

From: [Kieran Somers](#)
To: [Wylfa Newydd](#); [Kay Sully](#); [KJ Johansson](#)
Cc: [Aaron.Buckley@jacobs.com](#); [David Palmer \(Contractor\)](#); [Iwan.Williams@cyfoethnaturiolcymru.gov.uk](#); [Aron.Henry](#); [energyisland@cyfoethnaturiolcymru.gov.uk](#); [James.Hooker@gov.wales](#); [Dylan Williams](#); [PMO](#); [Neil Burke](#)
Subject: Wylfa Newydd DCO Deadline 3 Submissions (Email 5 of 8) [NOT PROTECTIVELY MARKED]
Date: 17 December 2018 18:28:05
Attachments: [48 Off site Power Station Facilities - Building M3 Bat Survey Results.pdf](#)
[49 Local Noise Mitigation Strategy Update.pdf](#)
[46 Illustrative Lighting Spill Technical Note and Associate Appendices.pdf](#)
[47 Technical Note indicating how Horizon would meet committed noise levels.pdf](#)

Good Evening

This is the fifth in a series of 8 e-mails for the Wylfa Newydd DCO Examination Deadline 3 deliverables.

The list below provides a complete list of all documents attached to this e-mail and we will also be delivering 2x USB pen drives containing all of our Deadline 3 submission to your offices at 10:00 tomorrow (Tuesday 18th December).

46 Illustrative Lighting Spill Technical Note and Associate Appendices.pdf
47 Technical Note indicating how Horizon would meet committed noise levels.pdf
48 Off site Power Station Facilities - Building M3 Bat Survey Results.pdf
49 Local Noise Mitigation Strategy Update.pdf

Kind Regards

Kieran Somers
Head of Planning
Pennaeth Cynllunio

HORIZON NUCLEAR POWER
Sunrise House
1420 Charlton Court
Gloucester Business Park
Gloucester
GL3 4AE

Tel: +44 (0) 1242 507 681
Mobile: [REDACTED]
kieran.somers@Horizonnuclearpower.com

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Wylfa Newydd Project

Local Noise Mitigation Strategy Update

PINS Reference Number: EN010007

18 December 2018

Revision 1.0

Examination Deadline 3

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

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1 Introduction

- 1.1.1 Following submission of Horizon's application for a Development Consent Order for the Wylfa Newydd DCO Project, Horizon has reviewed the eligibility criteria, and implementation processes for the Local Noise Mitigation Strategy (LNMS) which are secured in section 8.3 of the Wylfa Newydd Code of Construction Practice (CoCP) [REP2-031].
- 1.1.2 This review was triggered by comments made through the Statement of Common Ground process with the North Anglesey Community Partnership and Isle of Anglesey County Council, relevant representations received in August on the DCO application and in light of potential Requests for Non-Material Change Horizon has consulted upon and wishes to submit into the DCO examination process.
- 1.1.3 This review has led to an update to the eligibility criteria and measures contained within the LNMS which can be seen in section 2 below. It is Horizon's intention to mirror the commitments made in section 2 of this document as an update to the Wylfa Newydd CoCP at Deadline 4 (17 January 2019). The purpose of this document is to give clarity to local stakeholders on the extent of Horizon's revisions to the LNMS prior to the next update of the Wylfa Newydd CoCP.
- 1.1.4 In addition to the updates stated in this document, Horizon is also submitting the LNMS Companion Guide at Deadline 3 (18 December 2018). This is a reference document which has been produced to provide stakeholders further information about how the LNMS will operate in practice and answers key questions it is envisaged people may want to ask about the scheme. It is provided for information only (so that it can be updated during implementation) and is not intended to be a certified document.

