

Wylfa New Build Project Liaison Group (PLG)

MINUTES

Minutes of the Wylfa New Build Project Liaison Group held on Wednesday 8 May 2014 in the Horizon Wylfa Office, Cemaes Rooms A & B.

Attendees (in alphabetical order by organisation):

First Name	Surname	Organisation
Val	Roberts	Amlwch Town Council
John Idris	Jones	Anglesey Energy Island Programme
David	Shepherd	Bangor University
Dennis	Evans	Chairman - Wylfa PLG
Gwilym	Williams	Clough & Co
Wyn	Thomas (Vice Principal)	Coleg Menai (Director of Resources & Development) / Grŵp Llandrillo Menai
Eric	Torr	Cwmni Cemaes Cyf
Damian	Hamilton	Department for Work and Pensions
Clifford	Everett	Holyhead Town Council
Anthony	Hughes	Llanbadrig Community Council
Elfed	Jones	Llanbadrig Community Council
Dafydd	Griffiths	Llaneilian Community Council (chairman)
Bleddyn	Rowlands	Llanfachraeth Community Council
John	Arfon Jones	Llanfaethlu Community Council
Steve	Roberts	Member of the Public
Derek	Gadsdon	Member of the Public
Tim	Poole	Member of the Public
Lisa	Morgan	Member of the Public

Peter	Jones	Member of the Public
Jac	Jones	Menter Mechell / Carrog Renewables / PLG Vice Chair
Anne	Jones	Morgan Evans & Co LTD
Will	Edwards	NFU (National Farmers Union)
Keith	Williams	North Wales Ambulance Service
David	Walden	Office for Nuclear Regulation (ONR)
Sarah	Andrews	Public Health Wales
Dylan	Williams	Representative of Anglesey County Council
Stuart	Anderson	Representative of Conwy County Council
John	Griffith	Talybolion
Aled	Roberts	Taran Disability
Anna M	Jones	Tref Alaw Community Council
William Thomas	Hughes	Twrcelyn
Aled Morris	Jones	Twrcelyn
Richard Owain	Jones	Twrcelyn
Angela	Meadows	Welsh Water (Dŵr Cymru)
Tom	Conway	Wylfa Retirees Association
Margaret	Thomas	Ynys Mon - Citizen's Advice Bureau
Irfon	Morris	Ysgol Uwchradd Bodedern
Emyr	Williams	Ysgol Uwchradd David Hughes
Apologies		
Rhun	ap Iorwerth	Assembly Member for Anglesey
Melanie	Wymer	Bodorgan Trust
Gwyn	Morris Jones	Campaign for the Protection of

		Rural Wales
Andy	Bill Cliff	CBI Wales
Tecwyn	Robert	Chairman of Farmers' Union of Wales
Richard	Parry Jones	Chief Executive of Anglesey Council
Rita	Lyon	Cluster Manager – Anglesey Communities First
Linda	Jones	Energy Island Programme Representative
Heidi	Williams	Farmers' Union of Wales
Carys	Edwards	Head of Human Resources, Anglesey Council
Tony	Jones	Isle of Anglesey Council's Regional Community Cohesion Co-ordinator
Ieuan	Williams	Leader of Anglesey County Council
Derek	Owen	Llanfachraeth and Bodffordd Community Council
Albert	Owen	Member of Parliament
Elfyn	Llwyd	Member of Parliament for Dwyfor Meirionnydd
Mel	O'Hara	Member of the Public
Michael	Dodds	Member of the Public
Geraint	Hughes	North Wales Fire and Rescue Service
Andrew	Forfar	North Wales Tourism Partnership
Ken	Hughes	Talybolion Ward
Llinos	Medi Huws	Talybolion Ward
Jackie	Blackwell	Ynys Môn Citizens Advice Bureau
Clive	Williams	Ysgol Gyfun Llangefni
Aaron	Bayley	Ysgol Syr Thomas Jones Amlwch

Jean	Jones	Ysgol Syr Thomas Jones Amlwch
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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 first meeting of 2014.

Apologies and minutes of the last meeting

- Apologies were received. The minutes of the last PLG meeting (12th December 2013) were agreed as a true and accurate record of events and approved by members.

