

Wylfa Newydd Build Project Liaison Group (PLG)

MINUTES

Minutes of the Wylfa New Build Project Liaison Group held on Wednesday 1 October at Coleg Menai, Llangefni.

Attendees:

First Name	Surname	Organisation
Dr Stuart	Anderson	Conwy Borough Council
Gavin	Crook	National Grid
Cllr Goronwy	Edwards	Conwy Borough Council
W. Raymond	Evans	Anglesey Federation of Small Business
Marton	Fabok	Member of the public
Leon	Flexman	Horizon Nuclear Power
Richard	Foxhall	Horizon Nuclear Power
Damian	Hamilton	DWP
Cllr William Thomas	Hughes	Talybolion
Kenneth P	Hughes	Talybolion
Nia	Jeffreys	Natural Resources Wales
Llio	Johnson	Isle of Anglesey County Council
Dr Trefor	Jones	Bangor University
Gwynne Morris	Jones	Campaign for the Protection of Rural Wales
John Idris	Jones	Director of Energy Island Programme
Richard Parry	Jones	Isle of Anglesey County Council Chief Executive
Cllr Elfed	Jones	Llanbadrig Community Council
Cllr G.O	Jones	Lliffon
Gerallt	Jones	Menter Mon
Cllr Anna	Jones	Tref Alaw Community Council
Dr Geraint	Jones	Ysgol Syr Thomas Jones
Tony	Jones	Isle of Anglesey County Council
Cai	Jones	Office of Rhun ap Iorwerth AM
Steve	Knight-Gregson	National Grid
Arthur	Owen	Isle of Anglesey County Council
Saranne	Postans	Horizon Nuclear Power
Dr Ian	Rees	Coleg Menai
Alun	Roberts	Communities First Anglesey
Alun	Roberts	Môn CF
Cllr Bleddyn	Rowlands	Llanfachraeth Community Council
Wyn	Thomas	Coleg Menai
Cllr Dafydd Rhys	Thomas	Ynys Gybi
Clive	Thomas	Ysgol Gyfun Llangefni
Eric	Torr	Cwmni Cemaes Cyf
Gwilym E	Williams	Member of the public
Iwan	Williams	Natural Resources Wales
Keith	Williams	North Wales Ambulance Service

Emyr	Williams	Ysgol Uwchradd David Hughes
Apologies		
Rhun	ap Iorwerth	AM for Ynys Môn
Aaron	Bailey	Ysgol Syr Thomas Jones
Andy	Billcliff	CBI Wales
Jackie	Blackwell	CAB Ynys Môn
Tom	Conway	Wylfa Retirees Association
Carys	Edwards	Head of HR, Isle of Anglesey County Council
Dafydd	Elis-Thomas	AM for Dwyfor Meirionydd
Cllr Clifford	Everett	Holyhead Town Council
Janet	Finch Saunders	AM for Conwy
Andrew	Forfar	Tourism Partnership North Wales
Helen	George	Food Standards Agency
Cllr John	Griffith	Talybolion
Cllr Dafydd	Griffiths	Llanelian Community Council (Chair)
Llyr	Gruffydd	AM for North Wales
Geraint	Hughes	North Wales Fire and Rescue Service
Cllr Kenneth P	Hughes	Talybolion
Cllr Llinos Medi	Hughes	Talybolion
Alli	Hunt	NSA – Nuclear
Alun Ffred	Jones	AM for Arfon
Jac	Jones	Deputy Chair (Menter Mechell / Carrog Renewables / Ynni Talybolion)
Cllr John Arfon	Jones	Llanfaethlu Community Council
Linda Wyn	Jones	Representative of Energy Island Programme
Cllr Richard Owain	Jones	Twrcelyn
Stephen	Lindoe	Country Land and Business Association
Elfyn	Llwyd	MP for Dwyfor Meirionydd
Rita	Lyon	Communities First Cluster Manager for Anglesey
Cllr Aled	Morris Jones	Twrcelyn
Cllr Derek	Owen	Llanbadrig (Chair)/ Llanfachraeth/ Bodffordd Community Councils
Albert	Owen	MP for Ynys Mon
Delyth	Phillips	Chwarae Teg
Aled	Roberts	AM for North Wales
Aled	Roberts	Taran Disability
Cllr Val	Roberts	Amlwch Town Council
Phil	Scott	Anglesey Tourism Partnership
David	Shepherd	Bangor University
David	Walden	Office for Nuclear Regulation
Dylan	Williams	Head of Economic Development
Cllr Ieuan	Williams	Isle of Anglesey County Council Leader (Lligwy)
Adam	Williams	Ysgol Uwchradd Caergybi
Melanie	Wymer	Bodorgan Trust

