



Magnox

Harwell Stakeholder Group

26 April 2018

Rob Gentry, Harwell & Winfrith Closure Director

Magnox Harwell Update

- Safety and Environment
- Programme Update
- Future Programme
- Magnox Socio-Economic Scheme



Safety and Environment

- Nuclear Safety/Security
 - No notable events to report
 - ONR Inspections covering a number of topics.
 - No significant issues raised, but action required on:
 - Continue improving SQEP
 - Conventional Safety
 - 1 injury since last SSG meeting – slip on ice
 - No other significant events to report
 - Continued focus on Target Zero
 - Construction Safety
 - PPE

TARGETZERO
Zero accidents, zero incidents and zero harm



Safety and Environment

- Environmental Management
 - No significant environmental issues
 - Making progress on removing legacy wastes from around the site
 - Splitting management of 462 and legacy waste
- Environmental Monitoring
 - Environmental Monitoring Programme continues
 - Maintained Compliance with Permit
 - Liquid and Gaseous Discharges remain well below permitted limits

Programme Update

- LETP
- ILW Box Store
- NM Programme
- 462 Retrievals/Can Processing
- WEP
- Other Projects
- Site Milestones
- Other hot topics



LETP Decommissioning – HLA/Tanks



- COMPLETE!



LETP Remediation

Remediation phase
commenced



- Over 2000 bags of waste generated and shipped

Harwell ILW Box Store (HIBS)

- Building now at full height.
- Installing siding



Nuclear Material Transfers

- CHILW Transfers
 - Transfers commenced in August
 - 9 shipments now despatched (55 drums)
 - LEU will move mid 2018



Nuclear Material Transfers

- Concrete Lined Drums (CLDs)
 - 52 transfers completed (452 drums)
 - Other CLDs require TN Gemini flask modifications and regulatory approval
 - delayed so likely to be summer 2019



Nuclear Material Transfers

- Dragon Waste
 - Carrying out modifications to Dragon Flask and Modular Flask.
 - Commissioning and Verification with Sellafield
 - Expected to commence summer 2018



462 Can Retrievals

- RM2 retrievals hampered by water in tubes and technical failures, but going well. 274 tubes to go...
- RM1 restart delayed due to technical resource availability, but making progress.
- Head End Cell progress on target – 70 cans this FY



462 Waste Encapsulation Plant (WEP)

- WEP Commissioning
 - Inactive Commissioning ongoing
 - Followed by active commissioning prior to ONR approval to operate. Expected in 2018



Other Projects

- Legacy Waste focused on removing historic wastes and new ODP removal wastes
- Completed decommissioning 2 labs in B220
- Planning for B220 and BEPO continues
- Demolishing 551 this FY
- Offsite Discharge Pipeline removal continues
- Accelerated decommissioning opportunity
- Continue ODP removal

