



Rhagfyr/December 02 2013

Site Director's Report Summary



1. Site Mission

The overall mission for Trawsfynydd Site remains the same, which is to achieve the safe and compliant delivery of the site into what is known as a care and maintenance state by December 2016. The height reduction of the reactor buildings will then take place between 2020 – 2026

2. Safety Record

Our safety performance at Trawsfynydd Site remains excellent. Recently, on 22 November we achieved three years without a Lost Time Accident (LTA). This is something that everyone has played a part in and we should all be proud of our approach and personal commitment to working safely during the decommissioning process.

The site has become increasingly busy aswell – on average there are 640 people on site on a daily basis, which is a mixture of staff and contractors. On average, we have 55 work-faces or packages to manage and monitor through our construction office, which involves 19 different contractors.

3. Programme Delivery

Since the last SSG meeting in June, we have made significant progress on a number of decommissioning projects which include:

- **Retrieval of Intermediate Level Waste (ILW) Fuel Element Debris (FED)**
Major civil enabling works are now complete at both FED plants (North and South) and we are now preparing for active retrievals next summer. BROKK machines which will remotely retrieve the FED have been vigorously tested at a facility in Warrington in preparation for next year.
- **Retrieval of ILW Resins**
There are three resin vaults at Trawsfynydd Site from which we have to retrieve ILW resins (bulk and residuals). We have emptied resin vault one and two of all bulk and residuals, and the third and final campaign to retrieve bulk resin from resin vault three is well underway, with over 80 drums processed.
- **Retrieval of ILW Sludges**
We have completed the retrieval of ILW sludge from an area known as the ponds north void. We have also just in the last few days started the transfer of ILW sludge from the main sludge vault to a plant which is known as the Transportable ILW Solidification Plant (TILWSP). Here, the sludge will be treated and encapsulated for long term storage in our ILW store

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- **Spent Fuel Cooling Ponds**

Significant physical re-characterisation works have been completed in the ponds to make a revised case for the spent fuel cooling ponds structure end state. Scabbling and decommissioning works are progressing well, and the completion of scabbling decontamination works has been forecast by the end of 2015.

- **Plant and structures**

Significant phase-two structural strengthening works are now complete to both of the reactor buildings (61 tonnes of steelwork installed). A problematic vessel known as "RB's tank" has also been decontaminated and disposed under challenging C4 working conditions. Construction of new waste sorting facilities to support decommissioning are underway. Looking ahead on what remains under P&S until December 2016 is the ponds complex decontamination and dismantling; reactor building conversion into safe stores; and the site wide demolition of structures.

4. People and socio economics

We continue to support our workforce during the transition towards care and maintenance. Every Magnox employee has received personal pathway planning, indicative dates when they will be impacted and access to support mechanisms. Severance terms and pathways established. The current numbers employed or supported through the site are as follows:

Total employment	<u>1014</u>
Staff	194
Agency/CSW	145
Contractors	675

5. Stakeholder Engagement

Since the last meeting in June we have continued to actively engage with a range of stakeholders, including local and international media and other stakeholders with various interests. These include....

- UK Media- BBC Wales, S4C, ITV Wales and regional newspapers
- Japanese Media - Asahi Shimbun and Mainichi Newspapers
- TaiPower - Utility company based in Taiwan researching decommissioning techniques and suppliers
- Professor Chum - Undertaking research on behalf of Gori Nuclear Power Plant in South Korea on socio economics and local community relations

6. Looking ahead and summary

Looking ahead we still face a number of challenges to decommission the site by 2016. These include

- Transition into operational phases of FED retrievals and encapsulation
- Ponds end game/state
- Continued operation of ageing infrastructure
- Retaining critical resources
- On-going transition to workforce and transition to the HUB

In summary, we have a detailed well understood plan updated with actual progress with a high degree of technical underpinning, all of our waste streams are understood, we have a critical supply chain in place, good early engagement with the HUB and our safety and environmental performance remains excellent.