If your name has been inadvertently missed from this list or recorded inaccurately, please contact Horizon on 0800 954 9516 or at wylfaenquiries@horizonnuclearpower.com

Welcome from the Chair

- The Chairman, Dennis Evans (DE), welcomed everyone to the meeting. DE invited Dr Ian Rees, Principal of Coleg Menai Llangefni to say a few words. Dr Rees welcomed everyone to Coleg Menai and said he was looking forward to working with all the partners involved with the Wylfa Newydd project in order to enable young and older people on Anglesey to gain and develop new skills.

Apologies and minutes of the last meeting

- Apologies were received. The minutes of the last PLG Meeting (8th May, 2014) were agreed as a true and correct record of proceedings and approved by members.

Site Activity Update – Charlie Tasker, Site Development Director

- Charlie Tasker (CT) explained the Wylfa Newydd project was progressing well. He said that at present there are 32 permanent staff at Wylfa site. This includes security personnel and embedded contractors. He expected further opportunities to arise in 2015 and well into the future.
- CT explained there are around 230 staff working in Gloucester on the project. It's expected this number will increase by up to 450 by 2017 due to the design, planning and licensing work that takes place there. He emphasised that while staff numbers will rise in Gloucester, Wylfa will experience the greatest increase in staff numbers and opportunities in the coming years. Once operational, Wylfa Newydd will employ around 1,000 members of staff.
- CT said roles in Gloucester and on-site at Wylfa are advertised in a number of ways:
 1. Horizon website – www.horizonnuclearpower.com/careers
 2. All local jobs in local newspapers
 3. Specialist journals
 4. Horizon Twitter feed @horizonnuclear (CT explained that that the use of digital engagement with the public was a new venture for Horizon)
- CT explained that helping people make the most of the opportunities presented by Wylfa Newydd is important and will form part of the education strategy currently under development by Horizon's new Education Programme Co-ordinator, Claire Burgess (CB). The strategy will be ready in 2015 and seek to engage younger people across the island to highlight the various roles available in the nuclear energy sector.
- CT displayed a diagram showing Horizon's expected construction timeline – from pre-construction through to main construction and into operation. CT explained a more detailed schedule is being developed with Hitachi-GE Nuclear Energy, Ltd. and this will clarify supply chain needs, work phasing and likely worker numbers for main construction. This schedule is expected to be ready in the first quarter of 2015.

- CT gave a brief update on current site activity. He said ground investigations are nearing completion and the removal of unsafe, derelict properties is scheduled to be carried out at the end of October. Supporting this work is Dawnus, which continues to provide maintenance support on site, such as fencing, improvements to haul roads and maintaining on-site paths and access.
- CT noted that ecological and terrestrial studies are ongoing through the autumn and winter to support the development of an Environmental Impact Assessment (EIA) report.
- CT explained a Welsh Language Impact Assessment (WLIA) is also well underway. This will identify any potential impacts on the Welsh language. Once these have been identified, Horizon will work with independent experts to assess how best to mitigate them.
- CT explained that alongside the appointment of CB, Horizon has also appointed a new Site Security Lead, Health & Safety Advisor, Environmental Coordinator and a Project Developer. These have all been locally based recruits and Horizon hopes to grow the site team in the near future, in turn bringing further opportunities to the local area.
- CT said that a new business programme has been launched to help suppliers prepare for the opportunities presented by Wylfa Newydd. The aim of this business programme will be to outline what Horizon expects from suppliers and businesses and prepare them for future tendering opportunities. A programme of workshops will be held in 2015 covering a range of areas, including how to respond to tenders, how to manage information and what risk assessments will need to be in place. CT explained a number of local companies are benefitting from the project already, including Corvus Security, which now looks after the facilities management of Horizon's Wylfa Newydd site office.
- To close, CT explained that while consultation is a major milestone for the project, Horizon will remain visible on-site during and after the consultation period closes. He explained work will continue on site and Open Surgeries will run from December and into 2015, so members of the community can continue to engage with Horizon.
- No questions were asked

