

Progress to Cleanup – Performance Management Plan (PMP) Status

Progress Report to the Citizen’s Advisory Board on the Idaho Cleanup Project (July 2004)

Strategic Initiative 1- Accelerated Tank Farm Closure

Key Milestones

- Complete cleaning and grouting of second pillar and panel vaulted tank by September 2004 – *Additional tanks are being washed in lieu of grouting. Washing of four 30,000 gal tanks and an additional 300,000 gal tank was completed and samples taken.*

Government Furnished Services and Items

- Waste Incidental to Reprocessing Determination issued for liquid sodium-bearing waste and tank solids by October 2002. – *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

- 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 was completed in June 2004.*
- Define technology development needs and initiate development work for non-intrusive calcine characterization by September 2004 – *Activities for technology development have been initiated and are on schedule for a report by the end of the fiscal year.*

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 Test Area North storage pad to a

new cask storage pad at INTEC by September 2005 – *Construction of a dry storage pad at INTEC is complete. Planned transfer in November 2004, 10 months ahead of schedule.*

Government Furnished Services and Items

- Decision issued on transfer of sodium-bonded fuels (Experimental Breeder Reactor-II) by September 2003 – *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 – *This is being worked by the corporate project team to evaluate options and provide recommendations.*

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

Key Milestones

- Initiate Advanced Mixed Waste Treatment Project treatment operations by October 2003 – *Operations startup planned for September 2004. WIPP certification by February 2005.*
- Initiate shipment of remote-handled transuranic waste not requiring repackaging to the WIPP by 2004 – *Forecasted opening of WIPP for RH-TRU waste is sometime in 2005.*

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 – *RH-TRU waste acceptance criteria is projected to be issued in late 2005 by the DOE Carlsbad Field Office*

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Strategic Initiative 5 – Accelerate Remediation of Miscellaneous Contaminated Areas

Pending Hanford permit. May use the new DOE contracting mechanism.

Key Milestones

- Complete remediation of Central Facilities Area Waste Area Group (WAG 4) by September 2004 – *Active remediation of WAG 4 is complete. Final Remediation Action Report is at EPA and IDEQ.*
- Complete remediation of Auxiliary Reactor Area and Power Burst Facility areas (WAG 5) by September 2004 – *Soil remediation activities are underway and will be completed by September 2004.*
- Complete characterization of all voluntary consent order tanks by September 2005 – *Characterization of 75% of the VCO tanks has been submitted to IDEQ. On schedule.*
- Complete remediation of Test Area North by September 2005, except for on-going pump and treatment of groundwater – *Soil remediation continues with the removal of the PM-2A tanks and completion of burn pit soil removals.*

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

Key Milestones

- Consolidate mixed low-level waste storage to a single permitted facility at the INTEC by September 2004 – *Progress continues in emptying permitted facilities. A final review of permitted storage capacity needs is being conducted.*
- Complete disposition of 1,900 m3 of containerized legacy mixed low-level waste by September 2004 – *Continuing to ship MLLW off-site. Through June a cumulative 1,090 m3 has been shipped off-site for treatment and disposal.*

Government Furnished Services and Items

- Off-site disposal is available for mixed low-level waste by the start of FY 2004 – *BBWI is evaluating alternative strategies to reduce the volume of no-path waste.*

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

Key Milestones

- Complete repackaging and shipment of denitrator product special nuclear material to another site(s) by December 2004 – *Repackaging of denitrator product began in January and off-site shipments began in February. To date 206 (66%) of the original 311 containers have been repackaged for shipment and 171 (55%) have been shipped off-site.*

Government Furnished Services and Items

- Decision on disposition of all EM-managed unirradiated special nuclear material located at the INEEL by September 2003 – *Disposition path has been identified for 70% of the material.*

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

Key Milestones

- Complete Glovebox Excavator Method excavation by October 1, 2004 – *Completed waste zone excavation on February 22, 2004.*

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

Key Milestones

- Complete consolidation of Test Area North by September 2004 – *On schedule. Completed engineering study to determine final work scope.*
- Complete consolidation and reconfiguration of Waste Reduction Operations Complex / Power Burst Facility by September 2004 – *RCRA closures progressing. Demolition of PBF reactor area on accelerated schedule.*