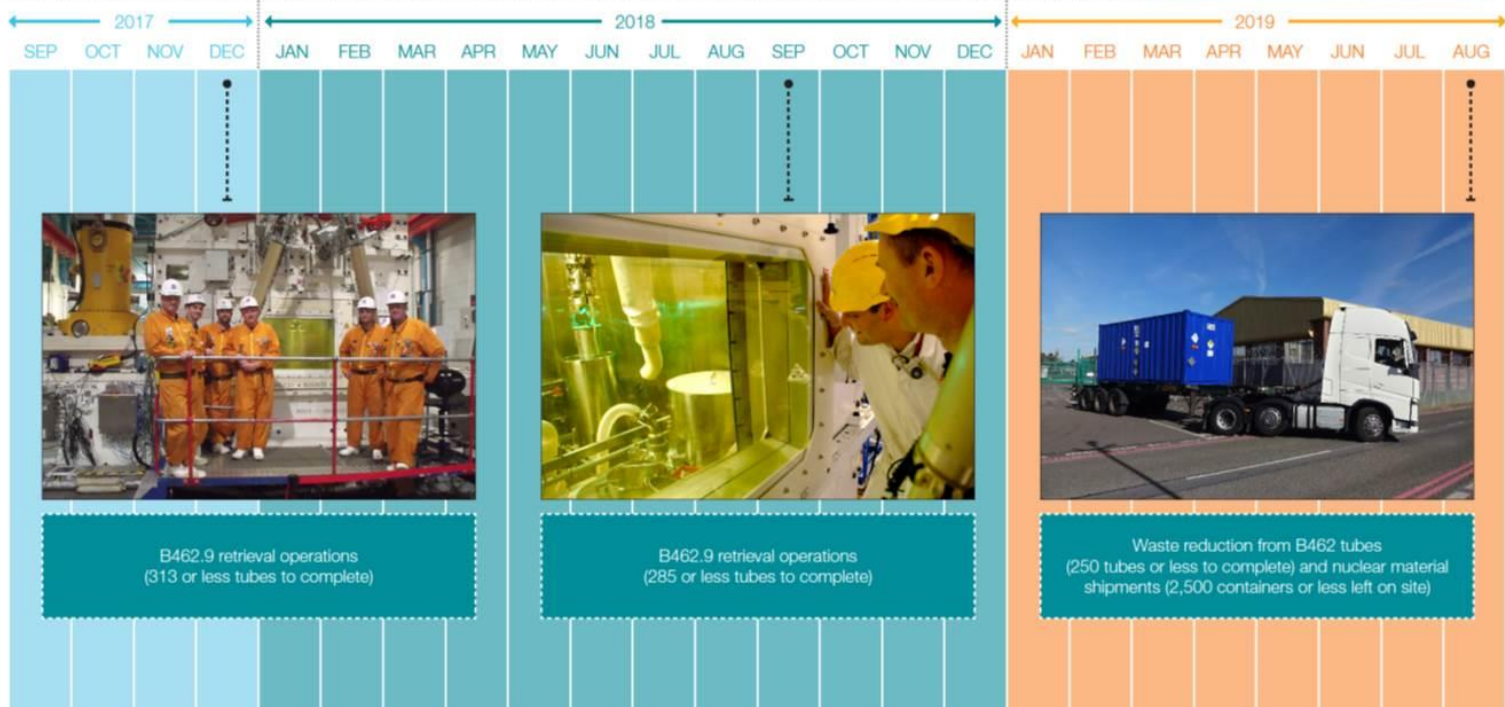


Harwell Site milestones

Magnox Site Delivery Milestones

Post 31st August 2017

Harwell



KEY: ■ DEFUELLING ■ WASTE ■ DECOMMISSIONING ■ ASSET MANAGEMENT



Harwell – Future Programme (next 12 months)

462 Waste Retrievals:

- Continue retrieving Cans and Processing through Head End Cells.
- Develop Options for POCO of tubes including sludge removal
- Operation of Polymer Encapsulation process in Head End cells for Problem wastes
- Return RM1 To service with Radon abatement system.

NM Transfer Project:

- Recommence movement of CHILW drums in Novapaks
- Continue movement of CLDs in FHISOs
- Commence movement of CLDs in TN Geminis
- Commission Dragon Waste transfer route

Other 462:

- Further categorisation work on RIPPLE crates.
- Complete construction of ILW Store
- Complete WEP Commissioning

Harwell – Future Programme (next 12 months)

LETP Phase 2 Land Remediation:

- Continue main remediation work, waste assay and waste disposal

Others:

- Legacy Asbestos Remediation – B462, B220, BEPO, B404
- Continue C&M programme for redundant facilities
- Continue B220 decommissioning planning
- Continue BEPO decommissioning planning
- Commence B551 decommissioning



Other Hot Topics

- Harwell Campus discussions
 - B551 demolition this year
 - Business Case for accelerated work
 - Options for 418/459/351/Meashill areas
 - Dedesignation of 353/fence line changes
- Asbestos Issues
 - H10/459/462/220/404
- Pay Negotiations
 - Pay Award
 - New starter T&Cs
 - Market Re-alignment

Magnox socio-economic scheme:

Harwell 2017-18 at end of April: 11 successful applications - £5,968

- Harwell Village Hall Performance Arts £400,
- Harwell Labs recreational Association Cricket Covers £750,
- East Hendred Heritage Trust New Display Case £500,
- The Downs golden Age Club Memories of Childhood £240
- Grove Road Allotment Association provision of lawnmower and storage £500,
- East Hendred Community Centre Snells Hall Lighting £500,
- Harwell Campus and Chilton Village Family Fun Day £500,
- All Saints Primary School - Community Swimming Gala £625,
- West Hendred Village Hall (new oven) £600,
- ARCh – Caldecott School (Assisted Reading) £453,
- Life Education Thames Valley, Towards cost of mobile classroom event on health, well being and drugs education for local primary schools £900

Please read the guidelines in Can I Apply? on the portal before you apply.

For further information and to check if you are eligible to apply go to: www.magnoxsocioeconomic.com or contact Emma Burwood for Good Neighbour applications or Haf Morris for potential applications over £1,000 – details on the website

Questions?