

***Environmental Management
Idaho Operations Office
Cleanup Vision***



U.S. Department of Energy
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Idaho's 2015 Cleanup Vision

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Complete Idaho's EM Clean Up Mission, except Calcine by 2015

Building on the ARRA momentum, the Idaho team will:

- ✓ Reduce the Idaho clean up cost to American Taxpayers by \$2.4 Billion
- ✓ Protect the Snake River aquifer
- ✓ Shrink the active footprint by 92%: Idaho footprint reduced from 775 acres to 62 acres.
Deactivate and demolish over 240 facilities/structures
- ✓ Complete all TRU waste disposition:
 - 65,000 meters³ of stored CH TRU waste 4 years ahead of the Idaho Settlement Agreement requirement
 - All RH TRU waste out of state 4 years ahead of the Idaho Settlement Agreement requirement
 - All targeted buried waste in the subsurface disposal area 9 years ahead of schedule
 - Optimize WIPP operations
- ✓ Disposition and demolish over 240 facilities and structures at the INL
- ✓ Treat and close the last 4 High Level Waste tanks: Construction and operation of the SBW facility by 2012 enables closure of the last 4 of 15 High Level Waste tanks by 2014
- ✓ Complete all of Idaho's EM legacy cleanup missions, advance calcine disposition and maintain SNF in safe/dry storage

Return on American Taxpayers' Investment at Idaho - Key Cleanup Accomplishments

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Cleanup Scope	Accomplishments To Date	Status by FY 2015
TRU Dispositioned (m3)	41,866 of 65,000 cubic meters TRU waste disposed	Dispositions 65,000 m3 – completes Idaho Settlement Agreement milestone
SBW Tanks RCRA Closed	11 of 15 Tanks Closed	Closes all 15 Tanks (11 @ 300,000 gallons; 4 @ 30,000 gallons)
Retrieval of Buried Waste (Acres)	1.69 of 5.69 acres Buried Waste Retrieved	Exhumes 5.69 Acres of soil and treat and ship accompanying targeted waste – completes Idaho Settlement Agreement and Agreement to Implement
D&D of Facilities and Structures	199 of 241 Facilities and Structures D&D	Completes D&D of 241 facilities/structures
RH-TRU Containers Shipped	729 out of 811 containers shipped	Dispositions 811 Containers of RH-TRU waste
EBR II Fuel Bottles Shipped	Begins in FY 2011	Transfers all 3,624 Bottles of EBR II fuel from CPP 666 to MFC

Idaho FY 2012 budget need by PBS

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	PBS	Description	FY 2012 (in M\$)
Cleanup PBSs	ID-0012B-D	Spent nuclear fuel receipts and surveillance and maintenance including EBR II transfers	\$25.7
	ID-0012B-N	NRC licensed facilities	\$4.6
	ID-0013	CH and RH TRU retrieval, treatment, and shipment. Includes the operation of Advanced Mixed Waste Facility which not only treats and disposes Idaho TRU waste, but also treats non-Idaho CH TRU waste for final disposition at WIPP.	\$186.5
	ID-0014B	Operation of the Sodium Bearing Waste Treatment Facility, Calcine Disposition Project, and infrastructure costs for INTEC	\$114.9
	ID-0030B	Exhumation and characterization of targeted CH TRU waste at the subsurface disposal . Groundwater and other soil remediation activities as prescribed by Record of Decisions and other CERCLA requirements.	\$124.3
Community and Regulatory Support	ID-0100	Provides support to site specific advisory board and grants to regulators	\$4.0
	Total Need	Idaho Operations Office	\$460.0

FY2012 Budget Request to Meet 12088 Requirements

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PBS	Regulatory Document	Regulatory Requirement	Milestone Date
ID-0013	Site Treatment Plan	Process 4,500 meters ³	Annually
ID-0013	Idaho Settlement Agreement	Running average of no fewer than 2,000 meters ³ shipped out of state	Annually
ID-0013	Idaho Settlement Agreement	All TRU waste shipped out of Idaho no later than 12/31/2018	December 31, 2018
ID-0014B	Idaho Settlement Agreement	Complete treatment of sodium bearing waste	December 31, 2012
ID-0014B	Idaho Settlement Agreement	Submit RCRA Part B permit to state of Idaho	December 1, 2012
ID-0014B	Notice of Non-compliance consent order	Cease use of the existing sodium bearing waste storage tanks at the INTEC tank farm	December 31, 2012