

**HORIZON**

NUCLEAR POWER



# Wylfa Newydd Project

## Statement of Common Ground between Horizon Nuclear Power Wylfa Limited and Dwr Cymru Welsh Water

PINS Reference Number: EN010007

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Examination Deadline 6

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

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# 1 Introduction

## 1.1 Status of this SoCG

1.1.1 This Statement of Common Ground (hereafter referred to as the 'SoCG') is being submitted to the Examining Authority as an agreed final version at Deadline 6, in accordance with the examination timetable.

1.1.2 It is noted that where this SoCG relies on documents which are due to be submitted at later deadlines in the examination, this is noted where relevant and may change the status of issues recorded in this version of the SoCG.

## 1.2 Purpose of this document

1.2.1 This SoCG has been prepared by Horizon Nuclear Power Wylfa Ltd (hereafter referred to as 'Horizon') and reviewed by Dŵr Cymru Welsh Water (hereafter known as 'DCWW'). It has been prepared in accordance with the guidance published by the Department of Communities and Local Government (hereafter referred to as 'DCLG Guidance')<sup>1</sup> and example SoCG documents provided on the Planning Inspectorate's website<sup>2</sup>.

1.2.2 The purpose of this SoCG is to set out agreed factual information about the application for development consent made by Horizon for the construction and operation of a new nuclear power station at the Wylfa Newydd Development Area on Anglesey (hereafter referred to as 'WNDA') together with on and off-site associated development (hereafter referred to as 'the Wylfa Newydd DCO Project' or 'the Project').

1.2.3 DCWW provide water to over three million people across most of Wales, and adjoining parts of England. The company will also be responsible for the essential supply of water and services to the employees on site for the Wylfa Newydd DCO Project. As an important statutory undertaker, Horizon has worked with DCWW in the development of the Project. Section 2 of this report provides an overview of the consultation between the two parties throughout pre-application, then beyond submission of the DCO application until the present.

1.2.4 Paragraph 58 of the DCLG Guidance states:

*"A statement of common ground is a written statement prepared jointly by the applicant and another party or parties, setting out any matters on which they agree. As well as identifying matters which are not in real dispute, it is also useful if a statement identifies those areas where agreement has not been reached. The statement should include references to show where those matters are dealt with in the written representations or other documentary evidence"*

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<sup>1</sup> Planning Act 2008: Guidance for the examination of applications for development consent (March 2015) paragraphs 58 – 65  
[https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/418015/examinations\\_guidance-final\\_for\\_publication.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/418015/examinations_guidance-final_for_publication.pdf)

- 1.2.5 The aim of this SoCG is to therefore provide a clear position of the state and extent of discussions and agreement between Horizon and Welsh Water on matters relating to the Wylfa Newydd Project.
- 1.2.6 The preparation of this SoCG has been informed by a programme of discussions between Horizon and DCWW as detailed at Table 2-1 below.
- 1.2.7 This SoCG has evolved through a series of iterative drafts. These drafts have been informed by on-going meetings between Horizon and DCWW. The first draft of this SoCG was provided by Horizon on 27 October 2017, for input and comment by Welsh Water.
- 1.2.8 This SoCG is being submitted to the Examining Authority in relation to the application by Horizon under section 37 of the Planning Act 2008 (the Act) for an order granting development consent for the construction of the Wylfa Newydd DCO Project.

## **1.3 Description of Development**

### ***The Wylfa Newydd Project***

- 1.3.1 The Wylfa Newydd Project includes:

### ***The Enabling Works***

- 1.3.2 The Enabling Works comprise the Site Preparation and Clearance Proposals (SPC Proposals) and the A5025 On-line Highway Improvements.
- 1.3.3 Horizon has submitted applications for planning permission for the Enabling Works under the Town and Country Planning Act 1990 to the Isle of Anglesey County Council (IACC) as local planning authority. The On-line Highway Improvements were granted planning permission on 13th July 2018 (ref: 27C106E/FR/ECON). The planning authority resolved to grant the SPC application subject to the signing of a legal agreement on the 5th September 2018. The Welsh Government wrote to the IACC on 13 December 2018 directing that the SPC application should be determined by the Welsh Ministers (referred to as a call-in). Horizon has now written to IACC and Welsh Government to confirm that it is withdrawing the SPC application and that all works included within the SPC application have also been applied for as part of the DCO application.
- 1.3.4 In order to maintain flexibility in the consenting process for the Wylfa Newydd DCO Project, the SPC Proposals have also been included in the DCO application. The A5025 On-line Highway Improvements are not part of the DCO application.

