

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



**U.S. Department of Energy**  
***January 2010***

# 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 meters<sup>3</sup> 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)	<b>41,866 of 65,000 cubic meters TRU waste disposed</b>	Dispositions 65,000 m3 – completes Idaho Settlement Agreement milestone
SBW Tanks RCRA Closed	<b>11 of 15 Tanks Closed</b>	Closes all 15 Tanks (11 @ 300,000 gallons; 4 @ 30,000 gallons)
Retrieval of Buried Waste (Acres)	<b>1.69 of 5.69 acres Buried Waste Retrieved</b>	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	<b>199 of 241 Facilities and Structures D&amp;D</b>	Completes D&D of 241 facilities/structures
RH-TRU Containers Shipped	<b>729 out of 811 containers shipped</b>	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 <sup>3</sup>	Annually
ID-0013	Idaho Settlement Agreement	Running average of no fewer than 2,000 meters <sup>3</sup> 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