addendum at a suitable point in the Examination	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 (Application Reference Number: 8.7)	Additional
Health Impact Assessment (HIA)						
0610	Health Impact Assessment	Light pollution and sleep	Horizon will provide blackout blinds or alternative mitigation to residents who experience unforeseen cases of sleep disturbance. A mechanism wil be put in place for residents to apply for installation of blackout blinds.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Additional
0611	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 (Application Reference Number: 8.6)	Additional

0612	Health Impact Assessment	Detail on the on-site health facility.	Horizon will deliver a health and welfare programme, and ensure access is provided, to all of its workers. This programme will ensure that local community health and welfare services and resources used by local residents are not adversely affected by the Project.A facility within the security fence on the Power Station Site will treat minor injuries. This facility will also support first response to incidents and be a staging point for more serious incidents. Serious injuries will receive initial triage and trauma care through on-site paramedics / first responders prior to transfer by NHS ambulance (or their supporting air ambulance) service to hospital. There will also be a medical centre on the Site Campus (the Site Campus Medical Centre) which would be similar in concept to a GP surgery. This will be accessible to all construction workers (including sub-contractors), whether they live in the Site Campus, reside locally or travel to the Wylfa Newydd Development Area from the wider area. The Workforce Management Strategy directs all personnel (not just those residing on the Site Campus) to use the Site Campus Medical Centre in	Pre-construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1) DCO requirement, Draft Development Consent Order (Application Reference Number: 3.1) WMS (Application Reference Number: 8.5)	Additional

			the first instance, before seeking to use community healthcare services. This is an integral component of Horizon's undertaking to minimise potential adverse impacts on local community health and welfare services and resources used by local residents. The Site Campus Medical Centre will include appropriately equipped space and facilities for: • Primary Care services, including GP services, specialised clinics, out-of-hours care and pharmaceutical services. • Occupational Health services, including medicals and screening of workers where required. • Administrative functions, including medical records and health surveillance systems. • Occupational Hygiene facilities and resources, which would then be deployed across the Wylfa Newydd Development Area. The Site Campus Medical Centre will be located in close proximity to the amenity block within the ground floor of the first accommodation block to be constructed at the Site Campus (ensuring services are in place before the non-home based workforce			

			arrives). If required, temporary arrangements will be put in place for the small number of workers that will be present before the construction of the Site Campus (it is expected that the Site Campus would likely be operational some two years following grant of development consent). At the peak of construction, the Site Campus Medical Centre could, if required, encompass the entire ground floor of the accommodation block (circa 700m2). The size of the Site Campus Medical Centre, and the services provided therein, would be commensurate with the size and medical needs of the construction workforce. Horizon will provide suitable information during site induction for all workers describing how the site healthcare facilities and services will work and can be accessed. Signposting and ease of access to the Site Campus Medical Centre for all construction workers (including those not accommodated at the Site Campus) would be a key feature of the design and access routes (including some parking and shuttle bus services). An appointment booking link			

			for the Site Campus Medical Centre would be provided on the Power Station Site within the site welfare facilities. The final design of the Site Campus Medical Centre will be prepared in consultation with the local healthcare authorities / representatives and will be operated by a suitable healthcare service provider. The development process will include defining the final list of services that will make up Site Campus Medical Centre occupational health and primary care (illustrative list included in the HIA Report table C-4 (Document Reference 8.19)).			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
Habitats Regulation Assessment						

0613	Habitats Regulation Assessment	Disturbance to breeding terns from construction noise - monitoring	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	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7) Marine Works sub-CoCP (Application Reference Number: 8.8)	Additional

			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].			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0614	Habitats Regulation Assessment	Disturbance to breeding terns from construction noise - main earthworks (anticipated to be for the first two years, but to be kept under review to account for changes to the construction programme)	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, taking into account 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). • 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 (Application Reference Number: 8.7) Marine Works sub-CoCP (Application Reference Number: 8.8)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0615	Habitats Regulation Assessment	Disturbance to breeding terns from construction noise - (additional noise controls during subsequent seasons (anticipated to be year 3 onwards)	Horizon will commit to the following for subsequent nesting season establishment periods ~~During subsequent seasons (anticipated to be year 3 onwards)~~ ~~Day-time modelling of construction activities predicts level of 43.7 dB LAeq, 1-hour.~~ ~~Night-time (7pm to 7am) modelling of construction activities predicts level of 42.4 dB LAeq, 1-hour. Therefore no specific general construction noise commitments are proposed.~~ ~~However, for subsequent nesting season establishment periods~~: • Blasting would only be undertaken when blast noise calculations (including weather conditions) predict noise levels at the colony of less than 54 dB LAF,max. This is based on the fact that main blasting would be complete and only minor or unforeseen blasting requirements would remain.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7) Marine Works sub-CoCP (Application Reference Number: 8.8)	Additional

0616	Habitats Regulation Assessment	Disturbance to breeding terns from construction noise – additional noise controls during the establishment period	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	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7) Marine Works sub-CoCP (Application Reference Number: 8.8)	Additional

			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].			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0617	Habitats Regulation Assessment	Disturbance to breeding terns from construction noise – additional noise controls during the establishment period	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 (Application Reference Number: 8.7) Marine Works sub-CoCP (Application Reference Number: 8.8)	Additional

0618	Habitats Regulation Assessment	Disturbance to breeding terns from construction noise – Reactive monitoring	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	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7) Marine Works sub-CoCP (Application Reference Number: 8.8)	Additional

			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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0619	Habitats Regulation Assessment	Disturbance at the breeding tern colony from visual stimuli	Between 15th April and 15th May there would be no 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 would be no bulk earthworks undertaken within 500m of any known active tern nests within the Morwenoliaid Ynys Môn/Anglesey Terns SPA.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7) Marine Works sub-CoCP (Application Reference Number: 8.8)	Additional
Equality Impact Assessment (EQIA)						
1070	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 (Application Reference Number: 8.7)	Additional
1071	Equality Impact Assessment, 7.2.7	Noise and Air Quality	Dust deposition monitoring.	Construction	Main Power Station Site sub-CoCP (Application Reference Number: 8.7)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1072	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 (Application Reference Number: 8.7)	Additional
1073	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	WN Code of Operational Practice	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1083	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 (Application Reference Number: 8.29)	Embedded
1101	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1102	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 (Application Reference Number: 8.7)	Embedded
1103	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 (Application Reference Number: 8.7)	Embedded
1107	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 (Application Reference Number: 8.13)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1109	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 (Application Reference Number: 8.13)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1110	Equality Impact Assessment, 7.4.9	Traffic, transport access	The Wylfa Newydd CoOP (Application Reference Number: 8.13) 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 (Application Reference Number: 8.13)	Good practice
1111	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 (application Reference Number: 8.16)	Additional