Hitachi-GE – Mr Kenichi Sato (KS), General Manager, Licensing, Hitachi Europe Ltd

- Mr Kenichi Sato (KS) thanked the group for the opportunity to visit the Wylfa Newydd Project Liaison Group. He then gave a presentation on Hitachi-GE's work to date.
- KS gave an outline of the role of the 50 direct employees, secondees and embedded contractors working across the UK on the Wylfa Newydd Project and specifically the UK ABWR.
- KS explained that by the time main construction starts at Wylfa Newydd, Hitachi-GE expects to have a significant number of direct employees and secondees based in the region. KS

mentioned that Hitachi-GE has three offices in the UK: The Central office in Paddington, Liverpool (the office in which KS is based), and embedded with Horizon in Gloucester. He noted that in time Hitachi-GE expects to have further staff embedded with Horizon at Wylfa Newydd.

- KS explained how Horizon Nuclear Power has a Front Engineering and Design (FEED) contract with Hitachi GE Nuclear Energy (HGNE). This allows information sharing between the companies, in particular design information for the Generic Design Assessment (GDA) process.
- KS explained that Hitachi-GE will lead in two areas; in progressing the UK ABWR through the GDA process and, in the future, by leading on construction of Wylfa Newydd as a contractor to Horizon. KS noted that Horizon remains the developer and will be responsible for the Development Consent Order (DCO – planning application to Government) and all site licensing requirements.
- KS outlined how the GDA is project managed in the UK by Hitachi-GE. He explained that while Japanese experts were heavily involved, there are around 50 UK-based team members responsible for different aspects of the project. In turn, this team was supported by around 200 dedicated engineers based in Japan who are responsible for ensuring information on ABWR construction and design is passed to the GDA team here in the UK.
- KS said that over the course of GDA, Hitachi-GE will spend multi-millions of pounds in the UK. He noted media-comment that previous GDAs had entailed a UK spend in the region of £30m.
- KS explained the GDA is a step-by-step process of assessment, and each stage becomes increasingly more detailed as the design progress. This means the UK ABWR is thoroughly assessed for use in the UK before construction starts on site. Once the GDA is complete, a Design Acceptance Confirmation (DAC) is issued by the Office for Nuclear Regulation (ONR) alongside a Statement of Design Acceptability (SoDA) from the Environment Agency.
- KS explained that the GDA is based on 4 Phases. Phase One – preparation of the Design, Safety Case and Security Claims Overview - was completed in 2013; Phase Two – Fundamental Design, Safety Case and Security Claims Overview – is also complete. KS said the project team has now begun Phase Three, which focuses on Overall Design, Safety Case and Security Arguments Review. KS explained Hitachi-GE is aiming to complete Phase 3 in a year (at the end of 2015). Phase Four – Detailed Design, Safety Case and Security Evidence Assessment is expected to be completed by the end of 2017.
- KS stressed that Hitachi-GE is committed to transparent and open engagement with the regulators, stakeholders and the public. Since the launch of Phase Two, KS explained Hitachi-GE has developed and launched a GDA-specific website (www.hitachi-hgne-uk-abwr.co.uk) and invited members of the public and interested parties to ask questions and submit

comments on the process and technology. To date, more than 30 technical queries have been received.

- DE thanked KS for the presentation. He then asked if there were any questions.