Project and site development update – Alan Smith (AS), Head of Site Development, Horizon Nuclear Power

- AS explained the Wylfa Newydd site was busy at present with ground investigation works well underway. This included drilling some 400 boreholes and trial pits to provide the team with detailed information on the ground and rock conditions. A good number of local people and companies were being used in this phase of activity, which will continue throughout the year.
- Following a period of bad weather earlier in the year, there had been a lot of storm damage to trees and woodland on site, some of which had posed a health and safety issue. Tree felling work had been ongoing throughout the winter/spring months to keep the site safe and clear.
- At the end of 2013, unsafe and poor quality buildings had been removed along Cemlyn Bay Road, and the intention was to follow the same process with other empty and unsafe structures still on site. This piece of work is scheduled to take place in late summer/autumn of this year.
- AS explained a new Wylfa Newydd site maintenance contract had been signed with Dawnus Construction earlier in the year to provide support services to Horizon.
- AS noted that surveying work was underway at Dalar Hir, land acquired by Horizon close to the A55 Valley Junction, to understand how the site might be used by Horizon in the future - though there were no firm proposals at present. He also noted that studies along the A5025 were continuing and early options for the route improvements will be shared as part of community consultation later in the year.
- AS noted that while the last few years had been turbulent at times, the project was continuing to make significant progress and he was buoyed by a lot of confidence in its development.

- AS said recruitment was stepping up and three new project engineers would be joining the site-based team in May. There would be further appointments to follow. Twelve members of the G4S security team had started work in April, all of whom were from the local area. Another graduate from Anglesey had also been employed as part of the Wylfa Newydd team.
- AS noted that developing the local supply chain was important and the team was eager to use local businesses where possible. In March, a business profiling event had taken place at the Tre-Ysgawen Hall in Llangefni to which more than 30 businesses from Anglesey and North Wales had been invited to meet with Horizon's strategic framework consultants – AMEC Nuclear, Atkins, Cavendish Nuclear and Jacobs UK. He emphasised Horizon continues to welcome contact from businesses who want to find out more about working with Horizon
- AS said the upcoming phase of community consultation is a matter of great importance. The first phase of consultation will take place starting in late September, and work is well underway to develop documentation and information for the public. AS said he was keen to see the consultation carried out in a meaningful and inclusive way with as many people as possible taking part. He said a re-published Statement of Community Consultation (SOCC) would be made available following consultation with Isle of Anglesey County Council and this will outline how the consultation will be managed.
- AS noted Horizon was continuing to engage with local primary and secondary schools, and that Richard Foxhall – Stakeholder Relations Manager - was spending a lot of time working with schools at present. Further work to develop an education strategy and outreach programme is ongoing and an advert had been placed in local papers advertising for a Horizon Education Officer. The Education Officer will be responsible for extending Horizon's engagement with schools in the area.
- In reference to technology, AS explained Step 2 of the Generic Design Assessment (GDA) was now underway for the UK ABWR. Having signed the assessment agreements in March 2013, Step 2 had been launched in January 2014. AS said Hitachi-GE will provide more information later in the meeting.
- To close, AS outlined what would be happening over the next couple of months, including continued engagement with the public (with Open Surgeries being held as well as Horizon's attendance at the Anglesey Show), continued site development activity, increased recruitment activity, working on key milestones to 2018 (licensing, consenting and site design) and community consultation in the autumn.

Q&A

- Will Edwards (WE) said he was surprised to hear AS couldn't be more definite that the project would definitely go ahead. He asked how positive he was about this.