Table 1-3 Site Specific Mitigation – Off-Site Power Station Facilities

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
Environmental Impact Assessment (EIA)						
Volume E, Socio-economics						
0620	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 (Application Reference Number: 8.6) and Off-Site Power Station Facilities sub-CoCP (Application Reference Number: 8.9).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) and Off-Site Power Station Facilities sub-CoCP (Application Reference Number: 8.9)	Good practice
0621	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 (Application Reference Number: 8.6) and Off-Site Power Station Facilities sub-CoCP (Application Reference Number: 8.9).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) and Off-Site Power Station Facilities sub-CoCP (Application Reference Number: 8.9)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0622	Chapter E3, 3.4.12 (Application Reference Number: 6.5.3)	Supply Chain Charter & Action Plan.	It is expected that all construction services required as part of the Off-Site Power Station Facilities would be procured and undertaken in accordance with Horizon's Supply Chain Charter and Action Plan.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Good practice
Volume E, Public Access and Recreation						
0623	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) (Application Reference Number: 8.6) and Off-Site Power Station Facilities sub-CoCP (Application Reference Number: 8.9).	Construction	Wylfa Newydd CoCP (CoCP) (Application Reference Number: 8.6) and Off-Site Power Station Facilities sub-CoCP (Application Reference Number: 8.9)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0624	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) (Application Reference Number: 8.6) and Off-Site Power Station Facilities sub-CoCP (Application Reference Number: 8.9).	Construction	Wylfa Newydd CoCP (CoCP) (Application Reference Number: 8.6) and Off-Site Power Station Facilities sub-CoCP (Application Reference Number: 8.9)	Good practice
0625	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0626	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 (Application Reference Number: 8.13)	Good practice
0627	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 (Application Reference Number: 8.13)	Good practice
0628	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 (Application Reference Number: 3.1)	Good practice
0629	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 (Application Reference Number: 3.1)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
Volume E, Air Quality						
0630	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 (Application Reference Number: 8.6) and Off-Site Power Station Facilities sub-CoCP (Application Reference Number: 8.9).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) and Off-Site Power Station Facilities sub-CoCP (Application Reference Number: 8.9).	Good practice
0631	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 (Application Reference Number: 8.6) and Off-Site Power Station Facilities sub-CoCP (Application Reference Number: 8.9).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) and Off-Site Power Station Facilities sub-CoCP (Application Reference Number: 8.9)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0632	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 (Application Reference Number: 8.6).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice
0633	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 (Application Reference Number: 8.6) would mitigate the risk	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			of odour emissions during remediation works.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0634	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 (Application Reference Number: 8.2.3) and Wylfa Newydd CoOP (Application Reference Number: 8.13)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0635	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 (Application Reference Number: 8.13)	Embedded
0636	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 (Application Reference Number: 8.13)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0637	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 (Application Reference Number: 8.13)	Good practice
Volume E, Noise and Vibration						
0638	Chapter E6, 6.4.15 (Application Reference Number: 6.5.6)	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 (Application Reference Number: 8.9): · Monday - Friday: 07:00 - 19:00; and · Saturday: 07:00 - 13:00. If construction work is required at these sites outside of these hours, this would be identified and justified	Construction	Off-Site Power Station Facilities sub-CoCP (Application Reference Number: 8.9)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			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.			

0639	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 (Application Reference Number: 8.6) 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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

			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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0640	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 (Application Reference Number: 8.9)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0641	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 (Application Reference Number: 8.2.3)	Embedded
0642	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0643	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 (Application Reference Number: 8.13)	Embedded
0644	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 (Application Reference Number: 8.2.3)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0645	Chapter E6, table E6-12 (Application Reference Number: 6.5.6)	Noise effects from construction of the Off-Site Power Station Facilities.	Increase the height of the solid site hoarding-style fencing, to create up to a 3.6m barrier on the site perimeter. 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 (Application Reference Number: 8.9)	Additional
0646	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 (Application Reference Number: 8.9)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0647	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 (Application Reference Number: 8.13): · 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	Operation	Wylfa Newydd CoOP (Application Reference Number: 8.13)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			periods only; and · use of the fuel pump would be restricted to use during the daytime period only, except during an incident or emergency.			
Volume E, Soils and Geology						
0648	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 (Application Reference Number: 8.9)	

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0649	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 (Application Reference Number: 8.9)	Good practice
0650	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 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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0651	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 (Application Reference Number: 8.6)	Good practice
0652	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 (Application Reference Number: 8.6)	Good practice
0653	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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			(e.g. via the CL:AIRE Register of Materials).			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0654	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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			appropriate low-maintenance seed mix.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0655	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 (Application Reference Number: 8.13)	Good practice
Volume E, Surface Water and Groundwater						
0656	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 (Application Reference Number: 8.6).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0657	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 (Application Reference Number: 8.6)	Good practice
0658	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0659	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0660	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 (Application Reference Number: 8.6)	Good practice
0661	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0662	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 (Application Reference Number: 8.6).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice
0663	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 (Application Reference Number: 8.6)	Good practice
0664	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0665	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 (Application Reference Number: 8.2.3)	Embedded
0666	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0667	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 (Application Reference Number: 8.2.3)	Embedded
0668	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0669	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 (Application Reference Number: 8.13)	Embedded
0670	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 (Application Reference Number: 8.13)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
~~0671~~	~~Chapter E8, 8.4.12 (Application Reference Number: 6.5.8)~~	~~Reduction in surface water or groundwater quality.~~	~~Drainage from hardstanding areas would pass through a class 1 full retention oil/water separator prior to discharge to surface water.~~ [REPEAT OF #666]	~~Construction~~	~~Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Application Reference Number: 8.2.3)~~	~~Embedded~~

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0672	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 CoOP (Application Reference Number: 8.13)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0673	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 (Application Reference Number: 8.6)	Good practice
0674	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 (Application Reference Number: 8.13)	Good practice
0675	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	Decommissioning	DCO requirement, Draft Development Consent Order (Application Reference Number: 3.1)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			with the relevant legislation and guidance in place at the time.			
0676	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 (Application Reference Number: 3.1)	Embedded
0677	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 (Application Reference Number: 3.1)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
Volume E, Terrestrial and freshwater ecology						
0678	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 (Application Reference Number: 8.2.3)	Embedded
0679	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0680	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 (Application Reference Number: 8.2.3)	Embedded
0681	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 (Application Reference Number: 8.9)	Embedded

0682	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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) DCO requirement, Draft Development Consent Order (Application Reference Number: 3.1)	Good practice

			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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0683	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 (Application Reference Number: 8.6)	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice
0684	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 (Application Reference Number: 8.9)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0685	Chapter E9, 9.4.6 (Application Reference Number 6.5.9)	Contravention of legislation and loss of bat roost.	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 (Application Reference Number: 8.9)	Good practice
0686	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0687	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 (Application Reference Number: 8.2.3)	Embedded
Volume E, Landscape and Visual						
0688	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0689	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 (Application Reference Number: 8.6)	Good practice
0690	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 (Application Reference Number: 8.2.3)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0691	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 (Application Reference Number: 8.2.3)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0692	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 Facilties: • 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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0693	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 (Application Reference Number: 8.9) and Wylfa Newydd CoOP (Application Reference Number: 8.13)	Additional
0694	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 (Application Reference Number: 8.13)	Good practice
Volume E, Cultural Heritage						

