

Wylfa New Build Project Liaison Group (PLG)

MINUTES

Minutes of the Wylfa New Build Project Liaison Group held on Thursday 12th December 2013 at 5.00pm in the Horizon Wylfa Office.

Attendees (in alphabetical order by organisation):

| First Name | Surname | Organisation |
|------------|--------------|---|
| John Idris | Jones | Anglesey Energy Island Programme |
| John | Burnell | Burnell's |
| Gwynne | Morris Jones | Campaign for the Protection of Rural Wales / YDCW |
| Gwilym | Williams | Clough & Co |
| Wyn | Thomas | Coleg Menai |
| Eric | Torr | Cwmni Cemaes Cyf |
| Joan | Hopkins | Dafydd Rowlands |
| Damian | Hamilton | Department for Work and Pensions |
| Alan | McGoff | Environment Agency |
| Ieuan | Williams | Leader of Ynys Mon County Council |
| Elfed | Jones | Llanbadrig Community Council |
| Dafydd | Griffiths | Llaneilian Community Council |
| Bleddyn | Rowlands | Llanfachraeth Community Council |
| John | Arfon Jones | Llanfaethlu Community Council |
| Peter | Jones | Llanfaethlu Community Council |
| Steve | Roberts | Member of the Public |
| Derek | Gadson | Member of the Public |
| Patricia | Gadson | Member of the Public |
| Jac | Jones | Menter Mechell / Carrog Renewables / PLG Vice Chair |
| Anne | Jones | Morgan Evans & Co LTD |

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|----------------|---------------|-------------------------------------|
| Simon | Jones | Morgan Evans & Co LTD |
| Iwan | Williams | Natural Resources Wales |
| Will | Edwards | NFU (National Farmers Union) |
| Geraint | Hughes | North Wales Fire and Rescue Service |
| Dave | Walden | Office for Nuclear Regulation (ONR) |
| Sarah | Andrews | Public Health Wales |
| John | Llwelyn Jones | RICS |
| Kenneth P | Hughes | Talybolion ward |
| John | Griffith | Talybolion ward |
| William Thomas | Hughes | Twrcelyn ward |
| Tony | Owen | W Owen Estate Agents |
| Angela | Meadows | Welsh Water (Dŵr Cymru) |
| Tom | Conway | Wylfa Retirees Association |
| Karen | Garrod | Ynys Mon - Citizen's Advice Bureau |
| Aaron | Bayley | Ysgol Syr Thomas Jones |
| Jean | Jones | Ysgol Syr Thomas Jones |
| Nicholas | Andrew | Ysgol Syr Thomas Jones |
| Jessica | Andrew | Ysgol Syr Thomas Jones |
| Irfon | Morris | Ysgol Uwchradd Bodedern |
| Geraint | Llŷn | Ysgol Uwchradd David Hughes |

Apologies

| First Name | Surname | Organisation |
|------------|---------|-------------------------------|
| Val | Roberts | Amlwch Town Council |
| Barbara | Avery | Anglesey Federation of the WI |

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|---------------|-------------|--|
| David | Shepherd | Bangor University |
| Richard Parry | Jones | Chief Executive of Ynys Mon County Council |
| Stephen | Lindoe | Country Land and Business Association |
| Tim | Jones | Countryside Council for Wales |
| Helen | George | Food Standards Agency |
| Carys | Edwards | Isle of Anglesey Council's Head of HR |
| Enid | Williams | Isle of Anglesey's Youth Service |
| Anthony | Hughes | Llanbadrig Community Council |
| John | Jukes | Llannerch y Medd Community Council |
| Rhun | ap Iorwerth | Local Welsh Assembly Member |
| Albert | Owen MP | Member of Parliament |
| Mel | O'Hara | Member of the Public |
| Michael | Dodds | Member of the Public |
| Frances | Cattanach | NWWT |
| Linda | Jones | Representative of Energy Island Programme |
| Cheryl | Whitaker | Representative of Welsh Government (North Wales) |
| Llinos Medi | Huws | Talybolion ward |
| Aled | Roberts | Taran Disability |
| John | Chamberlain | The Anglesey Agricultural Society/ Holyhead Rotary Club. |
| Andrew | Forfar | Tourism Partnership North Wales |
| Aled Morris | Jones | Twrcelyn ward |
| Richard Owain | Jones | Twrcelyn ward |
| Jackie | Blackwell | Ynys Mon - Citizen's Advice Bureau |
| Emyr | Williams | Ysgol Uwchradd David Hughes |

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. He noted that nearly three years have passed since the first meeting and a lot has happened in that period.

