

West Valley Demonstration Project

Project Update

Bryan Bower

U.S. Department of Energy
September 24, 2008, CTF Meeting



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safety ♦ performance ♦ cleanup ♦ closure

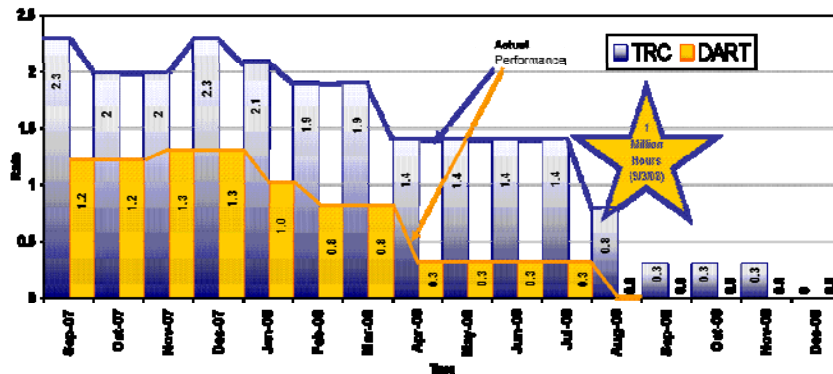
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Safety

Safety Performance
Planned vs Actual



1 Million work hours without a lost-time work accident or illness (Sept 3, 2008)



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Emergency Response Exercise

TRIEX08



"Injured" employee is discovered

- Outside agencies invited to participate
 - Bertrand-Chaffee Hospital (BCH)
 - West Valley Volunteer Hose Company
 - DOE-Headquarters Emergency Operations Center



Left: "Injured" employee is placed on backboard, readied for transport
Below: EMRT personnel are surveyed out after "injured" employee is transported to BCH

- Objectives
 - Security response
 - Emergency Medical Response Team (EMRT)
 - Response to a Transuranic waste box breach



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Main Plant Process Building



Above: External wall of the PPH is scored before cutting

- Completed removal of asbestos-containing material from vessels and equipment in the Acid Recovery Cell
 - Draining and removing in-cell piping
- Gaining access into ground floor of the Product Packaging and Handling (PPH) / Product Purification Cell - North (PPC-N)
 - "Cleanout" point for MPPB debris



Above: Part of the wall is removed using a Track Saw, leaving approximately one foot of concrete wall, which will be removed to install an access door

Below: Part of the wall is removed, leaving approximately one foot of concrete wall, which will be removed to install an access door



09/22/2008



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Waste Management

- Waste Management
 - Successfully reducing the site's inventory of stored waste
 - Processing continues in five locations
 - Remote processing underway in Vitrification Facility and Remote Handled Waste Facility
 - Enhanced contact-handled capabilities with the installation of ventilation hood
 - Resumed low-level waste shipments in August
 - 22 shipments planned through October



Above: Hood installed in Container Sorting and Packaging Facility
Below: Off-site waste shipments resumed



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NRC-licensed Disposal Area Cover

- Barrier wall installation complete
- Cap installation underway
- Evaluating liquid seep



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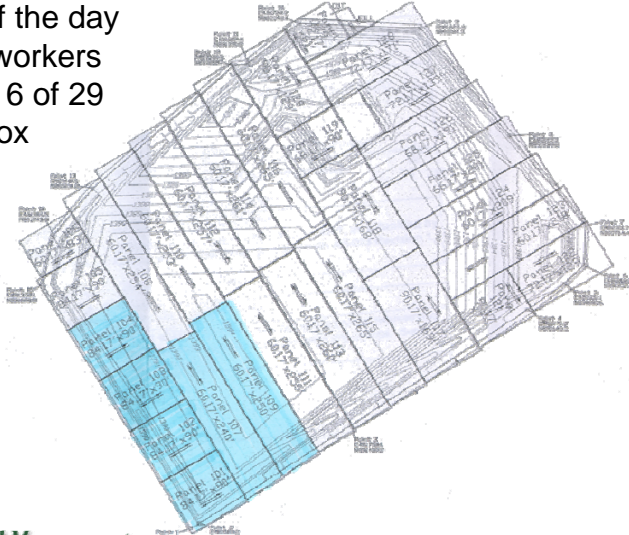
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NDA Cover (cont)

- By the end of the day on Sept 23, workers had installed 6 of 29 panels (approx 20 percent)



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North Plateau Groundwater Plume

- Sampling
 - Samples collected from 23 locations outdoor and inside the Main Plant
 - Analysis underway



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Balance of Site Facilities

- Balance of Site Facilities
 - Demolished three on-site facilities
 - Vit Diesel Shed
 - Old Counting Lab
 - Emergency Vehicle Shelter
 - Accepted bid for dismantlement of Vitrification Test Facility from the Boys and Girls Club of Springville
 - Expect building to be taken down in 2009



Above: Vit Diesel Shed demolition
Below: Emergency Vehicle Shelter demolition



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Community Outreach Initiatives



United Way Day of Caring

- Springville Community Pool
- Delevan Head Start
- 52 WVDP employees completed painting, landscaping, and maintenance projects on August 14



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