- AS said he was confident the project was on track, but nothing is definite until a Final Investment Decision is made by Hitachi and this would not be happening until around 2018. However, he maintained that every step is a step forward and the team was very confident.
- Thomas Conway (TC) enquired whether the current ground investigations would reduce the quantity surveying required to determine how much earth would need to be excavated during construction.
 - AS said Horizon already had an understanding of how much excavation would be required and how the material removed will be used in landscaping etc. AS said keeping earth on site was the current plan and nothing would be removed - but this was constantly being reviewed. AS noted the site had been surveyed in the 1980s and that this information had also been fed through to Hitachi GE.
- TC asked whether the ground investigation work included the drumlins.
 - AS said this is where the drilling work was taking place now.
- With regards to felling trees, TC enquired whether Horizon had applied for approval for this element of work.
 - AS confirmed Horizon did apply for licences / permissions for all of the work. He also explained the community had been notified.
- Dylan Williams (DW) said he was looking forward to the forthcoming public consultation. He asked whether Horizon could give an idea of shift patterns and workforce during the build stage.
 - AS said he couldn't give a definitive answer yet. There would be shift work, and though this would be unlikely to be 24 hours a day, he believed there could be extended hours at times.
- DW referred to the situation in Hinkley, where there is a one hour limit for travelling to work on site. If this was the case for Anglesey it would mean implications for the island, with all workers having to stay on Anglesey itself. He enquired what was considered reasonable?
 - AS said the project team was assessing the management of personnel during construction and working to understand where the peaks of work would be. Horizon was also looking at similar projects around the world to assess learnings. He added that the geographical location at Hinkley is very different and provides the developer with a different set of challenges from those expected at Wylfa. He said road congestion was unlikely to be as much of an issue on Anglesey, for example, but the aim is to minimise impacts on Anglesey and surrounding communities.
- TC mentioned he had enquired about staff numbers at the existing station in the Site Stakeholder Group (Magnox's SSG) some time ago and that it appeared that out of 650 members of staff only 13% were from the island.
 - John Idris Jones (JIJ) replied this figure could not be correct and recalled that a survey undertaken a couple of years ago showed that around 85% of the workers lived on the island.

- Lisa Morgan representing the Magnox, Visitor Centre enquired about education and whether there were any ideas regarding the education policy.
 - Leon Flexman (LF), Head of Corporate Affairs at Horizon Nuclear Power, said the aim was to ensure engagement at primary, second, and higher education levels, and the Education Programme Co-ordinator would develop and deliver this strategy – though good work was already happening. LF explained the team was looking for input to see what is needed and wouldn't presume to come in with a certain set of ideas already in place. STEM subjects were likely to be a priority.

1 Introduction to Hitachi-GE

- Kenichi Sato (KS), having thanked the group for the opportunity to come to the meeting, gave a presentation regarding Hitachi-GE Nuclear Energy (Hitachi-GE) and the GDA process for the UK ABWR.
- KS outlined the project's structure and the role of the company in the UK – ultimately to provide technology to Horizon Nuclear Power. It is also the requesting party for the GDA of the UK ABWR.
- KS explained Hitachi-GE had a Front End Engineering and Design (FEED) contract with Horizon, would be supporting them with initial site work and would later lead the reactor construction as a contractor to Horizon. Horizon remains the developer and would be responsible for the Development Consent Order (DCO) process and all site licensing activities.
- KS said the GDA process continues to progress smoothly and in January 2014 the regulators had moved to Step 2 of the GDA process, which was supported by the launch of the new UK ABWR website.
- KS explained that GDA is based on a number of steps, each of which brings increasingly detailed scrutiny and Hitachi-GE would continue to update after each step. Step 1 involved preparing the Design, the Safety Case and the Security Submission, which had been completed. Step 2, the current phase, involves the Fundamental Design, Safety Case and Security Claims Overview, and the aim is to complete this step by September.
- KS talked about the UK ABWR website, which is available in English and Welsh, and had been launched alongside progression to Step 2. It includes information about the design, the GDA and Hitachi-GE, as well as safety information, videos and reactor diagrams.
- KS explained the key features of the ABWR – the most advanced nuclear reactor in operation. It is safe, reliable, cost competitive and includes simplified systems with high operability and short construction timeframes. It has received regulatory approvals in Japan, Taiwan and the USA and draws on decades of development in

BWR technology. The design itself has a long history but each unit has been improved over the years, so the UK ABWR is the most advanced design yet.

