

Harwell Site Stakeholder Group (SSG) 18th April 2024

Paul Brennan
Harwell and Winfrith Site Director



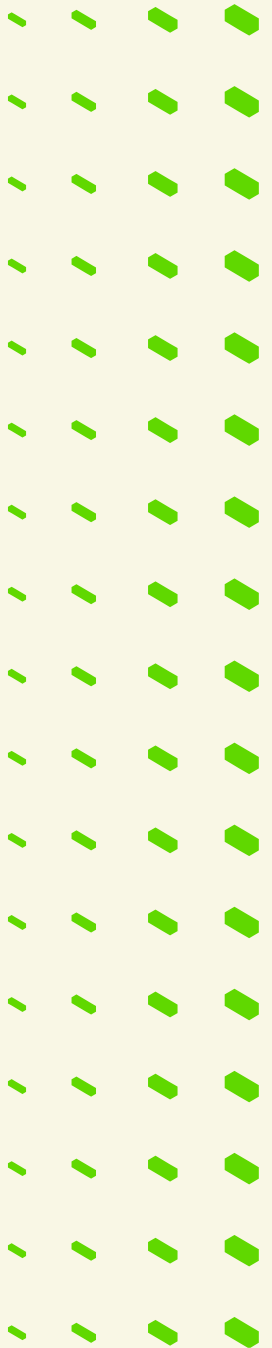
18/04/2024



NRS
Nuclear Restoration
Services

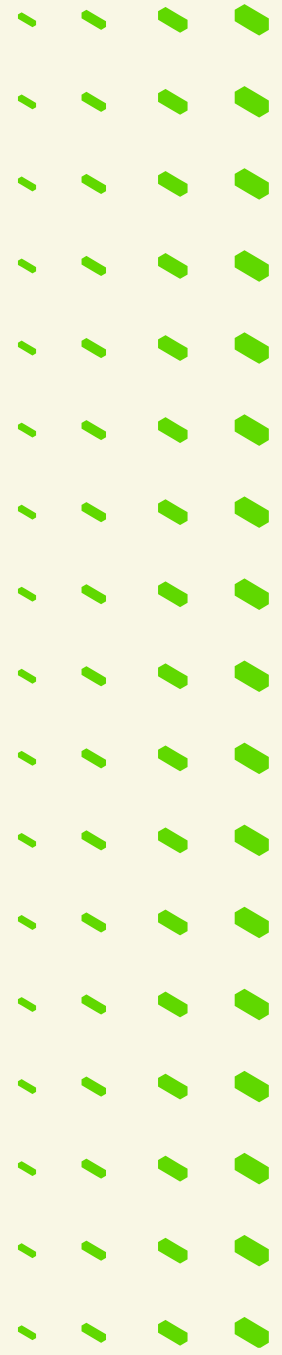
Harwell site – what we will cover

- Rebranding
- Environment, Health, Safety, Security and Quality (EHSSQ)
- Site operations
- Current work programmes
- What else is happening on-site
- Sustainability at Harwell
- NRS Socio-Economic Scheme



Rebranding

- Rebranding to Nuclear Restoration Services continues
- Our new brand strategy represents the joining together of Magnox and Dounreay and prepares us to welcome the seven advanced gas-cooled reactor sites for decommissioning, and other future missions.
- Implementation of the brand will follow a two-year programme to ensure best value for money and to give the brand strategy time to embed.
- Email addresses, using the new organisational name, currently testing to change over. The formal company name change happened at the end of the financial year.
- While our brand is changing, our focus on safely decommissioning our nuclear sites remains the same.



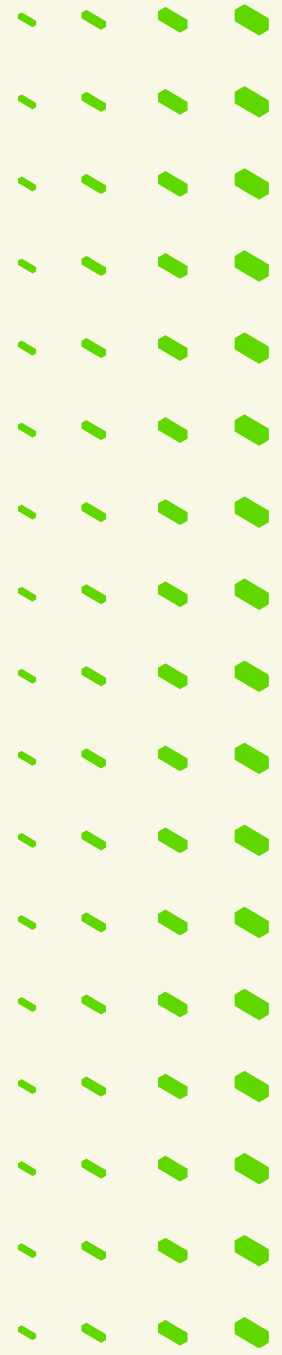
Environment, Health, Safety, Security and Quality (EHSSQ)

