

West Valley Demonstration Project

2009 Funding & Near-Term Work

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This document has been created for planning purposes and assumes a continuing constrained budget environment. Every effort will be made to comply with all applicable environmental legal obligations, while also assuring that essential functions necessary to protect human health, the environment, and national security are maintained.



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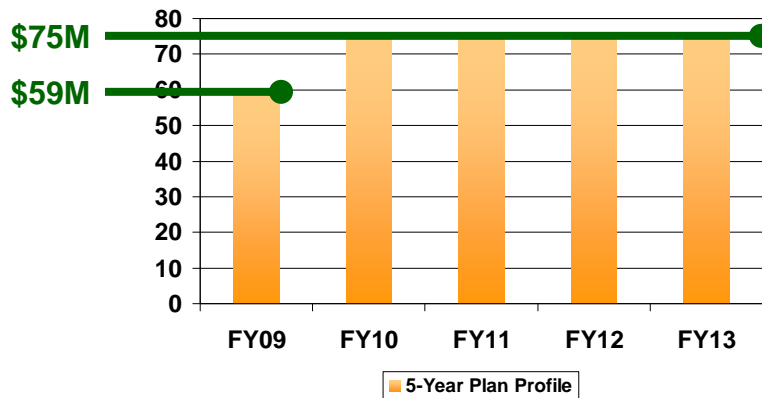
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Funding Profile



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On-Going Activities

- Maintain high-level waste (HLW) canisters in on-site storage
- Environmental monitoring
- North Plateau Groundwater Plume (NPGP) pump and treat
- Security and safeguards
- On-going operations and maintenance



275 HLW canisters are safely stored inside the Main Plant Process Building



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Near-Term Work: FY2009

- NRC-licensed Disposal Area (NDA)
 - Complete cover installation
- Tank Farm
 - Install tank and vault drying system
 - Begin removal of residual liquids
 - Institute groundwater mitigation measures
- NPGP
 - Continue sampling for hazardous constituents and background
 - Conduct field characterization and zeolite testing to support installation of permeable treatment wall
- Footprint Reduction
 - Fuel Receiving and Storage High Integrity Container staging area
 - Laundry Room
 - Live Fire Range
 - Cooling Tower
 - Vitrification waste storage vaults
 - Hazardous waste satellite accumulation area



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Near-Term Work: FY2009

- Continue to . . .
 - Decontaminate the Main Plant Process Building (MPPB); develop demolition plan and obtain approvals
 - Process legacy low-level and TRU waste
- Release Draft Environmental Impact Statement (EIS) for public review
- Submit Decommissioning Plan (D-Plan) to NRC



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Near-Term Work: FY2010

- Characterize and begin deactivation and decontamination of RHWF and Vitrification Facility; begin preparation of demolition plans
- Begin isolation of HLW tanks; complete mitigation of groundwater infiltration
- Complete design and initiate installation of NPPG control measures
- Continue to:
 - Decontaminate the MPPB
 - Manage radiologically-contaminated site water
 - Process and ship LLW for off-site disposal; process TRU waste for on-site storage
 - Process high-activity radioactive waste through the RHWF and Vitrification Facility
- Publish Final EIS and ROD
- NRC issues Technical Evaluation Report
- Begin implementation of EIS ROD activities*

*Subject to EIS process and Record of Decision; currently based on preferred alternative proposed by the Core Team



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Near-Term Work: FY2011

- Continue to . . .
 - Decontaminate the MPPB
 - Manage radiologically-contaminated site water
 - Process and ship LLW for off-site disposal; process TRU waste for on-site storage
 - Process high-activity radioactive waste through the Vitrification Facility
- Complete processing and disposition of legacy TRU waste through the RHWF
- Complete deactivation and decontamination of RHWF and Vitrification Facility
- Complete installation of the Waste Tank Farm tank/vault drying system
- Complete installation of NPGP control measures
- Achieve Interim End State completion
- Continue implementation of EIS ROD activities*

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Near-Term Work: FY2012

- Begin construction of alternative HLW canister storage facility
- Continue implementation of EIS ROD activities*
 - Continue facility disposition (MPPB and balance of site facilities)
 - Lagoon disposition
 - Ship newly-generated waste

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Near-Term Work: FY2013

- Continue EIS Phase I Implementation*
 - Continue facility disposition (MPPB and balance of site facilities)
 - Lagoon disposition
- Continue HLW canister relocation and storage activities
- Ship newly-generated waste

*Subject to EIS process and Record of Decision; currently based on preferred alternative proposed by the Core Team



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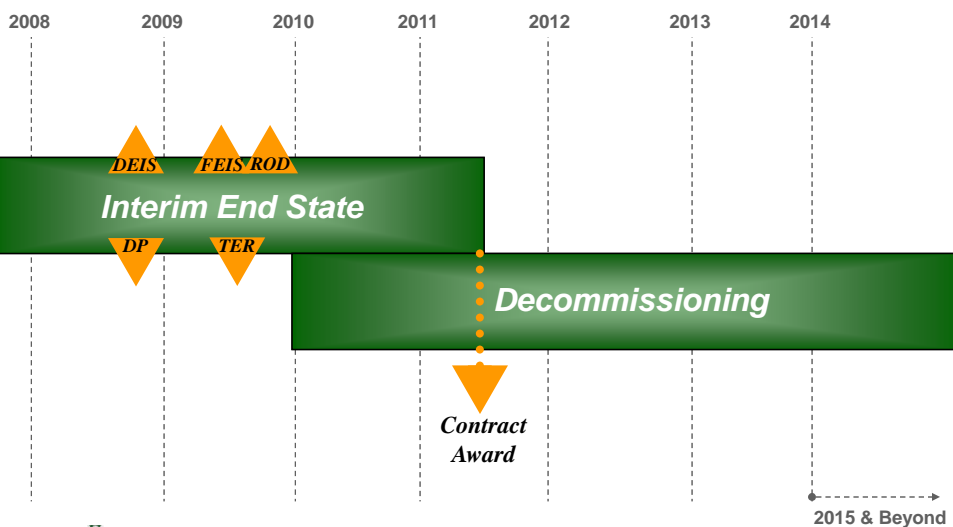
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Integrated Phases



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