### ***The Wylfa Newydd DCO Project***

- 1.3.5 The Wylfa Newydd DCO Project comprises those parts of the Wylfa Newydd Project which are to be consented by a DCO, namely:

## The Nationally Significant Infrastructure Project (NSIP)

- **Power Station:** the proposed new nuclear power station, including two UK Advanced Boiling Water Reactors, the Cooling Water System, supporting facilities, buildings, plant and structures, radioactive waste and spent fuel storage buildings and the Grid Connection;
- **Other on-site development:** including landscape works and planting, drainage, surface water management systems, public access works including temporary and permanent closures and diversions of public rights of way, new Power Station Access Road and internal site roads, car parking, construction compounds and temporary parking areas, laydown areas, working areas and temporary works and structures, temporary construction viewing area, diversion of utilities, perimeter and construction fencing, and electricity connections;
- **Marine works comprising:**
  - Permanent Marine Works: the Cooling Water System, the Marine Off-loading Facility, breakwater structures, shore protection works, surface water drainage outfalls, waste water effluent outfall (and associated drainage of surface water and waste water effluent to the sea), fish recovery and return system, fish deterrent system, navigation aids and Dredging;
  - Temporary Marine Works: temporary cofferdams, a temporary access ramp, temporary navigation aids, temporary outfalls and a temporary barge berth;
- **Off-site Power Station Facilities:** comprising the Alternative Emergency Control Centre (AECC), Environmental Survey Laboratory (ESL) and a Mobile Emergency Equipment Garage (MEEG); and

## Associated Development

- the Site Campus within the Wylfa Newydd Development Area;
- temporary Park and Ride facility at Dalar Hir for construction workers (Park and Ride);
- temporary Logistics Centre at Parc Cybi (Logistics Centre);
- the A5025 Off-line Highway Improvements;
- wetland habitat creation and enhancement works as compensation for any potential impacts on the Tre'r Gof Site of Special Scientific Interest (SSSI) at the following sites:
  - Tŷ Du;
  - Cors Gwawr;
  - Cae Canol-dydd

- 1.3.6 The Power Station will be operational for approximately 60 years after which it will be decommissioned. The buildings will be removed from the site and all spent fuel and radioactive waste managed. The end state of the site will be agreed with the regulators.

### **Licensable Marine Activities**

- 1.3.7 The Licensable Marine Activities comprise the Marine Works and the Deep Disposal (i.e. the disposal of material from dredging at the Disposal Site at Holyhead North). The Licensable Marine Activities will be consented under a Marine Licence, however the Marine Works would also be consented under the DCO.
- 1.3.8 A more detailed description of development is contained at Chapter 4 of the Planning Statement (APP-406).



## 2 Consultation with Welsh Water

- 2.1.1 Horizon has engaged with DCWW throughout the pre-application period and following the submission of the DCO application.
- 2.1.2 The preparation of this SoCG has been informed by a programme of discussions between Horizon and DCWW. Horizon met with DCWW to discuss and document common ground on the following dates:

Meeting Date	Attendees	Purpose of Meeting
<b>SoCG Meetings</b>		
16 <sup>th</sup> August 2017	DCWW Horizon Nuclear Power DWD	<p>Outlining Horizon’s approach to Statements of Common Ground and agree a way forward for an SoCG between Welsh Water and Horizon.</p> <p>Key subjects for the SoCG agreed as:  <u>Potable Water</u>                      Discuss and agree potable water requirements for construction workers (planning for 3 mega litres per day).  <u>Foul Water</u>                      Further discussions are required to consider how foul drainage for workers working on the construction site as well as those living on the Site Campus are dealt with. Previously a temporary package plant was proposed for the construction site, although NRW are likely to want to deliver through a single solution.</p> <p><u>Sharing Draft DCO documents</u></p> <p>Welsh Water confirm they would initially like to view the following draft DCO documents:</p> <ul style="list-style-type: none"> <li>- Consultation Report (where comments relate to WW)</li> <li>- EIA chapters related to drainage and water supply</li> </ul>

