Project Update

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DOE West Valley Demonstration Project

May 24, 2006, CTF Meeting
Project Update

Safety – The Goal is Zero

- Total Recordable Case Rate (TRC) 0.4
- Days Away, Restricted, or Transferred (DART) 0.2

- Energized 120-volt conduit was inadvertently cut in the wrong location in the Utility Room as part of the boiler removal project. Immediate corrective actions were taken and improvements are in progress.

- “Scored” nitrogen system line for Waste Tank Farm cooling / STS was discovered during a walk down. Immediate corrective actions were taken and further improvements are in progress.

4 Million Safe Work Hours

183 weeks
includes all WVDP employees

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- Work Scope through December 2006
  - Ship Low-level radioactive and industrial waste for offsite disposal; prepare Transuranic waste for shipment
  - Continue decontamination of the Main Plant (former reprocessing facility)
  - Continue infrastructure reduction efforts
  - Continue environmental monitoring and routine maintenance
Project Update

Vitrification Hardstand
- One of five hardstands to be emptied this year
- 10,000 ft³ industrial waste and recyclable metal removed
Project Update

Waste Shipped

Cubic Feet

This Month*

Cumulative Shipped in CY06

**LLW**  **Industrial**

*The amount of LLW shipped between 4/19/06 – 5/18/06

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Fuel Receiving & Storage (FRS) Decon Stall
- Aluminum stall 15’ x 15’ x 30’ tall
- Approximately 2,800 ft³ LLW size-reduced and packaged for disposal

Boiler Removal
- Previously used to heat the Main Plant; replaced in late 1990s
- First large-scale asbestos removal project undertaken in several years
Drum Cell is being prepared for shipment of drums of cemented waste to the Nevada Test Site for disposal

- Up-enders installed and tested
- Second crane installed
- Line Management Readiness Assessment in progress
Environmental Assessment

— Over next four years, DOE is planning to remove large number of facilities used by the WVDP

— Remaining facilities include:
  • Facilities being considered in the Decommissioning Environmental Impact Statement
  • Facilities required to support High-Level Waste Canister Interim Storage

— Removal of these facilities has been reviewed in two Categorical Exclusions (2004, 2005)

— DOE will review potential cumulative impacts of removing the facilities in an EA
Project Update

- 2006 Progress Tours
  - Saturday, May 20, 2006
  - 53 visitors took part in three tours