

NDA Monthly Update

November 2014

Summary

- 1,400 visit Supply Chain Event
- £13 million for nuclear R&D
- Oldbury reaches half-way stage
- New offices open for business
- Extra lease of life for Wylfa
- Research bursary available
- NDA leads risk management forum
- New PBO starts work at Magnox Ltd and RSRL
- Last fuel leaves Sizewell
- Quayside project under way
- Nuclear licence lifted from Harwell plots of land

Diary Dates

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| • Britain's Energy Coast Business Cluster Annual Awards | 13 November 2014 |
| • MoD begin consultation on submarine waste | 17 November 2014 |
| • Public engagement starts on NDA Archive, Wick | 25 November 2014 |
| • Official opening of Mon Training Academy, Holyhead | 22 December 2014 |

Supply Chain Event attracts 1,400 visitors

The fourth annual NDA Estate Supply Chain Event was the most successful so far, with around 1,400 visitors at the Manchester venue. Now believed to be the largest event of its kind in Europe, the aim of the day, at EventCity, was to provide greater visibility of contracting opportunities across the NDA's 19 UK sites, through informal networking and access to senior figures from the decommissioning sector. The event featured 260 business stands, as well as a range of presentations by representatives from the UK Government, NDA and the Site Licence Companies. A highlight of the event was the ceremony celebrating this year's winners of the Supply Chain Awards

[Weblink: Success of supply chain event](#) and [awards](#)

£13 million for nuclear R&D

UK companies and consortia have been awarded a total of £13 million to help develop innovative technologies for the nuclear industry, covering decommissioning, existing operations and new build. The funding is part of a joint initiative between Innovate UK (formerly the Technology Strategy Board), the NDA and the Department of Energy and Climate Change (DECC) to stimulate innovation. Among the beneficiaries will be 15 collaborative R&D projects and 26 smaller-scale feasibility studies. The aim is to encourage a strong, sustainable supply chain serving both national and global markets.

Over the coming decades, around £930 billion investment is planned globally on new reactors, while, the decommissioning market is also set to expand, with up to 145 mostly European reactors expected to reach the end of their lives in the next 15 years, and an estimated global market worth £50 billion annually.

[Weblink: Funding for safe, smart nuclear technologies](#)

Oldbury reaches halfway point

The decommissioning of Oldbury has passed a major milestone as more than half of the site's 52,060 fuel elements have now been removed from its two reactors. Mike Heaton, Oldbury Site Director, said: "This is a significant milestone in Oldbury's lifecycle. The reactors are now half empty and over 19,504 fuel elements have been shipped to Sellafield. Around 180 further flask shipments are required to finish defuelling at the site, which Magnox hope to complete early in 2016. Oldbury's success follows on from that of Sizewell A site, where defuelling of reactors was completed in August.

[Weblink: Oldbury defuelling](#)

New offices open for business

Albion Square, the new £multi-million office complex in west Cumbria built by the NDA has been officially opened. The building, in Albion Square, has been named John Fyfe House in honour of economic strategist Prof John Fyfe who has played an instrumental

role in west Cumbria's regeneration over a number of years and was awarded a CBE for his services to the area. The four-storey complex will eventually be home to 1,000 Sellafield workers who are being transferred from the nuclear decommissioning site to the centre of Whitehaven, where it is expected to have a significant economic impact. The development is a result of partnership working between the NDA, Copeland Council, Sellafield Ltd, NMP and many others.

[Weblink: Office complex opens](#)

Extra lease of life for Wylfa

Wylfa power station has been granted an extra year of life and will continue generating electricity until December 2015. Originally scheduled to close in 2010, the Anglesey plant has been granted a number of lifetime extensions after demonstrating to the regulators that it can continue to meet a stringent set of safety requirements. Wylfa's twin reactors, which began operating in 1970, once supplied enough electricity for almost half of Wales. Reactor 2 stopped generating last year while Reactor 1 has continued using partially used fuel transferred from the shut-down reactor. The extension will deliver additional income to the taxpayer of up to £785 million since 2010.

[Weblink: Wylfa lifetime extension](#)

NDA leads national risk forum

More than 50 risk specialists gathered in Cumbria for the largest-ever annual forum focused on risk management across the NDA estate. Participants included the SLCs, the NDA's subsidiaries DRS and INS, regulators, the wider nuclear industry, the Institute of Risk Management, and other professionals. The event was preceded by a tour of Sellafield, the UK's most challenging nuclear complex.

[Weblink: Risk Management Forum](#)

New Parent Body Organisation sets to work

Manchester's Museum of Science and Industry was the backdrop for stakeholders who gathered to mark the NDA's formal award of a new Parent Body Organisation (PBO) contract to The Cavendish Fluor Partnership (CFP). More than £1.5 billion of savings for the public purse are anticipated as CFP now begins to implement its plans for Magnox Ltd and Research Sites Restoration Ltd, continuing with the decades-long programme of work to decommission 10 of the UK's first nuclear power stations and the two pioneering research facilities. The SLCs will continue to operate the sites on behalf of the NDA.

[Weblink: Share transfer event](#)

Last fuel leaves Sizewell A

The last container of spent nuclear fuel has now left Sizewell A, removing 99% of the radioactive hazard from the former power station. The defueling was successfully

completed ahead of a target set by the Department of Energy and Climate Change (DECC). The A site is now fuel-free for the first time in almost half a century, marking a major decommissioning milestone. Since electricity generation ended in 2006, more than 52,000 individual fuel elements have been systematically removed and transported to Sellafield for reprocessing, packaged in 50-tonne shielded flasks.

[Weblink: Sizewell defuelling](#)

Quayside project under way

A £375,000 award, funded by NDA and EnergySolutions, will help to develop a £3 million office accommodation project at Ardrossan Quayside. The project is one of a number being developed by Irvine Bay Regeneration Company to regenerate the town which is located near the Hunterston A site. The project is being funded through grants won by Irvine Bay Regeneration Company: £1.8 million from the Scottish Government's Capital Regeneration Fund; £463,000 from the European Regional Development Fund; £375,000 from the NDA and £196,000 from HUB SouthWest.

[Weblink: Quayside project for town](#)

A quarter of Harwell site delicensed

The nuclear licence has been lifted from two plots of land at the Harwell site. The delicensed total is now 25 hectares, or around 30 football pitches, and represents 25% of the original licensed area. One area lies on the Eastern boundary, next to land already released for new uses, and previously housed active workshops, experimental facilities, the active laundry and the boiler houses. The second, smaller area lies behind the location of the Harwell Variable Energy Cyclotron (VEC). The VEC played an important role in the research and development of neutron therapy used in the treatment of diseases such as cancer.

[Weblink: A quarter of Harwell site delicensed](#)