

CHAPELCROSS SITE STAKEHOLDER GROUP 19th November 2025

**Richard Murray
Chapelcross Site Director**

Agenda

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



EHSS&Q Performance

- TRIR – 0.46
- DACR – 0.46 Lost time (RIDDOR Reportable) accident with an NRS Operative slipping on a walkway (14/01/25)
- 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
- Successful demonstration security exercise conducted
- Annual Review carried out with ONR & SEPA



Site News



Targets for FY 25/26

- 18.6Te of ILW retrieved – 7.18Te
- 39 ILW packages transferred to ISF – 23 completed
- Dispatch 16 consignments of LLW - 12 completed
- Complete Reactor 4 South face –Cladding and Glazing-End of May 25 - Completed
- Complete Potable Water project – August 25 - Completed
- Complete Design Assessment Review 4 for Pond Skip Enablers – Completed

Site News

Recruitment

New recruits started:

- EC&I Technician x 2
- Lead Team Administrator
- System Engineer
- High Activity Waste Technician x 2
- System Engineer

Currently Recruiting for:

- Production Technician
- Electrician
- System Engineer

Internal Promotions:

- Team Leader HAW
- Team Leader Assistant - Ponds
- Nuclear Safety Administrator
- Senior Project Engineer - CXPP
- Lead Engineer

On Boarding:

- Project Manager
- Permit Officer

Staff Wellbeing



CXPP Decommissioning – Process Line ILW Retrievals



Contaminated Tritium Purification Vessels and Pumping Systems Within the Process Cubicle



'Crimp & Cut' and ILW Retrieval Operations Within the Process Cubicle

CXPP Decommissioning – Process Line ILW Retrievals

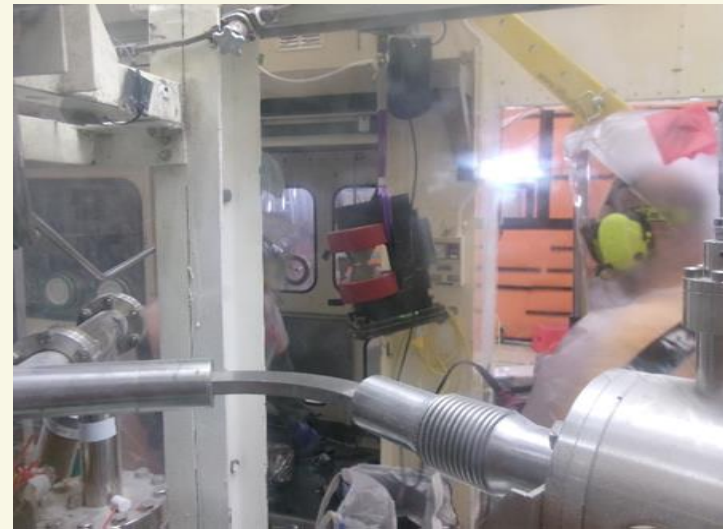


Size Reduction and Loading of the
Highly Tritiated Waste Components
De-Planted from the Process Cubicle

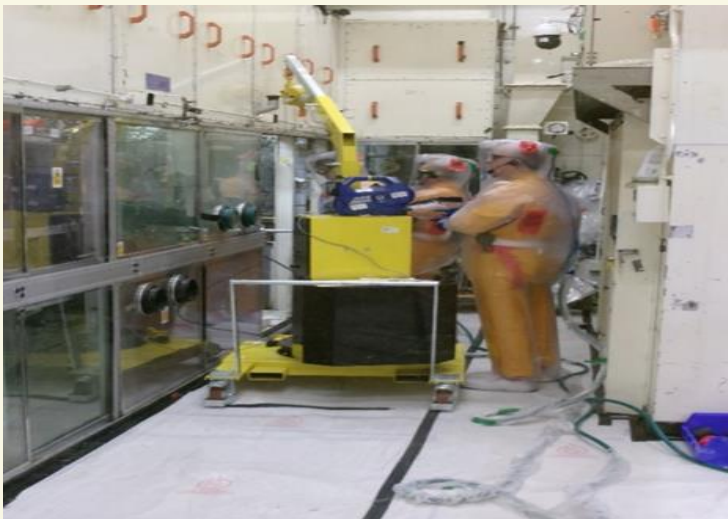


Process Cubicle Sections Once De-Planted.

CXPP Decommissioning – Mass Spectrometer Retrievals



De-Planting and Size Reduction of Mass Spectrometers used for Tritium Analysis During Operations



De-Planted Mass Spec Retrieval Operations



Mass Spec Cubicle After De-Planting

Knowledge Sharing UKAEA-JET

A man with grey hair, wearing a light blue button-down shirt, stands in front of a modern building with a wooden facade. The word 'JET' is visible on the building's wall. He is speaking and has a small microphone clipped to his shirt. The background shows a paved area, trees, and a clear sky.

