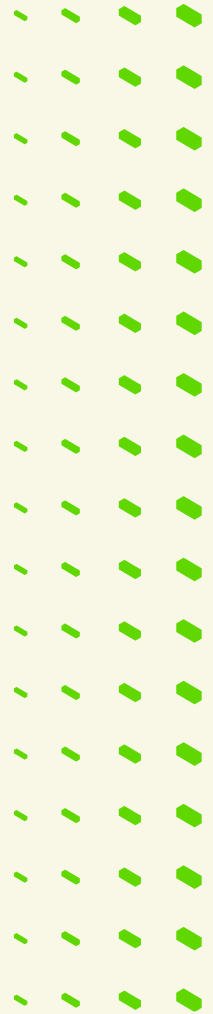


CHAPELCROSS SITE STAKEHOLDER GROUP 20th November 2024

**Richard Murray
Chapelcross Site Director**

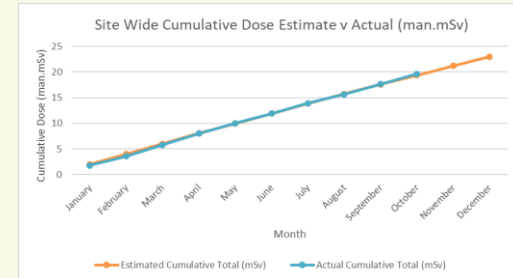
Agenda

- EHSS&Q Performance
- Site News
- Programme Update
- Socio Economic Update
- Questions

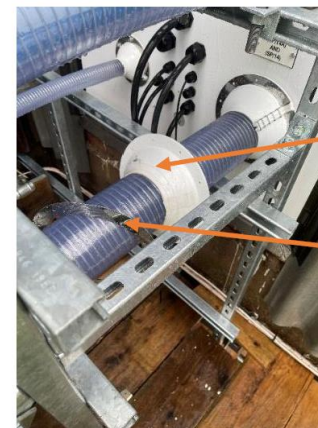


EHSS&Q Performance

- TRIR – 0.46 (Contractor received 5 stitches)
- DACR – 0 (Last lost time accident 08/08/23)
- Work has started on the potable water project
- Environment managed proactively in compliance with Authorisations
- Security managed proactively in compliance with approved security arrangements
- Radiation dose managed proactively in compliance with NRS Safety Rules
- No major findings from Audits completed



Hose & Pipette Fitting



Rubber seal

Stainless Steel
follower fixing plate
~1mm thick

Site News

Targets for FY 24/25

- 6 Zeolite skips retrieved from the Ponds, grouted into Concrete Boxes and moved to the ILW store
- 40 CXPP 500l drums filled and transferred to the ILW store - 28 complete
- Dispatch 14 consignments of LLW - 10 completed
- Design completed for the Cooling Tower land remediation - complete
- Permission to commence active commissioning of the Zeolite skip retrieval process - target end December 2024
- Permission to commence active commissioning on the CXPP Process Line - completed
- Deliver £5m of asset care improvements - on target

Site News

Recruitment

New recruits started:

- Laboratory Technician x 2
- Senior Project Engineer
- Quality Assistant

External recruitment currently in progress:

- Instrument Mechanic
- Pond Operative
- Pond Operations Supervisor
- Senior Project Engineer

Workforce

- Our operational apprentices have completed their apprenticeships

Site Visits

- Sellafield Head of Final Decommissioning
- Jayne Scott new NRS Non-Executive Director



CXPP Decommissioning – Process Line Retrieval Enablers



Process Line Size Reduction Equipment Training and Inactive Trials

CXPP Decommissioning – Process Line Retrieval Enablers



Installation and Inactive Commissioning of lifting equipment to be used to lower tritiated components from height, size reduce and package.