- No Lost Time Accidents (LTA) in 286 days (as of 8 April 2024)
- As a result of a fire inspection conducted last year, additional staff have been trained and resources identified to bolster our arrangements
- No significant issues regarding on-site safety raised via HESAC (internal safety meeting)
- Atmospheric and liquid effluent discharges from Site remain well within permitted limits with no observable trends
- Issue identified associated with effluent monitoring calibration process, although of no environmental impact our arrangements in this area have been revised and discussed with EA
- Data returned from environmental monitoring programme well within limits and often at Limit of Detection

Site Operations

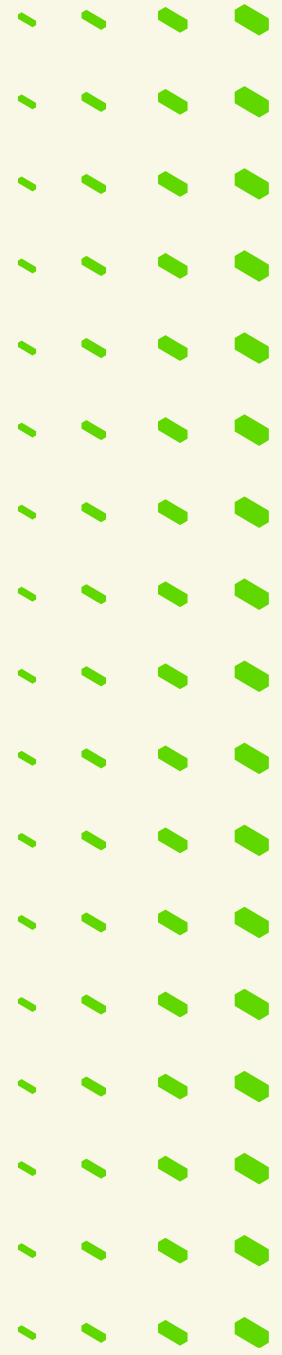
Successful year in 2023/24

- NMT (Nuclear Materials Transfer) - target of 85% shipped offsite now complete
- RHILW (Remote Handled Intermediate Level waste) retrievals – exceeded Target retrieving 10.8Te
- Over 330m³ legacy waste consigned from the Site
- West Meashill remediated in preparation for Delicensing and Land Release
- B220 Characterisation Contract awarded



Current Programmes

- Update on land release
- Nuclear Material Transfers (NMT)
- Remote Handled Intermediate Level Waste (RHILW) retrievals
- Legacy waste
- Compliance and end states programme
- Decommissioning programmes



Harwell land release

- NRS is working with NDA, UKAEA, Central Government, and Campus Joint Venture private sector partner to develop a proposal to accelerate and optimise land release plans to support further development of the campus.



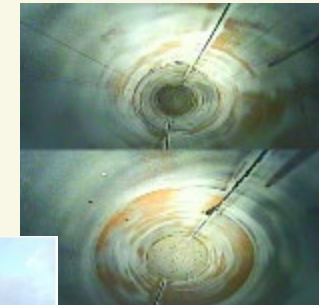
Nuclear Materials Transfers *Numbers at the last SSG*

- 5697 (5592) drums shipped to-date
- 85.7% (84.2%) of total drums
- 55.6% (46.6%) of activity (Bq) removed
- March 2024 company performance target achieved
- Forecast 89% drums complete by Mar/Apr 2025
- Project completion stable at 2026
- Dragon fuel is **52%** complete in terms of can numbers



Remote Handled Intermediate Level Waste (RHILW) retrievals and Harwell box store

- ILW retrievals and processing – 10.8Te was processed versus a 7.38te target for 2023/4. Retrieval Machine 2 is being moved to start recovering from array 56 (of 64).
- The Waste Encapsulation Plant (WEP) is now operational and has grouted 215 drums so far. Total number to grout will be circa 950.
- Retrieval Machine1 is operational, and the radon abatement equipment has completed phase 1 commissioning.
- The Post Operational Clear Out (POCO) project continues to develop solutions to allow cleaning for disposal of the waste storage tubes once emptied.
- The Harwell ILW Box Store (HIBS) is going through work to allow final active commissioning ready to receive the first Robust Concrete Box (RCB) box late 2025 / early 2026



Legacy Waste

- Exceeded Target to remove Legacy Waste from the Site this year consigning over 330m³.
- All waste now cleared from the temporary tented structures at 418, reactor site and next to Hangar 10. The structures have now been removed.