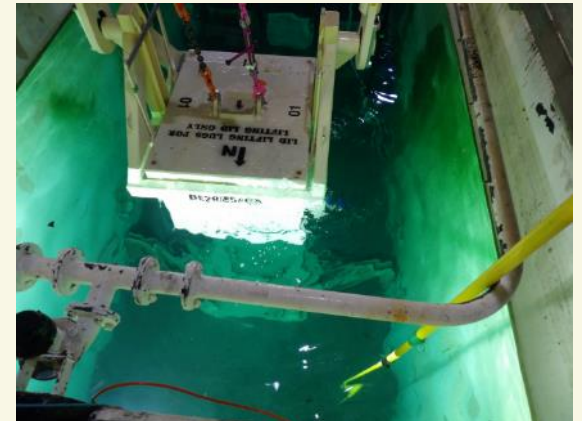
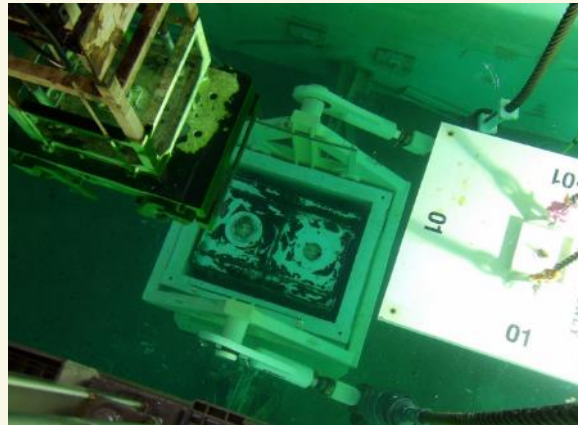
Zac Scott

Director, JET Decommissioning and
Repurposing, UKAEA

So we often talk about JET as
a first-of-a-kind programme, which of course

Pond Decommissioning – Zeolite Retrievals

Active commissioning is still progressing with 6 Zeolite skips retrieved from the Pond and exported to the MILWEP plant for grouting.



Pond Decommissioning – Skip Retrievals

NRS and NSG have successfully delivered the Group Key Target for the company in October which freezes the design for the skip retrieval process and equipment.

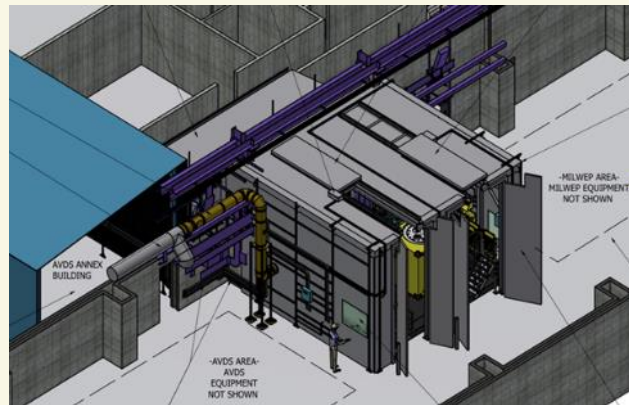
The team are now working on the procurement of the Commercial Off-The-Shelf (COTS) items associated with this design and progressing in collaboration with the specialist procurement team.

Trials are also underway at the Forth Engineering Deep Recovery Facility, located at the Cumbria HQ which has been set up to replicate the Ponds Burst Cartridge Bay to allow some clean trials to be undertaken to ensure that some of the equipment being used can be done safely away from the need to have radiological controls in place. Below is a picture of the facility that will be set up to replicate the Pond.



Pond Decommissioning – Sludge & Sand Retrievals

NSG are closing out some FOBs on the ventilation system. Preparations are ongoing with documentation to undertake a DAR 5.1 review in November prior to commencing Inactive commissioning when the plant will then be put into a quiescent state until it is required for sludge retrievals from the Pond.



Cooling Towers Remediation

Project- Next Steps

- Test results have been returned and are being reviewed for the ground content with a review of the options being now underway.
- Work is also ongoing to review the schedule and costs to take it through the company governance board with a view to rebase-lining the project with the revised strategy.
- Once rebase-lined the project will go out to the market to engage with a competent contractor for the remediation work.



Waste – Low Level Waste

- Previous years have seen majority of Legacy Waste disposed of from site.
- Work continues on the more difficult Problematic Waste. The pictures show IBCs that contain asbestos contaminated sludges, and also a skip that contains sludge & silt removed from the site oil interceptor. Items like these require specialist sampling and analysis.



- A significant amount of waste continues to be generated from the Asset Care work, particularly reactor cladding & glazing work
- Final works are ongoing to dispose of the waste generated from excavations for the new water main.

Waste – Higher Activity Waste

- Currently working through Active Commissioning for Concrete Boxes and Zeolite.
- 3 fully grouted and lidded Concrete Boxes containing Zeolite skips have been transferred into the ISF.



Asset Care – Reactor Cladding and Glazing



Asset Care

- The next phase of work to commence will be the removal of the Blower House Louvres and the Reactor Building electrical installation
- The Potable Water replacement work is now complete
- Roof and roadway repairs, and the Sub Station overbuilds are in the final phases of our Commercial process



Any Questions . . .

