



# West Valley Demonstration Project

## Project Update

**Bryan Bower**

**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 ft<sup>3</sup> industrial waste and recyclable metal removed



*Before*

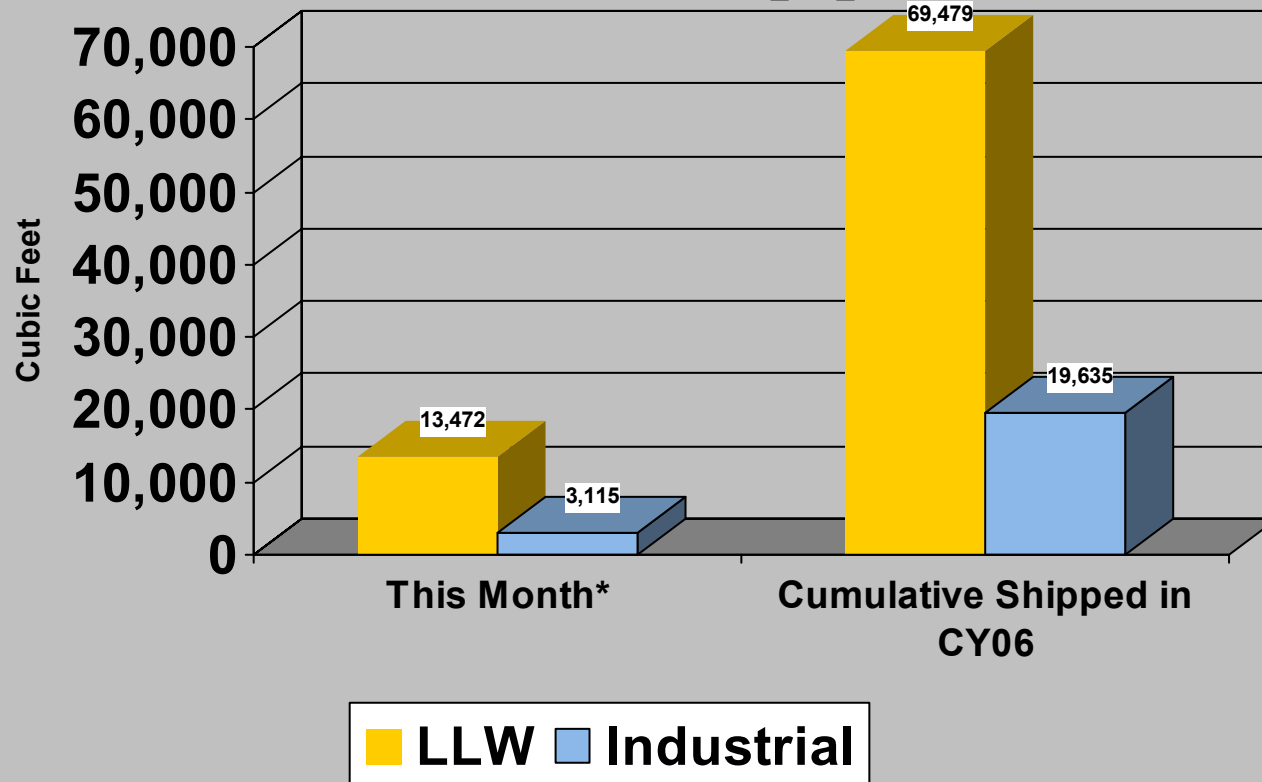


*After*



# Project Update

## Waste Shipped



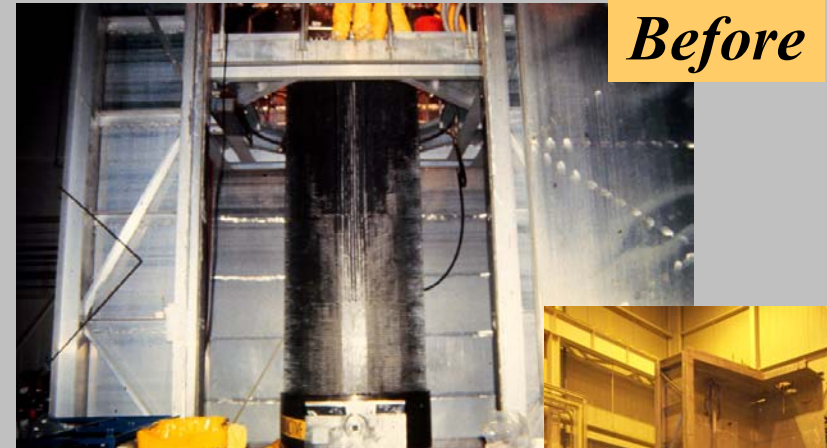
\*The amount of LLW shipped between 4/19/06 – 5/18/06



# Project Update

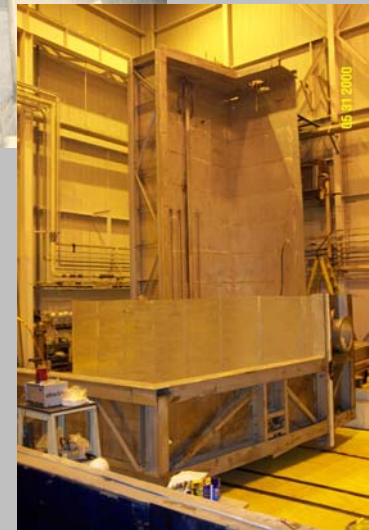
## ◆ Fuel Receiving & Storage (FRS) Decon Stall

- Aluminum stall 15' x 15' x 30' tall
- Approximately 2,800 ft<sup>3</sup> 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