Site Restoration

- **LETP Land Remediation**
 - Covered by separate presentation by Jon Blackmore
- **Groundwater Remediation**
 - Covered by separate presentation by Jon Blackmore
- **West Meashill Area Land Release**
 - Minor remediation of 3 areas successfully completed in December 2023
 - Regular meetings with the regulators and UKHSA (UK Health Security Agency)
 - Delicensing case submission – Early 2025
- **Downs Way East Land Remediation**
 - Ecological surveys and mitigation (fence improvements and removal of some dead trees) completed
 - Desk study to be commissioned through supply chain in 2024
 - Initial discussions held about planning requirements
 - Further surveys and sampling will be needed to inform remediation options assessment – 2025/26



Decommissioning (Reactors and Rad programmes)

B220



Portakabins arrived at the Harwell site, accommodation for contractors.

Completion and handover expected May 2024.

Radiological Characterisation and asbestos survey contract awarded Jan 2024

B418



Demolition start planned for 2025 / 26



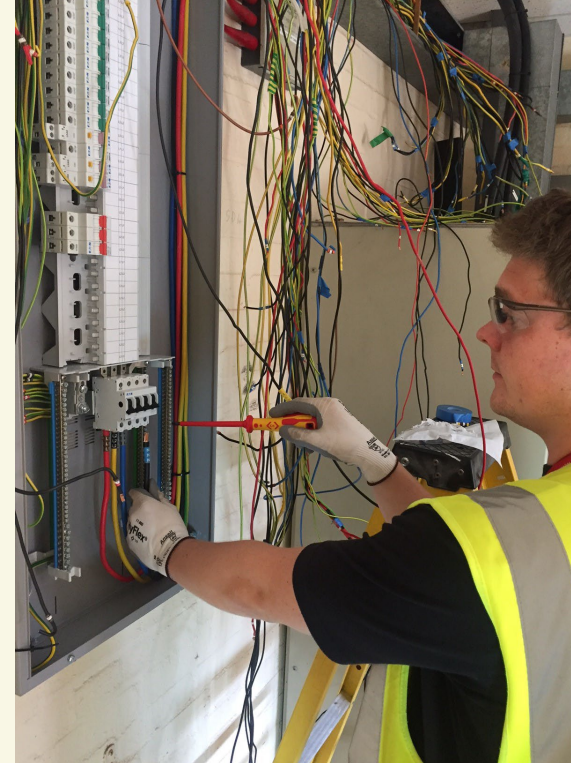
What else is happening on site

Recruitment

- 6 roles filled since Jan 2024 (4 external, 2 internal)
- 19 current roles open (as of 08/04/2024)

Apprentices

- 3 joined September 2023 intake
 - 1x MOET (mechanical) (4 years apprenticeship)
 - 2 x rad protection technician (2 years apprenticeship)
- 2024 - just concluded interviews for
 - 1 x rad protection technician (2 years)
 - 1 x project manager (degree level) 4 years
 - Will join us in August 2024



Sustainability at Harwell

Site Sustainability Working Group

- Sept 2023, Feb 2024 litter picks. More to be scheduled this year.
- Participation in the Campus Green Week
- Looking at integration of sustainability with other groups such as STEM (Science, Technology, Engineering, Mathematics)
- Encouragement for staff to walk in nature and around the Harwell site.



Environmental sustainability

- On going programme to replace streetlights with LEDs which will reduce energy costs.
- Participation in annual No Mow May
- Working with the Dexter project to ensure sustainability is incorporated into the project design and operation.
- Shared learning on bat surveys to enable smoother running of projects subject to potential maternity and hibernation roosts.

Social Sustainability

- Looking at local opportunities for local volunteering to link with the neighbourly volunteering platform
- Rolling out of the platform to all staff

Socio economic funding 2023/24

Harwell four good neighbour funding total spend £3,961

Sunningwell Parish Council £450 - towards Lest-We-Forget bench

Assisted Reading for Children (ARCh) £1,908 – towards recruitment & training

1st Harwell Scout Group £590 – purchase of outdoor cooking equipment

Home Start Oxfordshire £1,013 – towards training of new volunteers

Larger projects

Chilton Parish Council £5,000 – to provide accessible roundabout

Style Acre £5,000 – towards new air conditioning unit for tearoom

Oxford Wood Recycling £22,788 – based in Abingdon. 1 year funding to enable continuation of support for people with disabilities to find employment whilst future funding secured.

SOFEA (South Oxfordshire Food & Education Alliance) £150,000 yr2. Didcot based charity allocated £608,952 over three years. Attended launch event early December



If you are applying for funding, you **must** be a constituted organisation and provide quotes for the items you are requesting.

Please read the summary guidance before applying, speak to Emma Burwood or Haf Morris

Socio economic strategy refresh 2023/24

Over the last few months, the NDA has engaged with stakeholders across the UK including Councils, and SSG's to better understand the social and economic priorities in our communities to identify priority areas of focus, to make best use of the funding available across the group for maximum community benefit.

The refreshed NDA strategy has also been renamed to better reflect its aims and was issued on 5 April 2024 and is available by following the link, will include in the minutes.

[NDA Social Impact and Communities Strategy April 2024 - GOV.UK \(www.gov.uk\)](https://www.gov.uk)



Any Questions?