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0695	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 (Application Reference Number: 8.16)	Embedded
0696	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0697	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 (Application Reference Number: 8.2.3)	Embedded
0698	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 (Application Reference Number: 8.6)	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0699	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 (Application Reference Number: 8.9)	Additional
Health Impact Assessment (HIA)						

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0700	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 (Application Reference Number: 8.2.3)	Additional
0701	Health Impact Assessment - Rapid HIA Screening - Off Site Power station facilities	Effects on neighbour	Horizon will notify occupiers of nearby properties and Llanfaethlu Primary School 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 (Application Reference Number: 8.9)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0702	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 (Application Reference Number: 8.13)	Additional
0703	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 (Application Reference Number: 8.13)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0704	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 (Application Reference Number: 8.13)	Additional

Table 1-4 Site Specific Mitigation – Park and Ride

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
Environmental Impact Assessment (EIA)						
Volume F, Public Access and Recreation						
0708	Chapter F4, 4.4.5 (Application Reference Number: 6.6.4)	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.	Construction	Park and Ride sub-CoCP (Application Reference Number: 8.10)	Good practice
0709	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 (Application Reference Number: 8.6) and Park and Ride sub- CoCP (Application Reference Number: 8.10)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0710	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 (Application Reference Number: 8.6) and Park and Ride sub- CoCP (Application Reference Number: 8.10)	Good practice
0711	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 (Application Reference Number: 8.6) and Park and Ride sub- CoCP (Application Reference Number: 8.10)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0712	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 (Application Reference Number: 8.2.3)	Embedded
0713	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 (Application Reference Number: 3.1)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0714	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	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 (Application Reference Number: 8.6) and Park and Ride sub-CoCP (Application Reference Number: 8.10).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) and Park and Ride sub- CoCP (Application Reference Number: 8.10).	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0716	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 (Application Reference Number: 8.6) and Park and Ride sub-CoCP (Application Reference Number: 8.10).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) and Park and Ride sub- CoCP (Application Reference Number: 8.10)	Good practice
0717	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 (Application Reference Number: 8.6).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice
Volume F, Noise and Vibration						

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0718	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 (Application Reference Number: 8.10)	Embedded
0719	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 (Application Reference Number: 8.10): · 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-	Construction	Park and Ride sub-CoCP (Application Reference Number: 8.10)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			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.			

0720	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 (Application Reference Number: 8.6) 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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

			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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0721	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 (Application Reference Number: 8.10)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0722	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~~	Phasing Strategy (Application Reference Number: 8.29)	Embedded
0723	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 (Application Reference Number: 8.2.3)	Embedded
0724	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0725	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 (Application Reference Number: 8.10)	Good practice
0726	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	Construction ~~Operation~~	Park and Ride sub-CoCP (Application Reference Number: 8.10)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			basis as a minimum. Review of these initial results would determine if ongoing monitoring is required.			
0727	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 (Application Reference Number: 8.5)	Good practice
Volume F, Soils and Geology						
0728	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 (Application Reference Number: 8.10)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0729	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 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 (Application Reference Number: 8.6)	Good practice
0730	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 (Application Reference Number: 8.6)	Good practice
0731	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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			possible without them being defined as waste.			
0732	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0733	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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			(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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0734	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 (Application Reference Number: 8.13)	Good practice
Volume F, Surface Water and Groundwater						
0735	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0736	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 (Application Reference Number: 8.2.3)	Embedded
0737	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0738	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 (Application Reference Number: 8.2.3) Park and Ride sub-CoCP (Application Reference Number: 8.10)	Embedded
0739	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0740	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0741	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 (Application Reference Number: 8.6)	Good practice
0742	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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			2016. Emergency response procedures would be developed to deal with any spills or leaks of fuels or oils			
0743	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 (Application Reference Number: 8.6)	Good practice
0744	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0745	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0746	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 (Application Reference Number: 8.2.3)	Embedded
0747	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0748	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 (Application Reference Number: 8.10)	Good practice
0749	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 (Application Reference Number: 8.10)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0750	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 (Application Reference Number: 8.2.3)	Good practice
0751	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 (Application Reference Number: 8.10))	Good practice
0752	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 (Application Reference Number: 8.10)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0753	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 (Application Reference Number: 8.10)	Good practice
0754	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 (Application Reference Number: 3.1)	Good practice
0755	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 (Application Reference Number: 8.2.3)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1125	New Mitigation - Flooding risk at Dalar Air	New mitigation proposed as a result of ongoing SoCG discussions - Parts of the Park and Ride are assessed to be at high risk of flooding from both fluvial and pluvial sources. The DCO left mitigation to detailed design. This will be picked up by the ES Addendum at a suitable point in the Examination	Any topsoil to be removed from site during construction will be transported using heavy good 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 (Application Reference Number: 8.10)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1126	New Mitigation - Flooding risk at Dalar Air	New mitigation proposed as a result of ongoing SoCG discussions - Parts of the Park and Ride are assessed to be at high risk of flooding from both fluvial and pluvial sources. The DCO left mitigation to detailed design. This will be picked up by the ES Addendum at a suitable point in the Examination	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 (Application Reference Number: 8.10)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1127	New Mitigation - Slope angles for ponds at Dalar Air	New mitigation proposed as a result of ongoing SoCG discussions. A suitable slope angle for ponds as the landscape mitigation is for the site to be returned to previous land use of agriculture. This will be picked up by the ES Addendum at a suitable point in the Examination	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 (Application Reference Number: 8.2.3) and Logistics Centre Plans (Application Reference Number: 8.2.3)	Embedded
Volume F, Terrestrial and Freshwater Ecology						

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0756	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 (Application Reference Number: 8.2.3)	Embedded
0757	Chapter F9, 9.4.6 (Application Reference Number 6.6.9)	Potential adverse effects resulting from habitat loss.	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 (Application Reference Number: 8.10)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0758	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	Construction	Park and Ride sub-CoCP (Application Reference Number: 8.10)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			assessments and method statements, and in the presence of an ECoW.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0759	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 (Application Reference Number: 8.10)	Good practice
0760	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 (Application Reference Number: 8.10) and Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice
0761	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 (Application Reference Number: 8.6)	Good practice

0762	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,	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) DCO requirement, Draft Development Consent Order (Application Reference Number: 3.1)	Good practice

			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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0763	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 (Application Reference Number: 8.6)	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice
0764	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 (Application Reference Number: 8.10)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0765	Chapter F9, 9.4.7 (Application Reference Number 6.6.9)	Contravening protected species legislation.	A pre-demolition bat survey would be carried out for any building to be demolished. 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 (Application Reference Number: 8.10)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0766	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 (Application Reference Number: 8.10) and DCO requirement, Draft Development Consent Order (Application Reference Number: 3.1)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0767	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 (Application Reference Number: 8.10)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0768	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 (Application Reference Number: 8.10)	Good practice
0769	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 (Application Reference Number: 8.2.3)	Embedded
0770	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	Construction ~~Operation~~	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			vole, and avoid degradation of Llyn Traffwll SSSI.			
~~0771~~	~~Chapter F9, 9.5.2 (Application Reference Number 6.6.9)~~	~~Potential adverse effects resulting from dust pollution.~~	~~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 (Application Reference Number: 8.6) and Park and Ride sub- CoCP (Application Reference Number: 8.10)~~	~~Good practice~~
Volume F, Landscape and Visual						

