



West Valley Demonstration Project

Project Update

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DOE West Valley Demonstration Project

September 27, 2006, CTF Meeting

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WVDP Safety

- ◆ 4,443,000 work hours without a lost time work injury or illness as of 9/25/06
- ◆ Four First Aids
 - Cut to the hand (week of 8/27)
 - Scraped elbow and debris in eye (week of 9/3)
 - Scraped knee (week of 9/17)
- ◆ Recertified as VPP STAR Site
- ◆ Annual Integrated Safety Management System (ISMS) Review
 - ISMS implementation at the WVDP is being implemented effectively
 - No deficiencies, one area for improvement, two observations and five minor findings reported
 - Strength applauded: WVDP “Stop Work” policy

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Waste Shipping

◆ Transportation Issue

- Truck containing low-level waste en-route to Utah for disposal halted when gel-like substance was discovered on the bed of the trailer during a routine inspection
- Driver notified WVDP
- WVDP activated the Transportation Emergency Management Organization (TEMO)
- DOE's Radiological Assistance Program (RAP) Team and WVDP Team of experts responded to the scene
- Gel-like substance was absorbent granules used during packaging that was spilled on the outside of the container, and that came into contact with rain during transit (non-hazardous substance used in baby diapers)
- No radiological contamination detected outside box, no damage to container
- Off-site shipping of radioactive waste suspended pending full evaluation of incident
- Approvals to resume LLW shipments granted September 20, 2006



Waste Box



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Waste Disposition

◆ Waste Disposal

- August 24–September 20, 2006
 - 7,197 cubic feet of industrial waste
 - 8,069 cubic feet of radioactive waste
- Total waste volumes disposed to date this year
 - Approximately 127,000 cubic feet radioactive waste
 - Approximately 52,000 cubic feet industrial waste

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Recent Accomplishments

- ◆ **Sample Storage and Packaging Facility**
 - Demolished and disposed of as industrial waste
- ◆ **02-Building**
 - Work focused on creating asbestos-free building before demolition
- ◆ **Vitrification Test Facility**
 - Electrical isolations complete; removal of mezzanine and two tanks underway
- ◆ **01-14 Building**
 - Electrical and mechanical isolation of three blowers complete
- ◆ **Hittman Building**
 - Internal demolition begun
- ◆ **Interim Waste Storage Building**
 - Electrical isolations begun

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Recent Accomplishments

Main Plant

- ◆ An entry was made in the Product Purification Cell – North (PPC-N) this week to develop
 - More data on radiation levels and waste characterization
 - Plans for scaffolding removal
- ◆ Efforts for waste removal in the mezzanine area in the Cement Solidification System (CSS) complete
 - Process lines completely removed and packaged for disposal
 - To date, in excess of 3,000 ft³ of highly contaminated waste has been removed from the cell.
 - In-cell robot and moyno pump are next to be removed.

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Recent Accomplishments

Boiler Removal



To Alaron
Week of Oct 3

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Recent Accomplishments

CSS Silo



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Environmental Assessment (EA)

◆ Final EA and FONSI

(Finding of No Significant Impact)

—Issued September 14, 2006

—Facilities removed from consideration in the EA:

- Sewage Treatment Plant
- Equalization Basin
- Equalization Tank
- Lag Storage Area 4 & Shipping Depot
- Main 2 Warehouse
- Waste Tank Farm Training Platform – south tower

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Facilities to be Demolished in 2006

- ◆ Fabrication Shop
 - ◆ Hittman Building
 - ◆ Lag Storage Area 1
 - ◆ Waste Tank Farm Test Tower (north tower)
 - ◆ 02 Building
 - ◆ Lag Storage Building
 - ◆ FRS Vent
 - ◆ Interim Waste Storage Facility
 - ◆ Cold Chemical Building
- } *Demo starts next week*

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Facilities to be Demolished in 2006

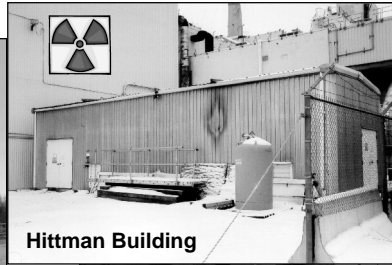
Demo Starts . . .



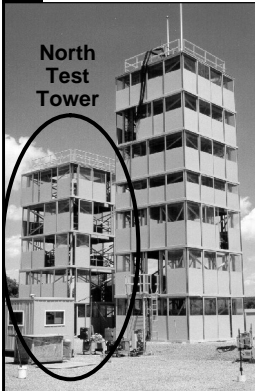
02 Building



Hittman Building



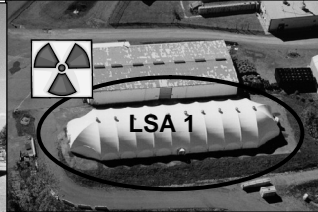
North Test Tower



Fabrication Shop



LSA 1



Next Week!

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