Apologies and minutes of the last meeting

- Apologies were received. The minutes of the last PLG meeting on 17.4.13 were agreed as a true and accurate record of events and approved by members.

Project and site development update - Charlie Tasker (CT), Site Development Director

- CT thanked everyone for attending the meeting and described the year as having been a 'busy year' for Horizon, and 'strong year' with 'strong support from the local community' which he appreciated. He welcomed any feedback and encouraged constant communication.
- He said there had been significant environmental studies taking place at Wylfa and on the A5205 in order to gain sufficient information on environmental constraints. He said the studies would continue for 12-18 months until Horizon was satisfied that they had sufficient information for the environmental assessments which form part of the planning process.
- Horizon had noticed a significant number of trees across the site were dead and posed a potential health and safety risk. He explained that Horizon would proactively manage this with a tree felling programme and planned to donate the timber to the local community. The timber could also be used in the construction of environmental mitigation measures such as Bat Barns.
- CT said Horizon had undertaken field vibration tests (which were completed in December). They used small explosive devices to measure vibrations and ground conditions.
- Subject to receiving the necessary approvals, Horizon is proposing to utilise the UKABWR (Advanced Boiling Water Reactor). Horizon and Hitachi-GE are working on detailed designs for the site layout.
- CT said it was likely Horizon would be working with a four tier Framework Contract.
- CT confirmed the decision for a two unit layout was announced in November during the stakeholder engagement event organised by Horizon at Red Wharf Bay. The total generation capacity of Wylfa Newydd will be a minimum of 2,700 MW.
- CT confirmed that the Generic Design Assessment (GDA) process was now underway in the UK and the Horizon team will be supporting this activity alongside Hitachi-GE. The initial steps began in 2013, and the agreement was signed in March. He added that Stage 2 of the submission process will take place early in 2014. The target completion date was likely to be some time in 2017.

- He said Horizon continues to benefit from political support at all levels – National Government, Welsh Government, and Local Government. Hitachi, Horizon and HM Treasury have all signed a co-operation agreement, as part of the UK Infrastructure Plan aimed at attracting external funding and investment underwritten with a Government guarantee. A 'strike price' has been agreed between Government and the Hinkley Point C project, which demonstrates the Government's long term commitment to nuclear energy generation.
- Supply chain events have been held at Llandudno and Gloucester – these events jointly welcomed nearly 500 delegates.
- Horizon has already let more than 52 contracts across Anglesey and North Wales. It is hoped that up to 60% of the value of the first reactor could flow to UK companies. Horizon is working with the Welsh Government in respect of this commitment from Hitachi.
- With regards to education and skills, CT said that Horizon actively supports Coleg Menai's engineering apprenticeship training course 'Cwmni Prentis Menai', and has invested £270,000 in the scheme to date.
- There are plans for Horizon to appoint an Education Officer in 2014, based in Wylfa, and they are also looking to appoint two graduates from Anglesey – 1 part-time at Wylfa/Gloucester, the other full-time in Gloucester – with the intention of that person being able to move back to Anglesey in the long term.
- A launch event was held at the Tavern, Red Wharf Bay, with local stakeholders to announce the new name – Wylfa Newydd. Also, this launch event was an opportunity to officially publish Horizon's new Welsh language policy and announce sponsorship support for Menter Mon.
- The Open Surgeries in Cemaes and Llangefni continue to be well attended, and Horizon again hosted a popular marquee at the Anglesey Show.
- The first period of formal public consultation on Horizon's plans will take place in 2014. There's a lot of work currently going on in preparation, with significant engagement with Department of Energy & Climate Change, Welsh Government and Isle of Anglesey County Council / Energy Island. He also said that they aim to increase recruitment significantly during 2014 and that the Horizon workforce would grow considerably over the year.
- CT gave an overview of the project's milestones including licensing, consenting and site design. There will continue to be an emphasis on community engagement and public consultation relating to every aspect of the project from workers' accommodation to park and ride services and A5025 improvement.

- CT also highlighted Horizon's recent launch of its Welsh Language Policy, which demonstrates the company's long-term commitment to protecting and enhancing the use of the Welsh language. Support is available for Horizon employees wishing to learn Welsh and CT said a number of his colleagues are taking advantage of this opportunity.