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0772	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 (Application Reference Number: 8.2.3)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0773	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 (Application Reference Number: 8.2.3)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0774	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 (Application Reference Number: 8.2.3)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0775	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 (Application Reference Number: 8.2.3)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0776	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 (Application Reference Number: 8.2.3)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0777	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 (Application Reference Number: 8.2.3)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0778	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0779	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 (Application Reference Number: 8.2.3)	Embedded
0780	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 (Application Reference Number: 3.1)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0781	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 (Application Reference Number: 8.2.3)	Embedded
0782	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 (Application Reference Number: 8.10)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0783	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 (Application Reference Number: 8.6)	Good practice
0784	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	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			provide increased visual screening and landscape integration. • Hedgerow creation/tree planting to create new and enhanced species-rich areas.			
0785	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 (Application Reference Number: 8.10)	Good practice
Volume F, Cultural Heritage						
0786	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0787	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 (Application Reference Number: 8.10)	Embedded
0788	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0789	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0790	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 (Application Reference Number: 8.10)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0791	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 (Application Reference Number: 8.10)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0792	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 (Application Reference Number: 8.10)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0793	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 (Application Reference Number: 8.10)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0794	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 (Application Reference Number: 8.10)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0795	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 (Application Reference Number: 8.10)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0796	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 (Application Reference Number: 8.10)	Additional
Health Impact Assessment (HIA)						
0797	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 (Application Reference Number: 8.10)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0798	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 (Application Reference Number: 8.10)	Embedded
0799	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 Logisitics Centre.	Construction	Park and Ride sub-CoCP (Application Reference Number: 8.10) WMS (Application Reference Number: 8.5)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0800	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 (Application Reference Number: 8.10)	Additional
0801	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 (Application Reference Number: 8.10)	Embedded

Table 1-5 Site Specific Mitigation – A5025 Offline Highway Improvements

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
Environmental Impact Assessment (EIA)						
Volume G, Socio-economics						
0802	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 (Application Reference Number: 8.12)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0803	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 (Application Reference Number: 8.12) 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 (Application Reference Number: 8.6) and A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0804	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 (Application Reference Number: 8.6) and A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12)	Good practice
0805	Chapter G3, table G3-16 (Application Reference Number: 6.7.3)	Disturbance to affected landowners	The A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12) 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 (Application Reference Number: 8.12)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0806	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 (Application Reference Number: 8.12)	Good practice
0807	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 (Application Reference Number: 8.6), 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 (Application Reference Number: 8.6) and A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0808	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 (Application Reference Number: 8.6), 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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0809	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 (Application Reference Number: 8.6), 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 (Application Reference Number: 8.6) and A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0810	Chapter G3, table G3-16 (Application Reference Number: 6.7.3)	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.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12)	Good practice
0811	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 (Application Reference Number: 8.12)	Good practice
0812	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
Volume G, Public Access and Recreation						
0813	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 (Application Reference Number: 8.6) and A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12)	Good practice
0814	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 (Application Reference Number: 8.6) and A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12).	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0815	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0816	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	Construction	A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12) and Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0817	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0818	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	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

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0820	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	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 (Application Reference Number: 8.2.3)	Embedded
0822	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	Construction	A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12).	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			access would be suitable for walkers and cyclists.			
0823	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 (Application Reference Number: 8.12).	Additional
Volume G, Air Quality						

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0824	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 (Application Reference Number: 8.6) and A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) and A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12).	Good practice
0825	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 (Application Reference Number: 8.6) and A5025 Off-line Highway Improvements sub-CoCP	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) and A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			(Application Reference Number: 8.12).			
0826	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 (Application Reference Number: 8.6).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice
Volume G, Noise and Vibration						
0827	Chapter G6, 6.4.9 (Application Reference Number: 6.7.6)	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. 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	Construction	A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			would be made to the IACC in advance of the works.			
0828	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 (Application Reference Number: 8.6)	Embedded

0829	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,	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

			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).			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0830	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 (Application Reference Number: 8.6).	Construction	A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0831	Chapter G6, 6.6.5 (Application Reference Number: 6.7.6)	Effects of noise from construciton 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,	Construction	A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			and demonstrate that BPM have been employed.			

0832	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.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12)	Additional

			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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0833	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 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 (Application Reference Number: 8.6) and A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Additional
0834	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 (Application Reference Number: 8.6)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
Volume G, Soils and Geology						
0835	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 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 (Application Reference Number: 8.6)	Good practice
0836	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0837	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 (Application Reference Number: 8.6)	Good practice
0838	Chapter G7, 7.4.12, (Application Reference Number: 6.7.7)	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). It has been assumed that topsoil and subsoil stripped from the flood compensation area would be replaced in the area following excavation of ground to lower the landform.	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0839	Chapter G7, 7.4.13, (Application Reference Number: 6.7.7)	To reduce potential adverse effects on soil quality.	Chapter 9 of the Wylfa Newydd CoCP (Application Reference Number: 8.6) 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;	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			• 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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
Volume G, Water and Groundwater						
0840	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 (Application Reference Number: 8.2.3)	Embedded
0841	Chapter G8, 8.4.7 (Application Reference Number: 6.7.8)	Increased flood risk.	Floodplain compensatory storage has been incorporated into the design at section 1 (Valley). This 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

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0842	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 (Application Reference Number: 8.6)	Good practice
0843	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 (Application Reference Number: 8.6).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0844	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 (Application Reference Number: 8.6)	Good practice
0845	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0846	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0847	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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			industry (C624) [RD16]; and • Culvert Design and Operating Guide (C689) [RD17].			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0848	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 (Application Reference Number: 8.12)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0849	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 (Application Reference Number: 8.12)	Good practice
0850	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 (Application Reference Number: 8.12)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0851	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 (Application Reference Number: 8.12)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0852	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	Operation	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			industry (C624) [RD16]; and • Culvert Design and Operating Guide (C689) [RD17].			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0853	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	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 Highway Improvements sub-CoCP	Construction	A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			(Application Reference Number: 8.12) to reduce the extent of the area that is likely to be damaged, including an appropriate working corridor.			
0855	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.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0856	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 (Application Reference Number: 8.12)	Additional
Volume G, Terrestrial and Freshwater Ecology						
0857	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0858	Chapter G9, 9.4.5 (Application Reference Number: 6.7.9)	Habitat loss and severance/fragmention.	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 (Application Reference Number: 8.2.3)	Embedded
0859	Chapter G9, 9.4.5 (Application Reference Number: 6.7.9)	Habitat loss and severance/fragmention.	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0860	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 (Application Reference Number: 8.6)	Good practice
0861	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 (Application Reference Number: 8.6)	Good practice
0862	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	Construction	A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			ensure no contravention of relevant legislation occurs.			
0863	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 (Application Reference Number: 8.6)	Good practice
0864	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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			[RD28] and additional arboricultural advice.			
0865	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 (Application Reference Number: 8.12)	Good practice
0866	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0867	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0868	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 (Application Reference Number: 8.2.3) DCO requirement, Draft Development Consent Order (Application Reference Number: 3.1)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0869	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 (Application Reference Number: 8.2.3)	Additional
0870	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	Construction	A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			boxes, hibernation boxes and boxes designed for crevice-dwelling species.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0871	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 (Application Reference Number: 8.2.3) A5025 Off-line Highway improvements sub-CoCP (Document Reference Number 8.12) and DCO requirement, Draft Development Consent Order (Application	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
					Reference Number: 3.1)	