Q&A

- Mr Gwyn Morris Jones (GMJ) asked why a Pressurised Water Reactor (PWR) was being proposed for Wylfa Newydd, as this technology was getting to the end of its life, and why Molten Salt/Thorium technology wasn't being considered.
- Leon Flexman explained that Horizon would deploy the ABWR, which is a different technology to the PWR. CT went on to explain that ABWR reactors are already a tested and proven technology available elsewhere in the world and can be built on time and to budget. He said Molten Salt and Thorium technology is unproven and is yet to be fully explored anywhere in the world. As a result, it would not only need to be proven commercially, but also progress through the same design assessment process the UK ABWR has to, meaning its chances of development in the UK any time soon are slim.

Wylfa Newydd: Formal Consultation – Kieran Somers (KSO), Head of Planning, Horizon Nuclear Power

- Kieran Somers (KSO) gave a presentation on Horizon's first phase of community consultation – which launched on 29 September.
- KSO explained the first step to consultation was the publication of a Statement of Community Consultation (SOCC) which was approved by Isle of Anglesey County Council in September before being published on 15 September. The SOCC outlines how Horizon will consult, on what issues and how feedback will be managed. He said the SOCC is available on the Horizon website ([http://www.horizonnuclearpower.com/files/downloads/SOCC/SOCC%202104%20\(English\)%20\(FINAL-LR\).pdf](http://www.horizonnuclearpower.com/files/downloads/SOCC/SOCC%202104%20(English)%20(FINAL-LR).pdf)) and in libraries across Anglesey, Conwy and Gwynedd.
- KSO gave an overview of Horizon's first phase of consultation. He explained that consultation was an important milestone for the project and the team. It was the first time local people, communities and stakeholders would be able to have their say on the project
- While people could submit comments on any part of the project, KSO explained some decisions were fixed.
- He said Horizon was proposing there would be two UK ABWRs on site, and there would be a need for supporting facilities that include laboratories and emergency control units separate to the site. He also said there would be a need to investigate a range of other supporting developments during construction, including workers accommodation, a park and ride site

and a logistics centre. A Marine Off-Loading Facility (MOLF) and temporary construction buildings would also be needed.

- KSO explained that one important point for discussion is the A5205 and the proposal of a new access road. This would divert the construction traffic away from Tregel and Cemaes Bay.
- KSO showed a diagram of the indicative MOLF development at Porth-y-pistyll. He noted while this is currently only a draft proposal, it will be finalised in the next few months, most likely by the beginning of 2015.
- KSO explained that around 10 million tonnes of material needs to be excavated and, at present, the intention is that this material will be re-used for contouring and landscape work onsite. One question Horizon is looking for responses to is whether the landscape and design should seek to blend the building into the surroundings, or be used to make it stand out.
- KSO spoke about developing the workforce. He said at the beginning of the construction period, there would be between 4,000 and 6,000 workers working on the site and it could reach up to 8,500 workers at peak times for a short period. Once the power station is fully operational the number of employees will be around the 1,000 mark.
- KSO explained Associated Development is an important part of the project – specifically temporary worker accommodation, park and ride and logistics. KSO said Horizon had identified a broad area of geographic search for these facilities outlined in the consultation documents. This area of land was based around a 30 minute drive to Wylfa and included 30 sites. Following feedback from the public, Horizon aimed to narrow this down to fewer than ten options by the second phase of consultation.
- KSO explained that alongside associated development, Horizon is often asked about road improvements. KSO said that while it was hoped larger or bulk items required during the construction could be carried by sea, there will still be a need to bring some materials by road. As a result, KSO said the A5025 will need to be improved in key areas, specifically Valley, Llanfachraeth, Llanfaethlu and Cefn Coch, with some minor road widening measures in other areas. KSO said these are covered in more detail in the Main Consultation Document.
- KSO explained that to support the Environmental Impact Assessment, two separate studies are underway to support the project's development. The first will be a report on the potential effects of the project on the Welsh language – the Welsh Language Impact Assessment. This work will be overseen by an independent group of experts, with advice being available from Welsh Government's Welsh Language Unit and the Welsh Language Commissioner's office, and chaired by Bethan Jones Parry. The second study is the Health Impact Assessment, which again will be overseen by an independent group of experts, and is chaired by Dr Andrew Jones, of Betsi Cadwaladr Health Board. KSO said social and leisure issues will also be considered as part of the consultation process.