2 LNMS Updates

2.1 Eligibility Criteria

- 2.1.1 Noise modelling reported in chapters C5 [APP-092] and D6 [APP-125] of the Environmental Statement identified properties which are expected to receive major adverse effects, but which did not meet the noise criteria to be automatically eligible for the LNMS.
- 2.1.2 Horizon intends to amend this by lowering the noise eligibility thresholds by which the LNMS will become available to applicants, and to do so for both construction noise and traffic noise caused by the Wylfa Newydd DCO Project. Reduction of the noise level eligibility thresholds will also require an extension of the LNMS WNDA Construction Boundary Plan secured through the Wylfa Newydd CoCP [REP2-031].
- 2.1.3 Horizon also intends to reduce the daytime road traffic noise level at above which properties adjacent to the A5025 and other qualifying highways will be eligible for noise insulation under the LNMS.
- 2.1.4 The reduced threshold levels for construction noise are based on the onset of a medium magnitude of change (which results in a major adverse effect at high sensitivity receptors) under the adopted magnitude scale for long-term construction plant and machinery noise set out in ES Chapter D6 – Noise and Vibration [APP-125]. These updated levels can be seen in Table 2-1 below.

Table 2-1 Construction noise eligibility criteria, dB L_{Aeq,T} facade incident

Monday to Friday			Saturday			Sunday	
07.00 – 19.00 (T=12 hrs)	19.00 – 22.00 (T=3 hrs)	22.00 – 07.00 (T=9 hrs)	07.00 – 13.00 (T=6 hrs)	13.00 – 22.00 (T=9 hrs)	22.00 – 07.00 (T=9 hrs)	07.00 – 22.00 (T=15 hrs)	22.00 – 07.00 (T=15 hrs)
65	60	55	65	60	55	60	55

- 2.1.5 The qualification criteria for traffic noise levels during the construction or operation of the Wylfa Newydd DCO Project have been reduced to 63 dB L_{A10,18hrs} during the daytime. This is 5 dB lower than the original threshold included in the Wylfa Newydd CoCP [APP-414] which was based on the Noise Insulation Regulations 1975 as amended.
- 2.1.6 In the Wylfa Newydd CoCP [REP2-031], figure 8-1 LNMS WNDA Construction Boundary Plan shows all properties that are automatically eligible for the LNMS regardless of noise modelling results. Horizon recognises the importance of figure 8-1 of the Wylfa Newydd CoCP in demonstrating to stakeholders the extent to properties which are automatically eligible for the LNMS, so has updated this figure in line with the change in eligibility criteria. This revised figure can be seen in figure 2-1 below and will be included in the next update of the Wylfa Newydd CoCP.