Meeting Date	Attendees	Purpose of Meeting
		<ul style="list-style-type: none"> <li>- Draft DCO</li> <li>- Works plans and parameter plans</li> <li>- Protective Provisions</li> </ul>
14 <sup>th</sup> September 2017	DCWW Horizon Nuclear Power	<p>Review Progress on the following projects related to the construction and operation of a new power station at Wylfa in Anglesey:</p> <ol style="list-style-type: none"> <li>1. Potable Water Supplies</li> <li>2. Cemaes Riser Main Diversion</li> <li>3. Water Treatment Works Upgrades</li> <li>4. Outfall Diversion</li> <li>5. Caerdegog Isaf Diversion Water</li> </ol>
19 <sup>th</sup> October 2017	DCWW Horizon Nuclear Power	<p>Review Progress on the following projects related to the construction and operation of a new power station at Wylfa in Anglesey:</p> <ol style="list-style-type: none"> <li>1. Potable Water Supplies</li> <li>2. Cemaes Riser Main Diversion</li> <li>3. Water Treatment Works Upgrades</li> <li>4. Outfall Diversion</li> <li>5. Caerdegog Isaf Diversion Water</li> </ol>
16 <sup>th</sup> November 2017	DCWW Horizon Nuclear Power	<p>Review Progress on the following projects related to the construction and operation of a new power station at Wylfa in Anglesey:</p> <ol style="list-style-type: none"> <li>1. Potable Water Supplies</li> <li>2. Cemaes Riser Main Diversion</li> <li>3. Water Treatment Works Upgrades</li> <li>4. Outfall Diversion</li> <li>5. Caerdegog Isaf Diversion Water</li> </ol>

Meeting Date	Attendees	Purpose of Meeting
11 <sup>th</sup> August 2018	DCWW Horizon Nuclear Power	Meeting to progress SoCG issues and provide update on the Wylfa Newydd Project. <ol style="list-style-type: none"> <li>1. Potable Water Figure</li> <li>2. Water Treatment Works Upgrades</li> <li>3. Cemaes Wastewater Treatment Works Odour</li> </ol>
14 <sup>th</sup> September 2018	DCWW Horizon Nuclear Power	General SoCG Catch up meeting to discuss issues in the tracker and brief DCWW on timescales for draft SoCG for submission to the Planning Inspectorate.
14 <sup>th</sup> November 2018	DCWW Horizon Nuclear Power	Review of the Cemaes Bay Rising Main Diversion Works.
10 <sup>th</sup> January 2019	DCWW Horizon Nuclear Power	Monthly meeting to discuss ongoing work and programme updates for ongoing SoCG issues.

2.1.1 Horizon shared with DCWW (amongst other statutory consultees) the draft application documents to support the DCO application that they requested, in September and October 2017. Specifically, DCWW were provided with copies of the following documents:

- Consultation report – any sections that deal with DCWW response;
- EIA chapters dealing with drainage and water supply;
- Draft DCO;
- Works plans and parameter plans, including relating to A5025 works and AD sites.

## **3 Current Position**

### **3.1 Position of Horizon Nuclear Power and Welsh Water**

- 3.1.1 The following schedule sets out the position of Welsh Water alongside Horizon's position as of 19<sup>th</sup> February 2019. It sets out key matters by topic area where agreement has been reached (green), where there are ongoing matters (amber) and if any issues are in a state of disagreement (red).
- 3.1.2 For ongoing issues, Horizon will provide an update to the Examination at later Deadlines, if there is any movement on the position.