- KSO explained there would be two main stages of consultation. Stage one runs from 29 September to 8 December – ten weeks – and stage two would launch around a year later. In between stage one and stage two, an interim feedback report will be published that outlines the responses received during stage one and how these comments have been considered and addressed.
- KSO said there may also be a need to carry out smaller rounds of targeted consultation on supporting facilities and associated developments between both phases. Open Surgeries, PLG meetings and ongoing engagement – presentations and/or attendance at community events – would continue throughout 2015 and into the future, as usual.
- KSO said consultation was structured around activities in three zones. Zone A was Anglesey, Zone B was Gwynedd and Zone C was North West Wales. KSO explained that the primary audience needed to be those closest to site – the most directly affected – along with those in areas of associated development, such as the A5025. Zones B and C will have a range of views on the project, from skills and jobs, to traffic and transport, language, culture and heritage. Ensuring everyone can have their say and has access to the consultation is important.
- KSO explained consultation would last ten weeks and be structured around a series of public events held in key locations across all three zones. These exhibition events would be manned by members of the Horizon team and provide people with a range of information – available in Welsh and English - on the project. There would also be a series of smaller drop-in events at major employers, leisure and public spaces, and project documentation is available at libraries and council offices across all three zones. KSO also said all information is available on the Horizon consultation website, through which people could also submit comments.
- KSO said Horizon was working to maximise inclusion by engaging with a range of groups that usually don't take part in consultation. These groups include young people, economically inactive, socially deprived, disabled groups or those with learning difficulties, and holiday home owners to ensure everyone has the opportunity to respond, and that responding is made as easy as possible. A series of events and presentations are being explored to help improve contact with these groups.
- KSO said the consultation is being widely advertised. Alongside a recent community newsletter, adverts were being placed in local newspapers, posters were being placed in libraries and public buildings around the region, stakeholders were being notified, a range of organisations had also been asked to contact their members, and Horizon had launched a new Twitter feed. KSO also asked all PLG members to do their best to encourage those they represent to get involved.
- KSO explained that they had made it easy for people to respond and they can feed back by completing the forms provided at exhibitions or online, by writing to the freepost address,

and also via the Wylfa enquiries email address. KSO explained that even though there is a freephone hotline available, all formal feedback must be in writing either in Welsh or English.

- KSO emphasised that feedback from the public, stakeholders and other groups and organisations are important to Horizon and to the future of Wylfa Newydd, and all comments will be acknowledged where possible. KSO said that all responses will be recorded, reviewed and considered in detail – all data is stored securely in keeping with the Data Protection Act. A consultation report will be submitted with Horizon’s DCO – this will explain how feedback was used to develop the final proposal. Where Horizon was unable to act on areas of feedback, it would explain why. KSO said Horizon has appointed a specialist data company – Dialogue By Design – to manage this part of the project.

Q&A

- GMJ asked whether under-sea transmission was being considered. He said strong feelings were being expressed against the development of more pylons across Anglesey. He said residents were adamant that cables should be placed on the seabed forming a link to the National Grid in Deeside.
 - Gavin Crook (GC) from National Grid explained more information on National Grid’s next stages would be made available in due course.
- John Idris Jones (JIJ) asked how Horizon was proposing to move spent fuel and nuclear waste once Wylfa Newydd was operation.
 - CT explained that a storage facility formed part of the nuclear development at Wylfa Newydd and spent fuel would be stored on site until it could be moved to a central Deep Geological Disposal Facility currently being progressed by the Government. CT said spent fuel can be stored safely and securely on site and this has always been the approach.
- Will Edwards (WE) this was the first time the PLG has been informed there would be a storage facility for spent fuel on site. He asked for more information about the facility and what would be stored there.
 - DE said information was available in consultation documentation on the facility and what would be stored there. He said the UK ABWR was proven technology, as was fuel storage and encouraged everyone to look at the materials and feedback their concerns to Horizon.
- A PLG member (*name not recorded*) asked how long waste will be stored at Wylfa Newydd.
 - CT said spent fuel would be stored on site for up to 100 years after operation.
- JIJ said spent fuel had been stored at Wylfa since the 1970s, but the original proposal was for 40 years before being moved to Sellafield.