- UK ABWR will build on decades of BWR development and has also been able to take account of lessons learned from Fukushima. This includes: site layout – option to place backup building on raised ground; the protection of core facilities – watertight buildings and doors around backup features; loss of ultimate heatsink and loss of off-site power – diverse and independent methods of power supply and core cooling.
- KS explained there were four operational ABWRs, as well as four currently under construction in Japan and Taiwan. The timescales for the UK will be dependent on project-specific factors but a module construction approach will be used and the work will lead to significant opportunities for the supply chain in the UK.
- There is an aspiration for the UK supply chain to supply 60% of the total project value, providing significant opportunities at local, regional and UK level. KS emphasised that Hitachi and Horizon were working with local, Welsh and UK Government and sector bodies and educational institutions such as Coleg Menai and Bangor University. The current focus is on understanding the capability and capacity of the UK supply chain. He emphasised all suppliers must meet expectations and that Horizon / Hitachi required an approach that guaranteed delivery would be ‘right first time, every time’.
- DE thanked KS for the very informative presentation and said it was clear the project was moving forwards.

Q&A

- Tom from AMEC asked how many design improvements had been made comparison to Fukushima, for example, would the spent fuel pods be re-located?
 - KS explained there were several some key learnings that had been applied following Fukushima. It was not considered likely that the spent fuel pods would be relocated but consideration is being given to strengthening the upper level of the reactor.
- DE enquired about the approach to the GDA process, for example, would changes be made on an iterative basis, or would Hitachi-GE wait until the end of the process and then apply all of the changes at once?
 - KS said changes would be applied as the process progressed and would all be covered in detail as part of the detailed Pre Construction Safety Report (PCSR) submitted as part of the GDA process.
- DE asked whether it would be possible to incorporate the necessary design improvements in the time frame allocated to the GDA process?
 - KS said it was hard to give a definitive answer until they knew the nature and level of the required changes.

- Dafydd Griffiths (DG), Llanelian Community Council, referred to the sentence “*Aspiration for UK supply chain to supply 60% of entire project by value*”. He found it interesting that the word “*aspiration*” was used and enquired where the components come from – Europe, the US, the Far East?
 - KS explained components would come from a combination of places. Some elements will be imported from Japan, for example, but they’re looking at what can and should come from the UK.
 - LF noted the UK didn’t currently have a nuclear new build industry, having not built any new nuclear power stations for a long time. It was therefore difficult to say with any confidence which components could be sourced in the UK. This represents an opportunity to develop the required skills and Horizon / Hitachi are both working with the Welsh Assembly Government and the UK Government to grow the sector in readiness.
 - DG indicated, as someone who has taught in Sheffield, that it is a shame the construction industry in Britain isn’t currently able to guarantee the delivery of a larger percentage.

2 Energy Island Programme update

- John Idris Jones (JIJ) gave a summary about the Energy Island Programme and updated members on the latest information about the programme.
- He expressed the programme had been put in place for the benefit of the island. The vision is to establish Anglesey and North Wales as a world renowned centre of excellence for research and development, production and servicing of low carbon energy, ensuring local jobs for local people and opportunities for local companies. The programme involves working with developers and encouraging them to work with Energy Island to gain employment and create sustainable communities, not only on Anglesey but throughout North Wales.
- The aims of the programme include supporting low carbon energy developments, enhancing employment growth, preparing local businesses and sustaining communities.
- JIJ discussed the peak employment figures for various activities on the island – nuclear being 2,908 with a share of 78%, and being worth £132.7 million. This highlights how important new build is for the economy in Anglesey.
- It is likely that £25 billion will be invested over the next 10 to 15 years, so the opportunities are significant. JIJ listed proposed energy developments relating to the island including the Centrica Irish Sea offshore wind farm, offshore wind power by Gwynt y Môr, Lateral Power with its proposed Biomass/Eco Park, the proposed Tidal Array project by Marine Current Turbines and nuclear. A new development had also

come to light and the programme was about to start working with Minesto, a new Tidal Array Project located around 6 miles off Holyhead.

