

**John Grierson,**  
Chapelcross Closure Director

Site Stakeholder Group Presentation  
10 June 2016

### Agenda

- Site News
- Shaping the Organisation
- Life Time Plan 2015
- Care & Maintenance Programme
- Socio Economics
- Magnox in the Community
- Final Thoughts




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### Site News

- **EHSS&Q Performance**
  - Overall Safety Performance
  - 'Target Zero'
  - Demonstration Exercise & EOD
  - Heat Exchanger Safety Pause
  - SEPA Warning Letter
  - Being Magnox Values
  - Standards and Expectations
- **Business**
  - 2015/16 SPI = 0.90, CPI = 1.24, EAC - £38.5M
- **Workforce**
  - Employees 217, ASW 19, CSW 11, Contractors ~60 - 80




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### Shaping the Organisation

- Transformation progress
  - Final stages of process
  - Revised organisation implemented on 09/05/16 under MoC8
  - Maintaining focus on displaced list, looking to secure opportunities
- Preparing MoC to support implemented Contingency Emergency Arrangements
- Sellfield Academic Requirements
- Parent Organisation Vacancies




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### Life Time Plan 2015

- Requirement of the NDA following the PBO change (Consolidation Period)
- Incorporates new technologies introduced by the new PBO
- There is an opportunity for the site to enter C&M earlier than forecast, if funding can support
- Phase 1 & 2 of the contract deliverable may negate the need to enter an Interim C&M configuration
- Resource curves predict a continuous reduction in resource requirements based on completion of hazard reduction
- Assessing the benefits of delayed demolition of CXPP following retrieval and storage of ILW

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### Decommissioning Overall Approach


#### PLANT & STRUCTURES (P&S)

- Risk-based assessment of plant to determine what can remain during Care and Maintenance (C&M)
- Leads to safestore hazard reduction through Risk based de-planting
- Maintain and repair of Safestore cladding
- Zonal demolition later in decommissioning timeline
- Assessing the benefits of delayed demolition of CXPP following retrieval and storage of ILW

#### PONDS

- ILW waste removal & preparation for transfer to waste operations
- MAETP installation and operation
- Drain and stabilise pond 2
- Decommission ponds building to meet transfer criteria to P&S

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### Waste Programme Overall Approach

- CXPP Design-Commissioning, retrieval and packaging and export
- B141 – Design- Commissioning of equipment to Over pack TSV's and export
- Construction of Encapsulation facility in Flask Handling Building including pre processing of sludge's
- Construction of AVDS Facility for MAC and Cobalt DCIC's
- Construction of ISF
- Higher Active Waste Conditioning including AVDS, Encapsulation facility, B141 over packing, XST and ISF
- Container Purchase, Transport and Disposal
- Low Active Waste Conditioning

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### Management Summary Schedule (MSS)

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### Key Dates

| Milestone  | Date           |
|--|----------------|
| No.2 Pond Drained                                  | July 2021      |
| Mobile Active Effluent Treatment Plant – available | April 2018     |
| Heat Exchanger Steelwork Removal & Top Duct        | October 2018   |
| Heat Exchanger Boiler Removal                      | March 2024     |
| Reactor Building Preparations for C&M              | September 2023 |
| ISB Building Demolition                            | October 2025   |
| Non ISB Building Demolition                        | December 2025  |
| Land Remediation                                   | December 2026  |
| CXPP Waste Retrieval and Passivation               | August 2021    |
| Interim Storage Facility                           | February 2019  |
| Enter Care & Maintenance Phase                     | December 2025  |

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### What's being done now....

Heat Exchanger Deplanting

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### What's being done now....

Ponds Remediation

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### What's being done now....

Waste Projects

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### What's being done now....

Site Restoration

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### What's being done now....

Waste Operations

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### Magnox Socio-Economic Scheme

| Chapelcross Applications               | 2015/16       |
|--|---------------|
| Applications Pending                   | 5             |
| Applications Rejected                  | 0             |
| Application Withdrawn                  | 0             |
| Applications Successful                | 3             |
| <b>Total Applications to Date</b>      | <b>8</b>      |
| Funding Under £1K Schemes Awarded      | £1,100        |
| Funding Over £1K Schemes Awarded       | £0            |
| <b>TOTAL AMOUNT OF FUNDING AWARDED</b> | <b>£1,100</b> |

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### Chapelcross Stakeholder Activity

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### Final Thoughts....

**SAFETY 1st**

Safety of the workers, public and the environment has always been, and always will be, this industry's No 1 Priority

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