



West Valley Demonstration Project

Project Update

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DOE West Valley Demonstration Project



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



Project Update

- ◆ 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



Before

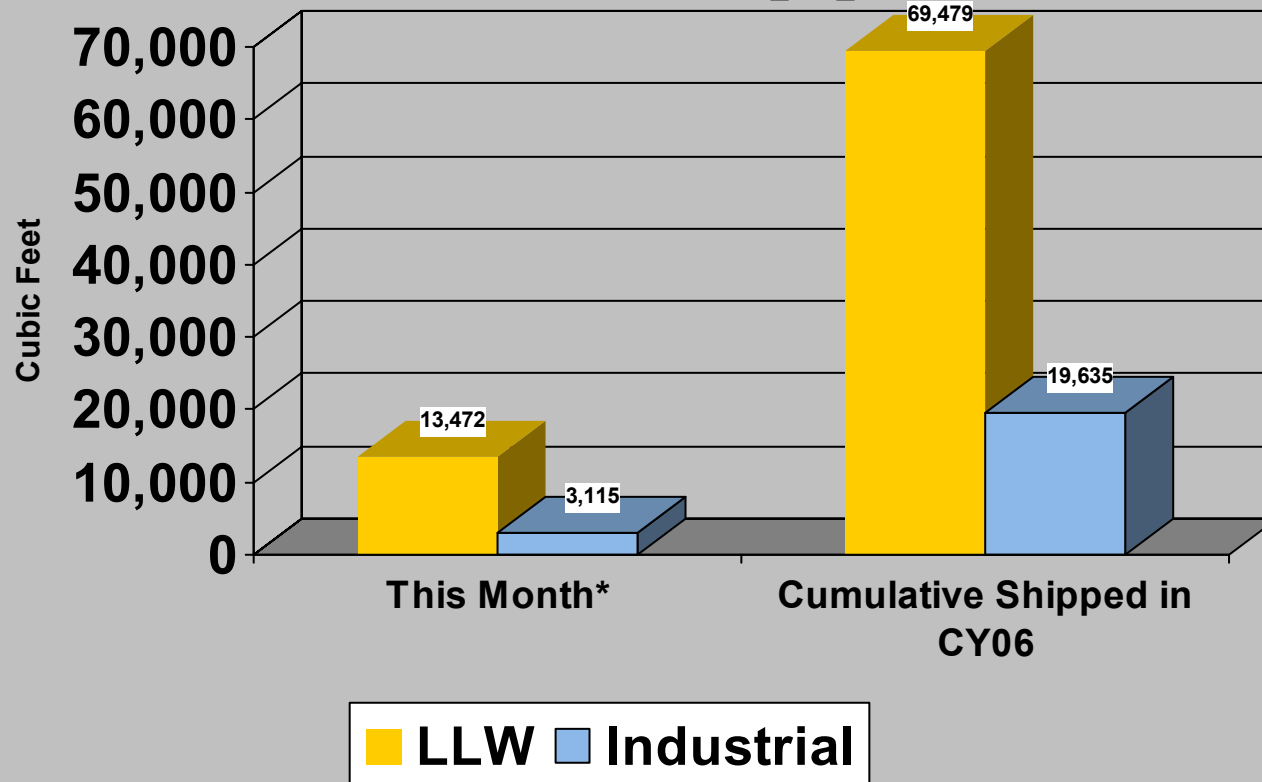


After



Project Update

Waste Shipped



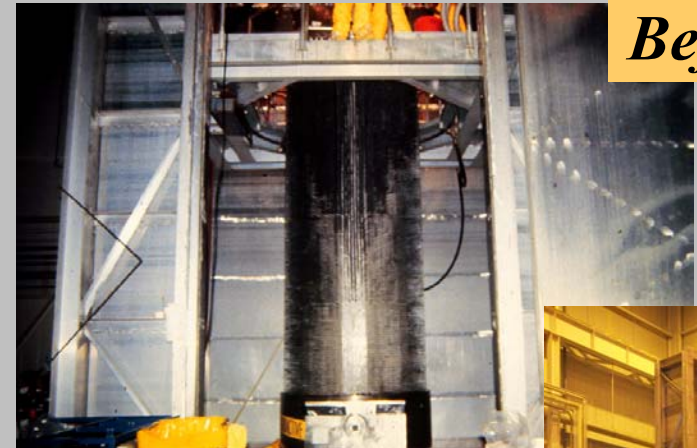
*The amount of LLW shipped between 4/19/06 – 5/18/06



Project Update

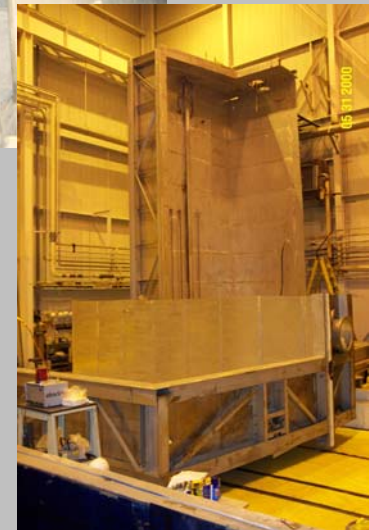
◆ Fuel Receiving & Storage (FRS) Decon Stall

- 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





Project Update

- ◆ **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



New drum up-enders



Project Update

◆ 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