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0872	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 (Application Reference Number: 8.2.3) A5025 Off-line Highway improvements sub-CoCP (Document Reference Number 8.12) DCO requirement, Draft Development Consent Order (Application Reference Number: 3.1)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0873	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 (Application Reference Number: 8.6) and A5025 Off-line Highway Improvements sub- CoCP (Application Reference Number: 8.12).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12)	Good practice
0874	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 (Application Reference Number: 8.6) and A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) and A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12)	Embedded Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0875	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 (Application Reference Number: 8.2.3) 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 (Application Reference Number: 8.2.3)	Embedded Good practice
0876	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 (Application Reference Number: 8.12) and the Wylfa Newydd CoCP (Application Reference Number: 8.6) 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 (Application Reference Number: 8.12) and Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0877	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 (Application Reference Number: 8.13) 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 (Application Reference Number: 8.13)	Good practice
0878	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 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 (Application Reference Number: 8.6)	Embedded Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0879	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 (Application Reference Number: 8.6) and the A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12) would also reduce or avoid any changes in noise and vibration affecting otter during construction.	Construction	A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12) and Wylfa Newydd CoCP (Application Reference Number: 8.6)	Embedded Good practice
0880	Chapter G9, 9.5.44 Application Reference	Disturbance to water vole.	The embedded mitigation (such as the buffer strips described in the Wylfa Newydd CoCP (Application Reference Number: 8.6), and good practice mitigation (such as the commitments to reduce noise described in the A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12) and Wylfa Newydd CoCP (Application Reference Number: 8.6).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0881	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 (Application Reference Number: 8.13) would also reduce effects on ecological receptors.	Operation	Wylfa Newydd CoOP (Application Reference Number: 8.13)	Embedded
1128	New Mitigation- Monitoring for Great Crested Newts	New mitigation proposed as a result of ongoing SoCG discussions - The A5025 sub-CoCP previously had limited details on the issue. This will be picked up by the ES Addendum at a suitable point in the Examination	For Great Crested Newts, monitoring will comprise annual HSI surveys for 21 years following translocation. Two torch counts will be undertaken during 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 (Application Reference Number: 8.12)	Additional
Volume G, Landscape and Visual						

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0882	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 (Application Reference Number: 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0883	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 (Application Reference Number: 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0884	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 (Application Reference Number: 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0885	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)	Ensure successful establishment of proposed landscaping and long-term viability of planting, in order to maintain the effectiveness of proposed mitigation measures.	A landscape management strategy would be implemented for a period of 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.	Operation	A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0886	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 (Application Reference Number: 8.2.3)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0887	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 (Application Reference Number: 8.2.3)	Additional
0888	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0889	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 (Application Reference Number: 8.2.3)	Embedded

0900	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.	Operation	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Application Reference Number: 8.2.3)	Embedded

			• 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			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0901	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 (Application Reference Number: 8.12).	Construction	A5025 Off-line Highway Improvements sub-CoCP (Application Reference Number: 8.12)	Good practice
0902	Chapter G10, 10.4.5 (Application Reference Number: 6.7.10)	Protection of existing trees, scrub and hedgerows.	Root protection areas of hedgerows, trees and areas of scrub would be retained. 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 BS5837:2012 Trees in Relation to Design, Demolition and Construction, and the duration of those works would be restricted as far as possible.	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
Volume G, Cultural Heritage						
0903	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	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 (Application Reference Number: 8.6)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0905	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 (Application Reference Number: 8.2.3)	Embedded
0906	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 (Application	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
					Reference Number: 8.2.3)	
0907	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 (Application Reference Number: 8.2.3)	Embedded
0908	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 (Document Reference Number 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0909	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Two Buildings (Site of), west of Cleifiog-Isaf (Asset 6).	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 (Document Reference Number 8.12)	Additional
0910	Appendix G11-5 (Application Reference Number: 6.7.46)	Partial removal of Route of Post Road/18th Century Turnpike Road (Asset 322).	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 (Document Reference Number 8.12)	Additional
0911	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 (Document Reference Number 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0912	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 (Document Reference Number 8.12)	Additional
0913	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 (Document Reference Number 8.12)	Additional
0914	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Field Clearance or Possible Demolished Building, north of Ty'n-ffynnon (Asset 42).	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 (Document Reference Number 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0915	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 (Document Reference Number 8.12)	Additional
0916	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 (Document Reference Number 8.12)	Additional
0917	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Geophysical Anomaly, Bedo (Asset 350).	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 (Document Reference Number 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0918	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).	Excavation and targeted watching brief.	Construction	A5025 Off-line Highway improvements sub-CoCP (Document Reference Number 8.12)	Additional
0919	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 (Document Reference Number 8.12)	Additional
0920	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 (Document Reference Number 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0921	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 (Document Reference Number 8.12)	Additional
0922	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 (Document Reference Number 8.12)	Additional
0923	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Ditches and Hedgerow Features, west of Llanfachraeth (Asset 417).	Excavation.	Construction	A5025 Off-line Highway improvements sub-CoCP (Document Reference Number 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0924	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Possible Standing Stone Socket, north of Bedo (Asset 418).	Excavation.	Construction	A5025 Off-line Highway improvements sub-CoCP (Document Reference Number 8.12)	Additional
0925	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Hedgerow (Site of), south of Bedo (Asset 419).	Excavation	Construction	A5025 Off-line Highway improvements sub-CoCP (Document Reference Number 8.12)	Additional
0926	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 (Document Reference Number 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0927	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 (Document Reference Number 8.12)	Additional
0928	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).	Excavation	Construction	A5025 Off-line Highway improvements sub-CoCP (Document Reference Number 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0929	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 (Document Reference Number 8.12)	Additional
0930	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 (Document Reference Number 8.12)	Additional
0931	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 (Document Reference Number 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0932	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 (Document Reference Number 8.12)	Additional
0933	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Forking Trackway (Site of), Capel Soar (Asset 152)	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 (Document Reference Number 8.12)	Additional
0934	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 (Document Reference Number 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0935	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 (Document Reference Number 8.12)	Additional
0936	Appendix G11-5 (Application Reference Number: 6.7.46)	Partial removal of House (Site of), south of Fadog Frech (Asset 156)	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 (Document Reference Number 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0937	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 (Document Reference Number 8.12)	Additional
0938	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 (Document Reference Number 8.12)	Additional
0939	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 (Document Reference Number 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0940	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 (Document Reference Number 8.12)	Additional
0941	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 (Document Reference Number 8.12)	Additional
0942	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 (Document Reference Number 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0943	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 (Document Reference Number 8.12)	Additional
0944	Appendix G11-5 (Application Reference Number: 6.7.46)	Removal of Fadog Frech Possible Stock Management/Settlement Features (Asset 410)	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 (Document Reference Number 8.12)	Additional
0945	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 (Document Reference Number 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0946	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 (Document Reference Number 8.12)	Additional
0947	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 (Document Reference Number 8.12)	Additional
0948	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 (Document Reference Number 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0949	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 (Document Reference Number 8.12)	Additional
0950	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 (Document Reference Number 8.12)	Additional
0951	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 (Document Reference Number 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0952	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 (Document Reference Number 8.12)	Additional
0953	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 (Document Reference Number 8.12)	Additional
0954	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 (Document Reference Number 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0955	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 (Document Reference Number 8.12)	Additional
0956	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 (Document Reference Number 8.12)	Additional
0957	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 (Document Reference Number 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0958	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 (Document Reference Number 8.12)	Additional
0959	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 (Document Reference Number 8.12)	Additional
0960	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 (Document Reference Number 8.12)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0961	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 (Document Reference Number 8.12)	Additional
Health Impact Assessment (HIA)						
0962	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 (Application Reference Number: 8.6)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0963	Health Impact Assessment - Rapid HIA Screening- A5025 Off- line Highway Improvements	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 (Document Reference Number 8.12)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0964	Health Impact Assessment - Rapid HIA Screening- A5025 Off- line Highway Improvements	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	A5025 Off-line Highway improvements sub-CoCP (Document Reference Number 8.12)	Embedded
Equality Impact Assessment (EQIA)						

