

Progress to Cleanup

A status report on cleanup activities at the
Idaho National Engineering and Environmental Laboratory

Idaho Completion Project

Strategic Initiative 1 - Accelerated Tank Farm Closure

Key Milestone

- Complete cleaning and grouting of first pillar and panel vaulted tank by September 2003 - *Additional tanks are being washed in lieu of grouting. Tank cleaning completed on the first five pillar and panel tanks (WM-182, WM-183, WM-184, WM-185, WM-186). Washing of four 30,000 gal. tanks was completed and samples taken. Washing began on one 300,000 gallon tank (WM-181).*

Government Furnished Services and Items

- Waste Incidental to Reprocessing Determination issued for liquid sodium-bearing waste and tank solids by October 2002 (DOE-ID Manager) - *On July 2, Judge B. Lynn Windmill ruled that the WIR evaluation process in DOE Order 435.1 was invalid. DOE has appealed the ruling.*
- Idaho High-Level Waste and Facilities Disposition Environmental Impact Statement Record of Decision is issued by February 2003 - *Pending WIR outcome*

Strategic Initiative 2 - Accelerate High-Level Waste Calcine Removal from Idaho

Key Milestone

- Complete characterization analysis of bin set 2 calcine samples by September 2003 - *Sampling of calcine is complete. Summary Analysis Report and evaluation of the data are due to be completed in May 2004.*

Strategic Initiative 3 - Accelerated Consolidation of Spent Nuclear Fuel to the Idaho Nuclear Technology and Engineering Center

Key Milestones

- Complete transfer of all spent nuclear fuel from the Power Burst Facility (PBF) pool to INTEC and store in the Irradiated Fuel Storage Facility by December 2003 - *All SNF has been transferred from the PBF pool to dry storage at INTEC.*

Government Furnished Services and Items

- Decision issued on transfer of sodium-bonded fuels (Experimental Breeder Reactor-II) by September 2003 (EM-1) - *The NE-ID SNF team will work directly with NE/*

ANL-W to define scope and responsibility by September 2004.

- Disposition path identified for Fermi blanket sodium-bonded fuel by TBD (EM-1) - *This is being worked by the SNF corporate project team to evaluate options and provide recommendations. Testing may be performed to determine if treatment is required prior to disposal.*

Strategic Initiative 4 - Accelerate Off-Site Shipments of Transuranic Waste Stored in the Transuranic Waste Storage Area

Key Milestones

Contact-Handled Transuranic Waste

- Complete Waste Isolation Pilot Plant certification of the Advanced Mixed Waste Treatment Project retrieval operations by March 2003 - *Received EPA approval of the audit report and WIPP certification on March 9, 2004.*
- Initiate Advanced Mixed Waste Treatment Project treatment operations by October 2003 - *Operation startup planned for August 2004. WIPP certification by February 2005.*
- Complete technical strategy document and Critical Decision 0 for mission need by September 2003 - *Completed.*

Government Furnished Services and Items

- Establish Waste Isolation Pilot Plant waste acceptance criteria for remote-handled transuranic waste using acceptable knowledge as the basis for waste characterization by May 2003 (EM-1) - *RH-TRU waste acceptance criteria is projected to be issued in late 2005 by the DOE Carlsbad Field Office.*

Strategic Initiative 5 - Accelerate Remediation of Miscellaneous Contaminated Areas

Key Milestones

- Complete remediation of Central Facilities Area Waste Area Group (WAG 4) by September 2004 - *Active remediation of WAG 4 is complete.*
- Complete remediation of Auxiliary Reactor Area and Power Burst Facility areas (Waste Area Group 5) by September 2004 - *Soil remediation activities are underway and will be completed by September 2004.*



Government Furnished Services and Items

- Critical Decision 4 approval to start operation of the INEEL CERCLA Disposal Facility by March 2003 (DOE-ID Manager) - *DOE Order 435.1 disposal approval was granted on July 1, 2003.*
- Issued Record of Decision amendment for Test Area North V-tanks - *The V-tanks ROD Amendment has been signed by IDEQ, EPA, and DOE and is now complete.*

Strategic Initiative 6 - Eliminate On-Site Treatment and Disposal of Low-Level and Mixed Low-Level Waste

Key Milestones

- Remove all mixed low-level waste from the Waste Reduction Operations Complex by the end of 2003 - *All legacy mixed low-level waste containers have been removed from WROC.*
- Complete treatment of 807 cubic meters of containerized legacy mixed waste by September 2003 - *Completed.*

Government Furnished Services and Items

- Off-site disposal is available for mixed low-level waste by the start of FY 2004 (EM-1) - *BBWI is currently evaluating alternative strategies to reduce the volume of no path waste. Pending Hanford permit. May use new DOE contracting mechanism.*

Strategic Initiative 7 - Transfer all EM-Managed Special Nuclear Material Off-Site

Key Milestones

- Complete disposition plan including shipping schedule to other sites by September 2003 - *Completed. This plan was effective as of July 2003.*
- Complete repackaging and shipment of denitrator product special nuclear material to another site(s) by December 2004 - *Repackaging of the denitrator product began on January 28, 2004 and off-site shipments began in February, 2004. 38% (118) of the original 311 containers have been repackaged for shipping and 15% (45) have been shipped offsite.*

Government Furnished Services and Items

- Decision issued on disposition of all EM-managed unirradiated spent nuclear material located at the INEEL by September 2003 - *Disposition path has been identified for 70 percent of the material.*
- Decision issued on transfer of storage building ownership, with contents, to another program by September 2003 (EM-1) - *No mission need identified for the subject facility. The facility will be emptied by September 30, 2009 and turned over to D&D for final dispositioning.*

Strategic Initiative 8 - Remediate Buried Waste in the Radioactive Waste Management Complex

Key Milestone

- Complete glovebox excavator method excavation by October 1, 2004 - *Completed waste zone excavation on February 22, 2004.*

Government Furnished Services and Items

- Critical Decision 4 approval to proceed to the operations phase of the glovebox excavator method project on or before March 2004 (DOE-ID Manager) - *Completed.*

Strategic Initiative 9 - Accelerate Consolidation of INEEL Facilities and Reduce Footprint

Key Milestones

- Complete consolidation and reconfiguration of Test Area North by September 2004 - *On schedule. All physical work is completed in the isolation of 601 from 602. Isolation of LOFT from SMC is in progress and on schedule.*
- Complete consolidation and reconfiguration of Waste Reduction Operations Complex/Power Burst Facility area by the end of September 2004 - *Turn over of operations is completed for WROC facilities. RCRA closures are progressing well for completion by July 2004. Demolition of PBF reactor area is on accelerated schedule.*