CXPP Decommissioning – Process Line Retrieval Enablers



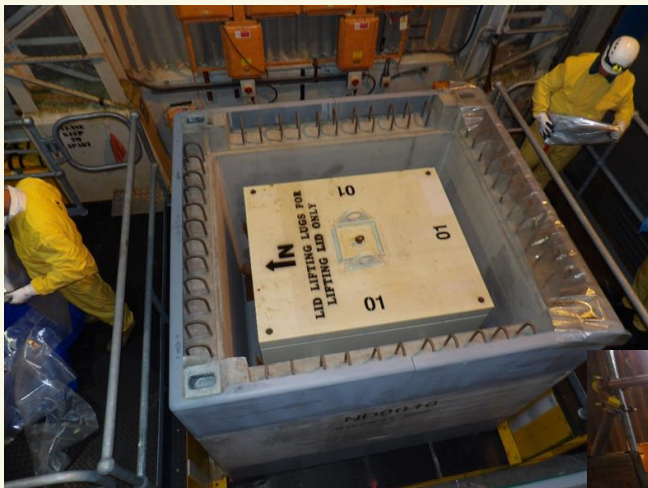
Removal and size reduction of tritiated Glove Boxes in preparation for Process Line Active Commissioning and routine ILW retrieval operations.

Pond Decommissioning – Zeolite Retrievals

Work has commenced on the site Integrated Inactive commissioning which covers the whole lifecycle of the package starting at the ISF building through the ponds, up to the MILWEP plant and then returning for final storage at the ISF.

The next phase of work will be with an active package.

Below are some pictures showing some of the work carried out in the Ponds building:

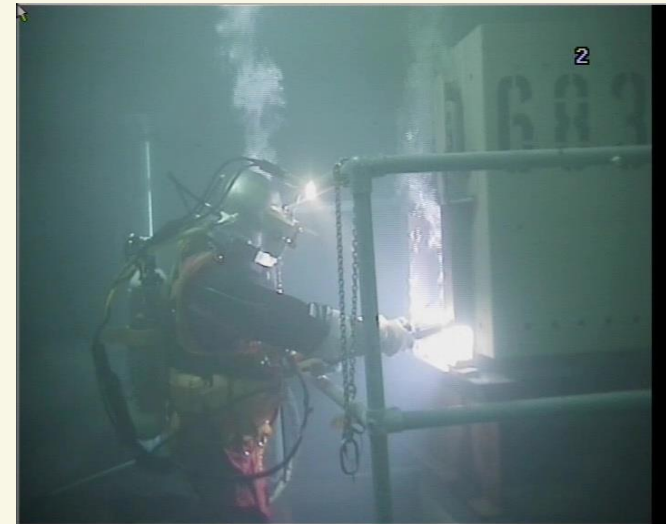


Pond Decommissioning – Skip Retrievals

NSG are contracted to provide the detailed design, substantiation, manufacture, installation, and commissioning support of the new equipment required to process and remove ILW and LLW Skips, Furniture and Sludge from the ponds.

This enabling works is to support the diver's scope. These works will be implemented prior to the diver's execution phase and the equipment that is manufactured will be used for the retrieval of the ILW / LLW skips, furniture and sludge during the Diving campaign with some of the equipment being retained for future Ponds Drain Down scope where appropriate.

NSG have commenced initial design and have completed 3D survey of Ponds building. We are working through design reviews with model of in pond equipment shown below:



Pond Decommissioning – MAETP

October saw a significant milestone accomplished for the Modular Active Effluent Treatment Plant (MAETP); this was the first batch of active effluent processed through the MAETP.

The effluent was extracted from the Reactor Blower Pits by the site bowser where it was then transferred to the Receipt Tank. The effluent was then processed through the filtration module to the Discharge Tank where it was finally sampled, tested and dispatched to the active effluent pipeline on the 16th of October. Further commissioning is planned in before the plant is put into full service.