- DE said spent fuel would be stored safely and securely and would be removed in line with regulations. DE said all those present should reflect on the consultation documents and that any further questions could either be sent to Horizon or discussed at the next PLG.
- Councillor Goronwy Edwards (GE) said large parts of Conwy are environmentally sensitive. He stated that any new pylons would harm the tourist industry.
- Llio Johnson (LJ) asked how Horizon was planning to engage and consult with children and young people, pointing out that they were a target group unlikely to visit a library and ask to view the consultation materials
 - Saranne Postans (SP) said Horizon is already working with Llais Ni to address how best to engage younger audiences and work was underway to develop a young people's PLG. KSO said engagement with younger audiences was a long-term aspiration too and highlighted the appointment of Claire Burgess.
- Emyr Williams (EW), Head Teacher at Ysgol David Hughes asked how schools would be engaged. He said the development could create financial difficulties for schools if a major influx of people would come to Anglesey. He also wanted to know whether people – teachers in particular – would be invited to attend workshops and whether the workshops would form part of a school curriculum.
 - CT said it was a business priority to support the local education system and an education engagement strategy was under development for 2015 onwards, as was work to establish likely impacts on local schools and other facilities. He said it is difficult this early to predict likely in-flow of people generated by the project but this will become clearer as Horizon and Hitachi-GE develop schedules and supply chain needs.
 - Richard Foxhall (RF) added that a number of meetings had already taken place with schools but that the development of any education programme needed to be a partnership between Horizon and the schools. Horizon needs help from schools in outlining their priorities, so their needs could be taken into consideration when plans are being developed. He encouraged representatives of schools to contact him to discuss the subject in more detail.
- Councillor G. O Jones (GOJ) said he was pleased to see the new site come forward and had been at Wylfa since 1971. He acknowledged operations at the existing station would soon be drawing to a close and asked what would happen to the current skilled staff working at the existing Magnox station? Could they be transferred to Wylfa Newydd to avoid losing high quality people in the gap between Magnox entering its decommissioning phase and Wylfa Newydd starting operations?
 - CT said Horizon works closely with Magnox and will share information and opportunities for staff transfer when these arise. There is a desire to tap into the existing skills base but equally, Horizon would not want to deplete the resources

available to Magnox – so timing is key. He stated that both parties are keen to ensure their requirements are met and staff skills are used effectively.

Any Other Business

- DE noted he had been part of a Wales delegation group to Japan in June 2014. He explained he and others had met with senior Hitachi executives and been shown around Hitachi City. His aim was to gain assurances for the Wylfa Newydd project and is happy to report the visit gave him complete confidence Hitachi could deliver on their promises and aims. He is satisfied it was a long-term investment in the area.
- GMJ raised the issue of how Wylfa Newydd would be connected to the transmission network and reiterated his concern at the prospect of new pylons being erected on Anglesey.
 - Gavin Crook (GC) from National Grid said that Celtic Arrays connection agreement been discontinued and the agreement with Horizon had been updated for the two reactors. Despite the reduction in generation there is the need for new transmission infrastructure. National Grid is presently reviewing how these changes along with the feedback received from consultation affect the strategic options previously presented.
 - He said a National Grid representative will be available at each of Horizon's consultation events through October and November and will aim to answer any questions that fall within their remit.
 - He explained that National Grid isn't yet able to answer detailed questions about connections but confirmed they would update communities in the new year to be followed by a stage of consultation later in 2015.
 - GMJ suggested that Martin Kinsey, Senior Project Manager at National Grid should be invited to address the next PLG.

Close

- DE thanked everyone for attending. The meeting closed at 7.30pm. Members were invited to attend a preview of the forthcoming consultation exhibitions, immediately following the meeting.

For more general project information or to ask Horizon any questions, please contact the team on 0800 955 9516 or at Wylfaenquiries@horizonnuclearpower.com and visit www.horizonnuclearpower.com

You can access these minutes and all the presentations from the PLG meeting via www.wylfa-plg.com