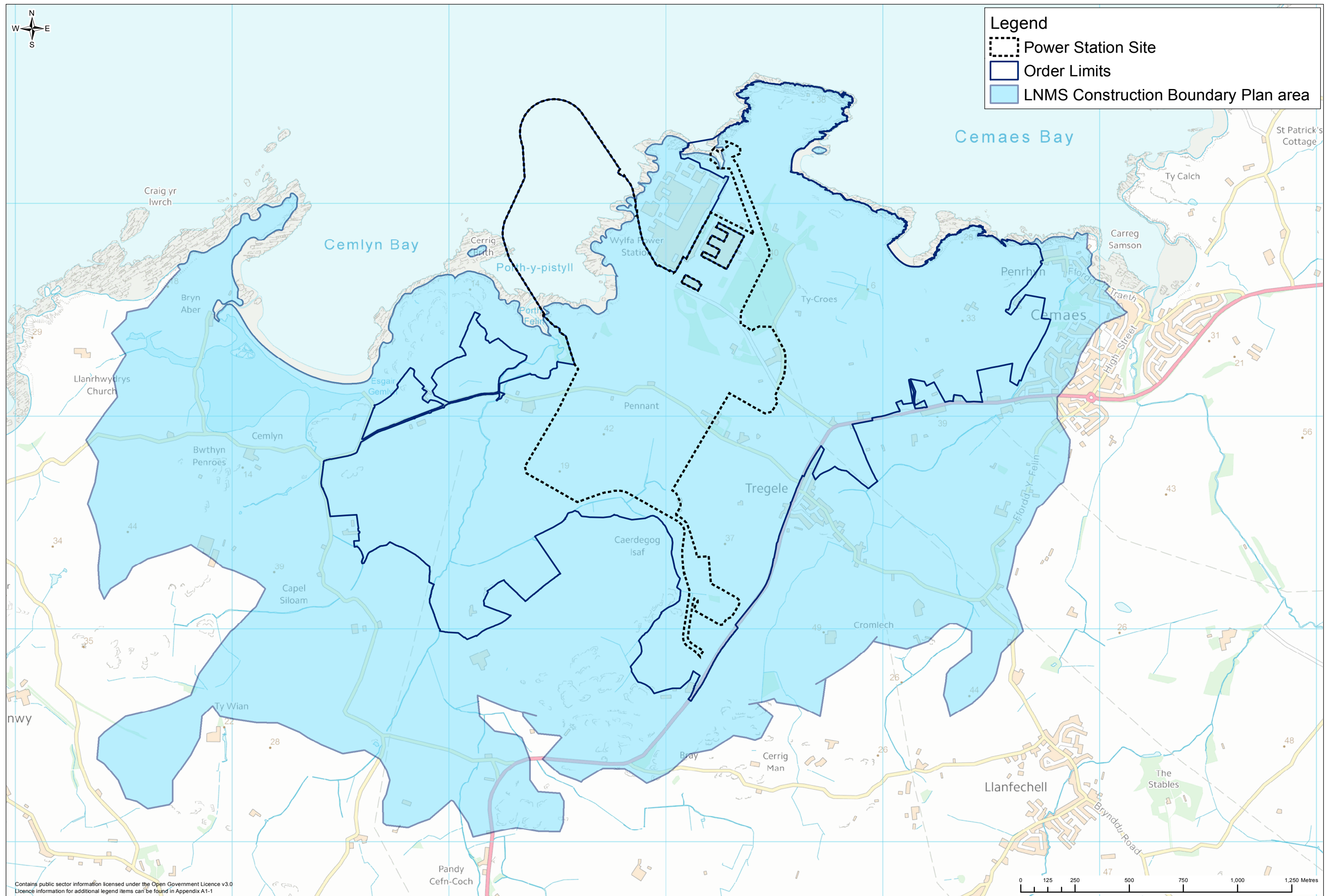


Figure 2-1 LNMS WDA Construction Boundary Plan

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2.2 Increased LNMS mitigation measures

2.2.1 In addition to the update to the LNMS noise eligibility criteria and the WNDA LNMS Construction Boundary Plan in figure 2-1, Horizon has decided to offer additional measures as part of the LNMS, beyond those included in Section 8.3 of the Wylfa Newydd CoCP (Revision 2.0), as submitted at Deadline 2 (4 December 2018) [REP2-031] where there would be a clear benefit in reducing noise arising as a consequence of the Wylfa Newydd DCO Project. These new measures will include:

- Noise attenuating fences;
- Re-glazing of conservatories.

2.2.2 These measures will be made available on a case-by-case basis only and would be subject to a survey. Further detail about the relevant factors to be assessed by the surveyor in these cases is available in the LNMS Companion Guide that has been submitted at Deadline 3 (18 December 2018).

2.3 Other LNMS updates

LNMS Reporting

2.3.1 As a response to the Local Impact Report submitted into examination by IACC at Deadline 2 (4 December 2018), Horizon wishes to confirm that Horizon will report on the development of the LNMS to IACC on a quarterly basis. This reporting will provide regular updates of the number of application responses received and accepted, the number of surveys undertaken, general options undertaken after survey, any complaints raised, and the number of properties with LNMS mitigation measures installed including black-out blinds.

Issue Resolution

2.3.2 Following the Examining Authority's First Written Question 9.0.26 (regarding the measures in place to deal with disputes in the LNMS), Horizon has provided further detail of the dispute resolution process in the LNMS Companion Guide as Horizon does not consider it necessary for that the methodology be secured as part of the Wylfa Newydd CoCP. However as part of this process, Horizon is committed to providing a suitably qualified and experienced independent third party to help to resolve cases relating to Local Noise Mitigation when Horizon can't come to an agreement with the LNMS applicant. This commitment will be included in the Wylfa Newydd CoCP update at Deadline 4 (17 January 2019).

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