- JIJ explained Isle of Anglesey County Council has adopted a Voluntary Community Benefits plan. Such plans are essentially goodwill contributions voluntarily donated by a developer for the benefit of communities hosting a development in recognition of the impact they have on local resources or the environment.
- JIJ explained the new developments will need skilled people to deliver them, and creating these skills is in part the role of the private sector with Energy Island support. Centrica has been working with Ysgol Syr Thomas Jones Amlwch regarding STEM, for example, and Cwmni Prentis Menai – driven by Coleg Menai with support from Horizon has also been successful. The programme also continues to work with the Welsh Government to create opportunities. That includes engaging with developers and working with Horizon to recognise the opportunities.
- It's important to develop a competitive infrastructure adequate for a 21st century power station. The programme was encouraging the Government to bring fast broadband and mobile phone coverage into the island and encouraging enhancements with regards to transport. He noted that Anglesey had also of course been recognised as an Enterprise Zone.
- The priorities for 2014/15 are to co-ordinate and progress the Major Energy Programme Delivery Team function; collaborate with project developers and other public sector organisations to invest in competitive people, business and infrastructure to capitalise upon local and regional opportunities for jobs, growth and prosperity; maximise the socio-economic benefits of major energy developments; and co-ordinate and progress the Energy Island Programme activities to help secure major energy developments. The aim is to raise young people's awareness of opportunities, and by working with companies such as Centrica and Horizon they hoped to ensure jobs on the island for young people.

Q&A

- DE stated that he very much hoped the young people of Anglesey would do their best and compete with others in order to get jobs on Anglesey. It's not only a case of competition for the people of Anglesey, its competition throughout Britain. He emphasised the importance of making these decisions now and gaining every qualification possible.
- Sarah Andrews (SA) from Public Health Wales noted there was an impressive range of contributors and technologies, and enquired whether the range of skills development is reflected in Coleg Menai's offering to young people.
 - JIJ stated that the fundamental skills are transferable and are supporting. He said it's not just about nuclear; it's across low carbon industries.

- Wyn Thomas from Grŵp Llandrillo Menai noted that if the group would like to see the facilities available they would be more than happy to facilitate a meeting there for Horizon.
 - DE noted that he was very impressed with the opportunities offered there and the offer was greatly welcomed.
- Cllr Aled Morris Jones (AMJ) thanked JIJ for the presentation. He reiterated that the Energy Island Programme had been established by the County Council. This programme came along at a time when there was no interest in a nuclear build. He wished for Horizon to comment on local workforce as this development needs to be successful for the people of Anglesey. He emphasised how important it is to look after the communities this will be affecting. He also stated that there will be massive disruption and that local communities should be looked after.
 - AS noted that he had been attending the PLG for a number of years and maintained Horizon had taken communities' views on board in that time. He emphasised there was a need for a range of skills on the project and these skills weren't always available. He highlighted the G4S recruitment as an example of this; while most come from the local area, it's not always possible for everyone to be available locally. AS said developing these skills locally was a key benefit of the Energy Island programme and the project was having a positive impact. AS said Horizon was doing the best they could at the moment, and as they were planning to be around for 100 years they wished to do things right.
- Stuart Anderson noted that sustaining communities was fourth on the list. You had a bad winter. The tidal stream is at a bit of a dead end. With regards to the Tidal Range project, this is going to be major and I hope it will be on your agenda.

3 Overview of the draft Nuclear New Build Supplementary Planning Guidance (SPG)

- Gareth Hall (GH) gave an overview of the purpose of the Supplementary Planning Guidance (SPG). He explained it is important for the Council to have plans in place to deal with complex processes, considering any development outside the main Wylfa site (for example workers' accommodation, park and ride etc) would be considered by the Council. With the SPG, the Council is setting a framework to provide guidance to Horizon when it comes to consultation and so forth.
- The SPG will provide Isle of Anglesey County Council with interpretation of national and local policies along with guidance to inform, and respond to, Horizon public consultations. It provides a basis for Local Impact Reports and Statements of Common Ground; policies for determining planning applications for enabling works and associated developments; mitigation measures for adverse impacts and enhancement measures for benefits (Section 106 obligations).
- GH explained the vision for the SPG is as follows: "The New Nuclear Build at Wylfa is a positive driver for the transformation of the economy and the communities of

Anglesey, providing sustainable employment opportunities, improving the quality of life for existing and future generations and enhancing local identity and distinctiveness". GH explained everything flows from this vision.