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1065	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 (Application Reference Number: 8.29)	Embedded
1100	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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			travelling to and from schools along the A5025 corridor.			

Table 1-6 Site Specific Mitigation – Logistics Centre

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
Environmental Impact Assessment (EIA)						
Volume H, Socio-economics						
0965	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 (Application Reference Number: 8.6) and Logistics Centre sub-CoCP (Application Reference Number: 8.11).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) and Logistics Centre sub-CoCP (Application Reference Number: 8.11)	Good practice
0966	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 (Application Reference Number: 8.6) and Logisitcs Centre sub-CoCP (Application Reference Number: 8.11).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) and Logistics Centre sub-CoCP (Application Reference Number: 8.11)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0967	Chapter H3, 3.4.8 (Application Reference Number: 6.8.3)	Supply Chain Charter and Action Plan	All construction services required as part of the Logistics Centre would be procured and undertaken in accordance with Horizon's Supply Chain Charter and Action Plan.	Construction	S106, Draft Heads of Terms for Planning Obligations (Application Reference Number: 8.1)	Good practice
Volume H, Public Access and Recreation						
0968	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 (Application Reference Number: 8.2.3).	Embedded
0969	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	Logistics Centre sub-CoCP (Application Reference Number: 8.11).	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			construction (subject to a diversion)			
0970	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 (Application Reference Number: 8.6) and Logistics Centre sub-CoCP (Application Reference Number: 8.11).	Good practice
0971	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 (Application Reference Number: 8.6) and Logistics Centre sub-CoCP (Application Reference Number: 8.11).	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0972	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 (Application Reference Number: 8.6) and Logistics Centre sub-CoCP (Application Reference Number: 8.11).	Good practice
0973	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 (Application Reference Number: 8.11).	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0974	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 (Application Reference Number: 8.11) WMS (Application Reference Number: 8.5)	Good practice
0975	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 (Application Reference Number: 8.11).	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0976	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 (Application Reference Number: 8.11). WMS (Application Reference Number: 8.5)	Good practice
0977	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 (Application Reference Number: 3.1)	Good practice
0978	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 (Application Reference Number: 3.1)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
Volume H, Air Quality						
0979	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 (Application Reference Number: 8.6) and the Logistics Centre sub-CoCP (Application Reference Number: 8.11).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) and Logistics Centre sub-CoCP (Application Reference Number: 8.11).	Good practice
0980	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 (Application Reference Number: 8.6) and Logistics Centre sub-CoCP (Application Reference Number: 8.11).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) and Logistics Centre sub-CoCP (Application Reference Number: 8.11)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0981	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 (Application Reference Number: 8.6).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice
Volume H, Noise and Vibration						
0982	Chapter H6, 6.4.6 (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 (Application Reference Number: 8.29)	Embedded
0983	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), as per the Logistics Centre sub-CoCP (Application Reference Number: 8.11).	Construction	Logistics Centre sub-CoCP (Application Reference Number: 8.11)	Embedded

0984	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 (Application Reference Number: 8.6). · 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,	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

			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.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0985	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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) and Logistics Centre sub-CoCP (Application Reference Number: 8.11)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			ongoing monitoring is required, as per the Logistics Centre sub-CoCP (Application Reference Number: 8.11). Actions to be undertaken in the event that monitoring identifies a breach of a threshold, are set out in the Wylfa Newydd CoCP (Application Reference Number: 8.6).			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0986	Chapter H6, 6.4.15 (Application Reference Number: 6.8.6)	Effects of noise from the operation 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 ~~Operation~~	Phasing Strategy (Application Reference Number: 8.29)	Embedded
0987	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 (Application Reference Number: 8.29)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0988	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 (Application Reference Number: 8.2.3) and Logistics Centre sub-CoCP (Application Reference Number: 8.11)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0989	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 (Application Reference Number: 8.11)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0990	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 (Application Reference Number: 8.6). 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 (Application Reference Number: 8.11)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
Volume H, Soils and Geology						
0991	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 (Application Reference Number: 8.6)	Good practice
0992	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 (Application Reference Number: 8.6)	Good practice
0993	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0994	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0995	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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			wherever practicable; and • where soils would be stored for longer than 60 days, stockpiles would be seeded with an appropriate low-maintenance seed mix.			