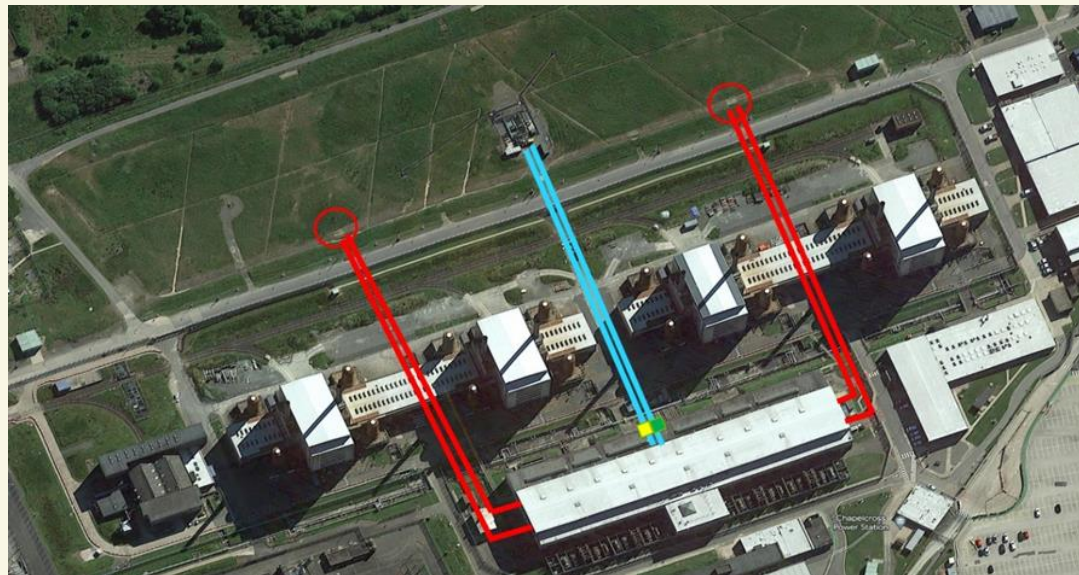


Cooling Towers Remediation

Sealing of the 4' Culverts has been delayed slightly and is now planned for physical works to commence in November. This is a short contract and is due to be completed early January.

Other works associated with the final remediation of the cooling towers are still undergoing a management assessment. This is also due to be completed in November and will allow the strategy for the final state of the site to be determined.

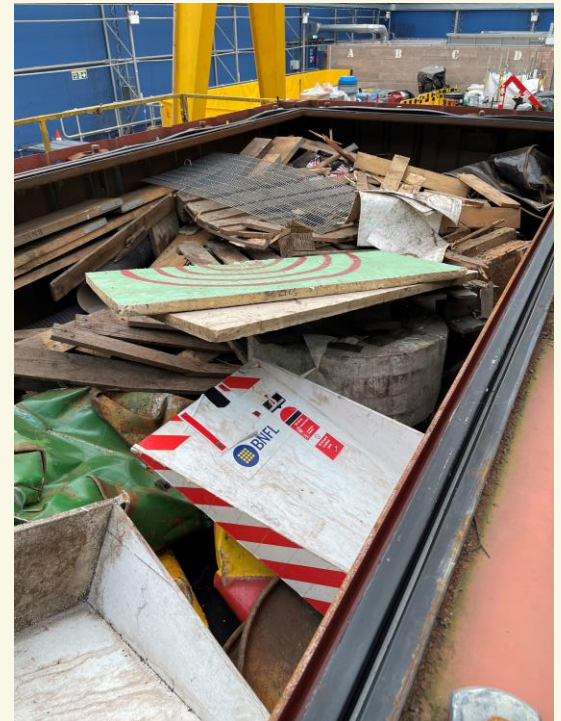
4' culverts shown in red



Waste – LLW & Legacy



- 24/25 - 10 shipments of LLW despatched from the site with a YE target of 14
- 103m³ of Legacy Waste removed from site this FY
- Progressing Problematic Legacy Wastes including Oils & Liquids and Graphite.
- Sorting & Segregation Half Height ISOs



Waste - LLW



Other Waste Progress:

- Significant WEEE Disposals
- Disposals of redundant Assets



Waste

Higher Activity Waste Team

- Currently working through the Site Wide Integrated Inactive Commissioning for Concrete Boxes and Zeolite, confirming the staff are adequately trained, the plant is operating correctly, and the processes are in place to operate the plant and produce the required lifetime records.



Asset Care

- Glazing replacement is now complete on Reactors 1 and 2 (South Faces), with work complete to Level 4, on Reactor 3. This is part of a 5 Year programme, which includes all 4 Reactor Buildings, planned to complete in August 2028.
- The Potable Water replacement work has commenced. The project consists of 3 Phases, with 250m of pipework laid out of a total of 600m, in Phase 1. The work is expected to be completed in April 2025.

Potable Water Project – Pipes being laid into the Ground

Reactor 1 South Face Complete



Any Questions . . .