- GH said the SPG also includes guiding principles for issues such as local job creation and skill development, the local supply chain, supporting tourism and complementing it, community cohesion, use of council powers and climate change. GH explained the guidance also looks at location issues for certain services, such as where associated development may go.
- GH explained the SPG has been subject to community consultation. Documents had been posted on the IACC website and social media, and notices and adverts have been issued in the local press with copies on display in Council Offices and in 10 local libraries. Three public events have been held at Llangefni, Holyhead and Cemaes and IACC Senior and Middle Managers had been briefed.
- The emerging themes from the public consultation process to date include ensuring jobs for local people - especially young people, maximising contract opportunities for local businesses, providing appropriate skills training, locating workers accommodation properly, and impacts on communities and the Welsh language. Other issues included the impact of road improvements along the A5025, the safety of nuclear technology in light of Fukushima, and the storage of nuclear waste on site and its ultimate disposal. Those consulted also wanted a proper review of Horizon's own consultation later in the year.
- GH explained comments are now being analysed and the draft SPG is being revised. Following full scrutiny in June 2014 the final draft will be provided for the Council for final approval and adoption late July 2014. It will then inform Horizon's consultation in September, right through to the local impact report, so no stone is left unturned.
- DE stated that it was clear, between Energy Island and the County Council, that a lot of movement had taken place and that everyone appeared to be very well prepared. He enquired whether Dylan Williams (Isle of Anglesey County Council) had anything to add.
- DW wished to state the PLG should not underestimate the importance of this document. The County Council will be referring to it throughout the process, and it needs to be right. DE added that this document will be the blueprint for Council engagement with the project.

Q&A

- TC enquired what the role of Britannia Bridge was considering, for example, what KS had said about modular constructions with components coming from Japan and so forth. He said there had been talk of a Marine Offloading Facility (MOLF) that would be built on the site and used to bring components in by sea, easing road traffic –

however he felt that a lot of people and equipment would still be transported by road.

- GH said logistics would be important, but it is up to Horizon to prove there are no adverse effects on the Britannia Bridge, and traffic impact assessments would be fundamental. It won't solve the peak problems we have at present but Horizon will have to prove it won't make things worse.
- DE said that 5,000 people leave Anglesey for Bangor in order to go to work each day, while around 1,000 people come over the bridge into Anglesey.
- Derek Anderson (DA), asked who controls the planning for the Marine Offloading Facility?
 - AS noted that this was going to be a permanent fixture, and in the long term it could be used for the decommissioning of Wylfa A. This would mean planning will be the Welsh Government's responsibility.
- Peter Jones (PJ) of Llanfaethlu Community Council asked about A5025's planning and approving compulsory purchase orders, as well as on line improvements because people still don't seem to know what is happening.
 - AS said survey work was being done at present in order to gather information and the matter would be discussed during consultation later in the year. AS stated the road from Valley to Wylfa does need an upgrade and Horizon will be working alongside the Council to establish what needs to be done and where. These different options will then be shared with the community during consultation.
 - AS added Horizon had never threatened Compulsory Purchase and they do not want to go down that route.
 - DE added that this is clearly unfortunate but it's a matter that has to be worked through.
- DE added that the National Grid is also an issue and even though they had been invited to a meeting they did not feel that they were in a position to be able to come at present.
- Will Edwards asked how it would be possible to approve the SPG in July 2014 if National Grid hadn't explained their intentions.
 - GH noted the SPG exists to reinforce the Council's planning policies in relation to major projects. National Grid's project would require a Development Consent Order, and this is considered by the Government.

7 Any other business

- John Arfon Jones (JAJ) of Llanfaethlu Community Council asked what the likelihood would be of the Council turning round and saying 'no' to Wylfa Newydd.
 - GH replied that while the principle for a power station had been accepted, the guidelines will inform the consenting process, the effect on communities and so forth. These will have to be met by the developer.

- JAJ emphasised that the project will be ongoing for some time, what will happen if future councillors are against the development?
 - AMJ stated that it would be politically irresponsible to reverse support after coming so far. This is a duty and political will to see it succeed.

8 Close

- The date of the next meeting will be circulated to members in due course
- DE thanked everyone for their attendance. The meeting was closed at 7.45pm.

For more general project information or to ask Horizon any questions, please contact the team on 0800 954 9516 or at wylfaenquiries@horizonnuclearpower.com and visit www.horizonnuclearpower.com

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