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0996	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 (Application Reference Number: 8.13)	Good practice
0997	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 (Application Reference Number: 8.11)	Additional
0998	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 (Application Reference Number: 8.11)	Additional
Volume H, Surface Water and Groundwater						

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
0999	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 (Application Reference Number: 8.6)	Good practice
1000	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1001	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 (Application Reference Number: 8.6)	Good practice
1002	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	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			to deal with any spills or leaks of fuels or oils.			
1003	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 (Application Reference Number: 8.6)	Good practice
1004	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	Pre-construction	Logistics Centre sub-CoCP (Application Reference Number: 8.11)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			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.			
1005	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1006	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 (Application Reference Number: 8.6)	Good practice
1007	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 (Application Reference Number: 8.6)	Good practice
1008	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 (Application Reference Number: 8.6)	Good practice
1009	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 (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
Volume H, Terrestrial and freshwater ecology						
1010	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 (Application Reference Number: 8.2.3)	Embedded
1011	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1012	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 (Application Reference Number: 8.2.3)	Embedded
1013	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 (Application Reference Number: 8.11)	Good practice
1014	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 (Application Reference Number: 8.11)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1015	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 (Application Reference Number: 8.11)	Good practice
1016	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 (Application Reference Number: 8.11)	Good practice
1017	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 (Application Reference Number: 8.11)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1018	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 (Application Reference Number: 8.6)	Good practice
1019	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 (Application Reference Number: 8.11) DCO requirement, Draft Development Consent Order (Application Reference Number: 3.1)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1020	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 (Application Reference Number: 8.6)	Good practice
1021	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 (Application Reference Number: 8.6) and the Logistics Centre sub-CoCP (Application Reference Number: 8.11) 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 (Application Reference Number: 8.6) and the Logistics Centre sub-CoCP	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) and Logistics Centre sub-CoCP (Application Reference Number: 8.11)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			(Application Reference Number: 8.11) also set out good working practices to control fugitive dust during the construction phase.			
1022	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 (Application Reference Number: 8.6) and the Logistics Centre sub-CoCP (Application Reference Number: 8.11), and as described in chapter H8 (Application Reference Number: 6.8.8).	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6) and Logistics Centre sub-CoCP (Application Reference Number: 8.11)	Good practice
1023	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 (Application Reference Number: 8.11)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1024a	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 (Application Reference Number: 8.11)	Good practice
1024b	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 (Application Reference Number: 8.2.3)	Embedded
Volume H, Landscape and Visual						

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1025	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 (Application Reference Number: 8.2.3)	Embedded
1026	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,	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			Demolition and Construction (British Standards, 2012) [RD28]			
1027	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 (Application Reference Number: 8.11)	Good practice
1028	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1029	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 (Application Reference Number: 8.2.3)	Embedded
1030	Chapter H10, 10.4.14 (Application Reference Number: 6.8.10)	Landscape Management.	Horizon would undertake quarterly landscape site inspections for a five-year period, followed by annual inspection for 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 would be undertaken at the first available planting season.	Construction	Logistics Centre sub-CoCP (Application Reference Number: 8.11)	Good practice

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1031	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 (Application Reference Number: 3.1)	Additional
1032	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 (Application Reference Number: 3.1)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1033	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 (Application Reference Number: 8.11)	Additional
Volume H, Cultural Heritage						
1034	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	Construction	Design and Access Statement - Volume 3 - Associated Developments and Off-Site Power Station Facilities (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			far as reasonably practicable within security and operational requirements.			
1035	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 (Application Reference Number: 8.2.3)	Embedded
1036	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 (Application Reference Number: 8.2.3)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1037	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 (Application Reference Number: 8.6)	Construction	Wylfa Newydd CoCP (Application Reference Number: 8.6)	Additional
1038	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 (Application Reference Number: 8.11)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1039	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 (Application Reference Number: 8.11)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
Health Impact Assessment (HIA)						
1040	Health Impact Assessment - Rapid HIA Screening - Parc Cybi Logistics Centre	Safeguarding with particular focus on children, young people and adults at risk from abuse.	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 (Application Reference Number: 8.11)	Additional

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
1041	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 (Application Reference Number: 8.11)	Additional
Equality Impact Assessment (EQIA)						
1104	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	Construction	Logistics Centre sub-CoCP (Application Reference Number: 8.11)	Embedded

(1) Item	(2) Source	(3) Issue	(4) Mitigation measure	(5) Trigger	(6) Securing Mechanism	(7) Type of Mitigation
			design of the new Logistics Centre site entrance would accommodate this cycle path.			

1.4 References

Table 1.7 Schedule of references

ID	Reference
RD1	British Standards Institution. 2014. BS 5228-1:2009+A1:2014 *Code of* practice *for noise and vibration control on construction and open sites. Noise*. London: British Standards Institution.
RD2	British Standards Institution. 2014. BS 5228-2:2009+A1:2014 *Code of* practice *for noise and vibration control on construction and open sites. Vibration*. London: British Standards Institution.
RD3	British Standards Institution. 2014. *BS 8233:2014 Guide on sound* insulation *and noise reduction for buildings.* [Online]. Available from: http://shop.bsigroup.com/ProductDetail/?pid=000000000030241579.
RD4	Berglund, B., Lindvall, T., Schwela, D.H. (eds.) 1999. *Guidelines for* Community *Noise*. Geneva: World Health Organization.
RD5	Ministry of Housing, Communities & Local Government, Resistance to sound: Approved Document E. Newcastle Upon Tyne, United Kingdom: NBS, part of RIBA Enterprises Ltd. Available from: https://www.gov.uk/government/publications/resistance-to-sound-approved-document-
RD6	Chartered Institution of Building Services Engineers. 2016. CIBSE Guide B4: Noise and Vibration Control for Building Services Systems. Available from: https://www.cibse.org/knowledge/knowledge-items/detail?id=a0q20000008Jr5RAAS
RD7	Contaminated Land: Applications in Real Environments (CL:AIRE). 2011. The Definition of Waste: Development Industry Code of Practice. Version 2. London: CL:AIRE.
RD8	Department for Environment, Food and Rural Affairs. 2011. *Construction code of practice for the sustainable use of soils on construction sites*. London: Department for Environment, Food and Rural Affairs.
RD9	Venables, R.K. 2000. PUB C512 *Environmental handbook for* building *and civil engineering projects. Part 1: design and specification*. London: CIRIA
RD10	Venables, R.K. 2000. PUB C528 *Environmental handbook for* building *and civil engineering projects. Part 2: Construction*. London: CIRIA