Q&A

- The Leader of Anglesey Council, Cllr Ieuan Williams, thanked Horizon for maintaining good communications with the council, the community and other organisations. With big projects, such as Wylfa Newydd, he believed that it was a case of: *'the more communication; the better'*.
- Tom Conway (TC) asked whether Horizon's recent decision to propose two reactor units for Wylfa Newydd was made because of National Grid / transmission network limitations. He also asked if 'the national interest' has been considered as the country is desperate for power and there is widespread fear that *'the lights will go out.'*
 - CT confirmed that the national interest was always a key consideration but the two unit proposal was being preferred due to considerations over design, deliverability and layout.
- Cllr John Griffiths (JG) raised the importance of job creation for local people and opportunities for local businesses. In addition, Dr John Idris Jones (JIJ) asked how much effort was being put into attracting local experts, currently based overseas, to come back to Anglesey. He enquired about advertising jobs on a local and national level and asked whether Horizon is organising a communication programme to encourage this. He said a number of professionals who have moved away to seek employment, and are now in their 40's and experts in their chosen field, are looking to make a return to Anglesey. How are these people being targeted?
 - CT confirmed that a new Education Officer role has been created at Horizon with recruitment taking place in 2014. He said Horizon is working hard with the supply chain to engage local contractors and a major supply chain event was held in Llandudno last year to highlight the opportunities available. The recruitment campaign is gaining momentum and Horizon is working with organisations including Energy Island / Isle of Anglesey County Council to maximise opportunities for local people and businesses. The local response to recruitment advertising for senior engineering roles has been poor, but there are strategies in place to target the generation of professionals mentioned by JIJ.
- Cllr John Griffiths also asked about Horizons plans for workers' accommodation.
 - CT said there are many opportunities and ideas on the table – including the Land & Lakes development. The expectation is that a range of options may be required. Some workers will already live locally, some can take advantage of existing accommodation on the island and some will need bespoke facilities.

- Will Edwards mentioned rumours that Horizon had bought the old Shell Oil Tank Farm at Rhosgoch. If it were true, then it would be good news for Rhosgoch as the site is in such a disgraceful state.
 - In response, it was confirmed that Horizon did not intend to use the site – but it had been assessed. Cllr Ieuan Williams confirmed DTZ are marketing the property but no offers had been received as yet.
- Jac Jones said he welcomed the appointment of an Education Officer and he welcomed the effort to engage with school leaders. The Chair reiterated that this is a project for our children and that it's essential those who represented young people attended these PLG meetings.
 - Irfon Morris (Ysgol Uwchradd Bodedern) agreed and thanked Horizon for efforts to engage with his school to date. He commented that pupils are already beginning to understand the potential opportunities that will be presented by the Wylfa Newydd project.

Introduction to the Office for Nuclear Regulation (ONR) – Dave Walden, ONR

- Project inspector at the Office for Nuclear Regulation (ONR), Dave Walden (DW), who coordinates the ONR's regulatory responsibilities, delivered a presentation introducing the ONR to the group. He gave an overview of the ONR's role and the current activity being focused on the Wylfa Newydd project.
- DW explained that the ONR is independent of the nuclear industry and is accountable to HM Government. Its mission is to provide efficient and effective regulation of the nuclear industry.
- Rigour needs to be applied every step of the way. Organisations like Horizon wishing to carry out nuclear activities need to apply for, and be granted, a nuclear site licence (NSL). He expects Horizon to be a competent operator.
- It is the ONR's duty to ensure its processes and regulatory judgments are open, transparent and robust. EDF has been through a similarly robust process for its Hinkley Point project over the last 4 years. Both the ONR and Environment Agency websites feature reports on all assessments and the ultimate decisions to grant licences. There is detailed information about the ONR's role and activities on its website:
<http://www.hse.gov.uk/nuclear/index.htm> People can register on the website and receive monthly e-mails.
- The ONR is already heavily involved, even during these early stages. In the pre-application phase the ONR will work with Horizon, so that when it gets to the point of applying for a licence, they can be assured that the right foundations are in place. That process has started.

- The timescale between receiving application, making a decision and granting an application is approximately two years – but this often depends on the level of co-operation and ground work between the two organisations in advance.

