

Presentation to WCSSG, Commercial Sub Committee

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Key strategic role

- Supports delivery of two key hazard reduction activities
 - HA Liquor Treatment and Product Storage
 - Magnox Operating Programme (MOP)
- Supports AGR generation and NDA revenue generation

Main Facilities

- Magnox Reprocessing
 - Magnox Operating Programme
 - Receipt and Storage of AGR fuel
 - Management of Pu and U Products
- High Level Waste Plants
 - Storage of HAL and Vitrification
- Effluent and Encapsulation
 - Management of ILW and Aqueous Waste
- Waste Plants
 - Management of PCM and Low Level Waste

Key issues

Magnox

- Successful delivery of the Reprocessing Outage
- Return to service of the AGR Dismantler
- Continued improvement in plant reliability and condition
- Delivery of 540 tonnes reprocessing this financial year

HLWP

- Development of long term Evaporator and HAST capacity
- Response to the HALES PMS event
- Optimisation and alignment of key risk mitigation works in WVP
- REF commissioning

Effluent and Encapsulation

- Long term storage of ILW drums
- Deal with EA concerns over liquid effluent solids abatement

Waste

- Development and implementation of LLW strategy

Key achievements

Magnox

- Entered the reprocessing outage on schedule, 10 tonnes ahead of programme
- Maintained flask transfers with both BE and ME Stations according to agreed schedules
- Successful transition of Calder Hall into the Operating Unit

HALES

- No LTA in over 13 months
- In Period 2, HAL stocks volume fell from 1000m³ for the first time since 1982
- At the end of Period 5, 129 containers had been produced against a planned forecast of 94 years to date
- Commissioning of REF is progressing in accordance with the required schedule

Key achievements

Effluent and Encapsulation

- PS1 Floc tank now empty. Almost 1000m³ of hazardous liquid effluent has now been encapsulated and is in safe storage
- Stores drum receipt rates are improving off the back of an engineering and operational improvement programme

Waste

- Completed the LLW BPEO public and stakeholder consultation scenarios
- Restart and ramp up of operations in WTC after prolonged outage last year
- On site metals recycling facility processed and released 500 tonnes last year a a further 250 tonnes so far this year

In conclusion

- Nuclear and conventional safety performance much improved
- Majority of operational targets are either on or ahead of schedule
- The issues facing the Directorate are understood and are being dealt with