**Table 3-1 Statement of Common Ground between the DCWW and Horizon**

Topic	Issue	SoCG ID	Document Reference/Sign post/ Route map	Position between parties	RAG	Action required to inform discussion on the issue
<b>3 Mega Litre Potable Water Supply</b>	The 3 Mega Litres (ML) per day requirement as confirmed by Horizon in October 2018	<b>WW01</b>	N/A	<p>Horizon have confirmed in October 2018 that they require 3 Mega Litre (ML) per day. Horizon has internally and externally reviewed the figure and determined it as robust. It should also be noted that the 3ML includes significant contingencies and Horizon considers that it will be sufficient to meet the requirements of the larger Site Campus.</p> <p>Following confirmation of the Horizon requirements of 3ML in October 2018, DCWW will meet this requirement and are assessing the options for providing this supply.</p>	Agreed	<p>3 ML Figure Review complete by Horizon</p> <p>DCWW now assessing options for providing this supply.</p> <p>It should be noted that design work will not be completed until the project is restarted</p>
<b>Shared cumulative information</b>	DCWW to share EIA report was produced for the underground pipes.	<b>WW02</b>	Environmental Statement (APP-055-402)	Both parties have shared their respective EIA information/reports. Horizon received DCWW underground pipes project EIA information on 23.10.17.	Agreed	No further action.
<b>Cemaes Rising Main</b>	Rising main from Cemaes to Cemaes Treatment Works needs diverting (for access purposes).	<b>WW03</b>	N/A	DCWW require a Section 185 (sewerage diversion application) to be completed between Horizon and themselves for the new Wylfa main. Horizon confirms this as acceptable and is targeted for April 2019.	Agreed	No further action.
<b>Site Campus Waste Water Treatment Works and Outfall</b>	Conclusion of the design and permit for temporary water treatment from the Site Campus	<b>WW04</b>	N/A	<p>The Site Campus will require a Temporary Wastewater Treatment Works at Wylfa Head, by the existing Permanent Cemaes Bay Wastewater Treatment Works, as capacity does not exist in the existing plant to serve the Site Campus. There is an option to send a portion of the flow to the existing treatment works following further investigation. Further work is required by DCWW to develop a preliminary design.</p> <p>DCWW and Horizon are currently discussing the modelling used for the proposed and existing outfall discharge points at Wylfa Head to ensure compliance. Horizon and its consultants will work collaboratively with DCWW to identify a mutually agreeable approach. Once an approach has been agreed Horizon and its consultants will conduct discharge modelling work before both parties agree on an optimum outfall solution and treatment requirements.</p>	Ongoing	<p>Horizon and DCWW will work collaboratively until design and outfall solution finalised.</p> <p>It should be noted that design work will not be completed until the project is restarted</p>
<b>Mains and foul water supply</b>	Mains and foul water supply to Associated Development and Off-Site Power Station Facility buildings	<b>WW05</b>	N/A	Horizon confirmed that the Associated Development and Off-Site Power Station Facility buildings which are located off-site will be serviced by the existing mains and foul water supply subject to final design, specification and demand. It should be noted that this excludes the site campus.	Agreed	No further action required.

Topic	Issue	SoCG ID	Document Reference/Sign post/ Route map	Position between parties	RAG	Action required to inform discussion on the issue
<b>Cemaes Wastewater Treatment Works</b>	Odours from the Cemaes wastewater treatment works affecting Site Campus	<b>WW06</b>	Environmental Statement Chapter D5 Air quality (APP-124)	The accommodation buildings to the west end of the Site Campus (within 70m of the centre of the Cemaes Wastewater Treatment Works (WwTW)) will be designed to reduce the exposure of residents to odour emissions. Ventilation strategy considers closed windows. Pre-fabrication of accommodation blocks ensures well-sealed windows. Any treatment plant works would be undertaken to required standards including odour control.	Ongoing	DCWW will review the mitigation measures that are available at the treatment plant works in parallel with the detailed design of its expansion, working with Horizon.  The detailed design works will not be completed until the project is restarted.
<b>Cemaes Bathing Water Quality</b>	Additional modelling on bathing water quality.	<b>WW07</b>	Water Framework Directive Compliance Assessment (APP-444)  Environmental Statement Volume D – WNDA Development D13 – The Marine Environment APP-132	NRW has advised that further modelling should be undertaken to examine how both the construction sewage discharge and site campus discharges (via the Dŵr Cymru Welsh Water (DCWW) sewage works) impact the Bathing Water.  Horizon met NRW and DCWW on the 1st October 2018 where the need and requirements for a Bathing Water Compliance Assessment were discussed.  The issue of Bathing Water Compliance was discussed with NRW and DCWW and the modelling will be reviewed. Advection dispersion modelling is proposed to predict the combined effects of the Horizon and DCWW discharges. This will be developed in conjunction with NRW and DCWW specialists and the results reviewed to examine the significance of the discharge on the Bathing Water. This work will be submitted to NRW and the DCO examination for consideration.	Ongoing	Additional modelling on bathing water quality will take place during the remainder of the examination.
<b>Protective Provisions</b>	N/A	<b>WW08</b>	Draft DCO (APP-029)	DCWW have issued their standard protective provisions (PPs) to Horizon for review, which is it doing. Horizon has also sent their draft PPs to DCWW, who in turn have responded with comments. This is being progressed.	Ongoing	Horizon and DCWW are progressing the Protective Provisions. Horizon will update the Examining Authority on progress throughout the examination.