The role of Natural Resources Wales (NRW) – Iwan Williams, NRW

- Programme Manager of Energy Island, Iwan Williams (IW), at Natural Resources Wales gave a presentation on the role of Natural Resources Wales (NRW).
- IW has been working on the Energy Island programme for two years but NRW is a fairly new organisation (established 1 April 2013). It brings together the work of the Forestry Commission Wales, the Countryside Council for Wales and Environment Agency Wales as well as some functions of the Welsh Government. Its aim is to ensure that Wales's resources are sustainably maintained, used and enhanced.
- Water resources, forestry, nuclear power stations, industrial and waste sites are all examples of the things regulated by NRW, protecting local communities and the environment.
- NRW manages a lot of land in Wales – 7% of the land and over 300,000 acres of woodlands. They maintain almost 2,000 miles of flood defences and main rivers, reducing the risk of flooding for over 60,000 homes. NRW also provides outdoor recreation – 500km of mountain biking tracks and 450km of walking sites.
- NRW's main responsibilities in connection with Wylfa Newydd include:
 - Work with EA on Generic Design Assessment of the UKBWR
 - Environment Permitting Regulations
 - Marine Licensing
 - Planning Consultee – working with planning organisations to make sure the appropriate assessments are made
 - Providing advice and guidance to the developer – working closely with the developer to ensure that the applications are of the highest quality
 - Working with regulatory partners i.e. county council
 - Stakeholder engagement – very important, especially regular engagement with people who live in the vicinity of the proposed sites
- The NRW team for the Energy Island programme includes IW as Programme Manager, Nia Jeffreys as Communications and Stakeholder Leader, Anita Jones as Administrative Support Officer, and Manon Roberts as Technical Support Officer. Horizon is therefore not just creating employment directly, but also indirectly through regulatory and associated organisations.

Generic Design Assessment Process overview – Alan McGoff, Environment Agency

- Alan McGoff (AM), from the Environment Agency (EA) gave a presentation to update members on the Generic Design Assessment. A lot has been achieved in 2013 and it's a very

exciting time with tremendous opportunities for the future. He emphasised that nuclear is a long term commitment.

- AM explained the GDA process and the approach to regulating new nuclear build. Phase 1 of the process purely considers the design on a generic basis. Site specific considerations are added to the requirement during Phase 2.
- The objectives of GDA are:
 - **Engaging early** – maximising influence – the earlier you engage, the more influence you'll have
 - **Identify and resolve key issues before build** – reducing cost and time risks. Some of the problems that have been seen in other designs exist because construction had started before the level of designs had reached maturity
 - **Integration of Safety, Security, Environment**
 - **Simplifying site specific phase and standardising plants** – work upfront simplifies the process later on
 - **Licensing / permitting programme in line with investment decisions** – the role of a regulator is to enable, not block
 - **Openness, transparency and public input, building public confidence** –there has always been a perceived history of secrecy within the nuclear industry, it needs to build public confidence through greater transparency
 - **Regulators working together** – GDA is a tool which clarifies expectations and provides consistency.
- The assessment team's subject matter experts (SMEs) – world leaders in their fields, and the ONR and EA assessment teams work in coordination, supporting each other. The teams also have technical support contractors working for them as required. NRW is always properly involved in their assessment – Iwan Williams is a member of the team.
- There is a systematic process for identifying issues requiring resolution by the applicant:
 - **Regulatory Issue (RI)** – is used for a significant concern
 - **Regulatory Observation (RO)** – is used for a potential concern
 - **Regulatory Query (RQ)** – is used to clarify understanding

An on-going dialogue of 'comments' and responses passed between the vendor the EA helps to further inform the process.

- GDA sets high standards of openness and transparency as public confidence is absolutely vital.
- GDA 1 (two designs of UK EPR) assessments started in 2007 and by 2011 they had completed the four steps of assessments. The incident at Fukushima caused a six month delay, allowing time to take full account of lessons that could be learned.

- The process isn't about comparing reactors. It looks at each individual design on its own merits. The early influence allows the required modifications to be incorporated well ahead of construction.
- Lots of lessons have been learned during GDA 1 both in terms of what worked well and what could be improved. For example, communication was identified as a key issue. Language needs to be clearer. Saying 'yes' and 'no' more definitively is important, particularly when dealing with colleagues speaking different languages. Similarly, subtle differences relating to international business culture need to be recognised.
- The GDA process cannot be rushed. It is better that people deliver to a high quality and take the time they require to do so. Drops in the quality of materials supplied / responses given would ultimately lead to longer delays.
- The GDA process is an independent programme but is ultimately funded by industry, not by the UK's government / taxpayers.

Q&A

- CT thanked everyone for their informative presentations and said that Horizon's relationship with the EA / ONR was well established.
- JG enquired about the effects of the project on public services. The large number of workers required during the construction process would create an increased demand on public services e.g. energy, school, health, sewerage network, etc. Does Horizon have plans in place to make a financial contribution to public services?
 - CT confirmed this would usually be incorporated into the planning process using a Section 106 agreement. This is an area that Horizon has been looking at for some time. For example, members of the Horizon team have a well-established programme of regular meetings with the emergency services to discuss the project's impact on their operations.

AOB and next meeting dates

DE thanked everyone for attending.

Richard Foxhall (RF) advised members there would be an open surgery held as part of Horizon's on-going community engagement programme at Cemaes Village Hall on the 20th of January 2014 between 1pm and 7pm.

The meeting came to an end at 7.05pm.