ID	Reference
RD11	Venables, R.K. 2000. PUB C529 *Environmental handbook for* building *and civil engineering projects. Part 3: Demolition and site clearance*. London: CIRIA
RD12	Masters-Williams, H. Heap, A., Kitts, H., Greenshaw, L., Davis, S., Fisher, P., Hendrie, M., Owens, D. 2001. *CIRIA C532 Control of water pollution from construction sites. Guidance for consultants and contractors.* London: CIRIA
RD13	Charles, P. Edwards, P. 2015. *Environmental good practice on site* guide *(fourth edition) (C741)*. London: CIRIA
RD14	McIntyre, N., Thorne, C. 2013. *Land use management effects on* flood *flows and sediment – guidance on prediction (C719D*). London: CIRIA.
RD15	Woods-Ballard, B., Wallingford, H.R., Kellagher, R., Martin, P., Jefferies, C. 2015. *The SuDS Manual (C753).* London: CIRIA.
RD16	Lancaster, J. W. Preene, M., Marshall C. T. 2004. *Development and* flood *risk – guidance for the construction industry* (C624) London: CIRIA.
RD17	Balkham, M., Fosbeary, C., Kitchen, A. and Rickard, C. 2010. Culvert *Design and Operating Guide (C689)* London: CIRIA.
RD18	Environment Agency, Scottish Environment Protection Agency and Northern Ireland Environment Agency. 2013. *PPG1: Understanding Your Environmental Responsibilities – Good Environmental Practices*. Bristol: Environment Agency.
RD19	Environment Agency, Scottish Environment Protection Agency and Northern Ireland Environment Agency. 2012. *Working at construction and demolition sites: PPG 6*. 2nd Edition. Bristol: Environment Agency.
RD20	Northern Ireland Environment Agency, Scottish Environment Protection Agency and Natural Resources Wales. 2017. *GPP 13: Vehicle washing and cleaning.* Cardiff: Natural Resources Wales.
RD21	Northern Ireland Environment Agency, Scottish Environment Protection Agency and Natural Resources Wales. 2018. *GPP 20: Dewatering of underground ducts and chambers*. Cardiff: Natural Resources Wales.
RD22	Northern Ireland Environment Agency, Scottish Environment Protection Agency and Natural Resources Wales. 2017. *GPP 21: Pollution Incident Response Plans*. Cardiff: Natural Resources Wales.
RD23	Environment Agency, Scottish Environment Protection Agency and Northern Ireland Environment Agency. 2011. *Safe storage – Drums*

ID	Reference
	and intermediate bulk containers: PPG 26. Bristol: Environment Agency.
RD24	Natural Resources Wales. 2017. *Check flood warnings*. [Online] [Accessed: 27 July 2017] Available from: https://naturalresources.wales/flooding/check-flood-warnings/?lang=en.
RD25	Northern Ireland Environment Agency, Scottish Environment Protection Agency and Natural Resources Wales. 2017. *Guidance for Pollution Prevention: Works and maintenance in or near water: GPP 5*. Cardiff. Natural Resources Wales.
RD26	Association for Petroleum and Explosives Administration. 2011. Guidance for Design, Construction, Modification, Maintenance and Decommissioning of Filling Stations (Revised June 2011).
RD27	Environment Agency. 2017. The Environment Agency's approach to groundwater protection. Version 1.1. [Online]. [Accessed 21 December 2017]. Available from: https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/658135/LIT_7660.pdf
RD28	British Standards Institution. 2012. BS 5837:2012 *Trees in relation to* design*, demolition and construction. Recommendations.* London: British Standards Institution.
RD29	Joint Nature Conservation Committee (JNCC). 2016. An assessment of the numbers and distributions of wintering waterbirds and seabirds in Liverpool Bay/Bae Lerpwl area of search. JNCC Report. No: 576. [Online]. [Accessed: 15 November 2016]. Available from: http://jncc.defra.gov.uk/pdf/Report_576_web.pdf.
RD30	Turnpenny, A. W. H and O'Keeffe, N. 2005. *Screening for Intakes and Outfalls: A best* practice *guide*. Environment Agency Science Report SC030231, pp. 154.
RD31	Department for Transport. 2016. Port Marine Safety Code. [Online] [Available from:] https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/564723/port-marine-safety-code.pdf
RD32	Maritime and Coastguard Agency. 2009. *MGN 401 (M+F)* Navigation*: Vessel Traffic Services (VTS) and Local Port Services (LPS) in the United Kingdom.* [Online]. [Accessed: 21 November 2016]. Available from: https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/461544/MGN_401.pdf

ID	Reference
RD33	United Kingdom Hydrographic Office. 2017. ADMIRALTY List of Radio Signals. Vol. 1 - 6. Taunton: United Kingdom Hydrographic Office.
RD34	International Maritime Organization. 1972. COLREGS – International Regulations for Preventing Collisions at Sea. [Online] [Accessed: 21 November 2016] Available from: http://www.mar.ist.utl.pt/mventura/Projecto-Navios-I/IMO-Conventions%20(copies)/COLREG-1972.pdf
RD35	International Maritime Organization. 1978. International Convention on Standards of Training, Certification and Watchkeeping for Seafarers. [Online] [Accessed: 21 November 2016] Available from: http://www.imo.org/en/About/conventions/listofconventions/pages/international-convention-on-standards-of-training,-certification-and-watchkeeping-for-seafarers-(stcw).aspx
RD36	Environment Agency and Department for Environment, Food and Rural Affairs. 2004. *Contaminated Land Report 11: Model Procedures for the Management of Land Contamination*. Bristol: Environment Agency.
RD37	Northern Ireland Environment Agency, Scottish Environment Protection Agency and Natural Resources Wales. 2018. *GPP2: Above ground oil storage tanks*. Cardiff: Natural Resources Wales.
RD38	Collins, J. 2016. Bat Surveys for Professional Ecologists: Good Practice Guidelines. 3rd Edition. London: Bat Conservation Trust.
RD39	British Standards Institution. 20145. BS EN 12464-2:2014 *Light and lighting – Lighting of work places. Part 2: Outdoor work place* London: British Standards Institution.
RD40	Institution of Lighting Professionals. 2011. *Institute of Lighting Engineers' Guidance Notes for the Reduction of Obtrusive Light GN01:2011*
RD41	Langton, T E S. Beckett, C L. and Foster, J P. 2001. *Great Crested* Newt *Conservation Handbook.* Halesworth : Froglife.
RD42	Pond Conservation. 2010. *Creating ponds for Water Voles*. [Online]. [Accessed: 18 June 2017]. Available from: http://www.freshwaterhabitats.org.uk/wp-content/uploads/2013/09/watervole-dossier.pdf.
RD43	Atkins. 2008. Parc Cybi, Anglesey: Plot Drainage Statement document 5035112/62/DG/ZT/01.
RD44	Natural England, Department for Environment, Food & Rural Affairs, and Environment Agency. 2016. *Guidance: Prevent harmful weeds and invasive non-native plants spreading*. [Online]. [Accessed: June

ID	Reference
	2017]. Available from https://www.gov.uk/guidance/prevent-the-spread-of-harmful-invasive-and-non-native-plants.
RD45	British Standards Institution. 2015. *BS 3882:2015 Specification for* topsoil. London: British Standards Institution.
RD46	Chartered Institute for Archaeologists. 2014. Standard and guidance for archaeological excavation. [Online]. [Accessed: 19 April 2016]. Available from: http://www.archaeologists.net/sites/default/files/CIfAS&GExcavation.pdf
RD47	Historic England. 2017. *Understanding the Archaeology of* Landscapes*: A guide to good recording practice*. London: English Heritage. [Online]. [Accessed: 9 May 2017]. Available from: https://content.historicengland.org.uk/images-books/publications/understanding-archaeology-of-landscapes/understandingthearchaeologyoflandscapes.pdf
RD48	British Standards Institution. 2014. *BS EN 12464-2:2014 Light and lighting – Lighting of work places: Outdoor work places.* [Online]. [Accessed: 26 January 2018]. Available from: https://shop.bsigroup.com/ProductDetail/?pid=000000000030281364