
Idaho Cleanup Project

ICP End State

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EM *Environmental Management*

ICP Mission - INTEC

- Idaho Nuclear Technology & Engineering Center Mission
 - Spent Fuel Management
 - Involves CPP-666, 603, 749, 1744, 2707 & Fort St Vrain
 - Spent fuel (SNF) returns to Naval reactors Facility
 - SNF to Materials & Fuels Complex
 - SNF receipts from Advanced Test reactor
 - Foreign Research Reactor/Domestic Research Reactor Fuel receipts through 2018
- Settlement Agreement Milestone requires SNF to be out of wet storage by December 31, 2023
- Settlement Agreement Milestone requires SNF to be out of Idaho by January 1, 2035



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ICP Mission – INTEC Continued

- Tank Closure
 - Treat ~980,000 Gallons Sodium Bearing Tank Waste
 - Sodium Bearing Waste Treatment Facility
 - New Waste Calcine Facility (NWCF), Liquid Effluent Treatment & Disposal, Process Equipment Waste facilities, INTEC Stack
 - Facilities support SBW mission, NWCF supports Remote Handled Transuranic Waste Shipments (RH-TRU) to WIPP
 - Require RCRA Closure and D&D to support INTEC Tank Farm Cap installation



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ICP Mission Work – INTEC Continued

- RH-TRU Shipments to WIPP
 - NWCF (CPP-659) and CPP-666 Fluorinel Dissolution Process Cell
 - Supports Settlement Agreement Milestone requirement to remove TRU waste December 31, 2018
 - Support Navy TRU Shipments to WIPP
 - CPP-659 will require RCRA Closure & D&D, CPP-666 has potential future mission.



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ICP INTEC end state

- INTEC end state
 - Calcine project to meet Settlement Agreement milestone to be road ready by 2035
 - Facilities with future mission will be transferred to Office of Nuclear Energy
 - Final Engineered Cap over Tank Farm



ICP Mission– Radioactive Waste management Complex

- Advanced Mixed Waste Treatment facility
 - Supports Settlement Agreement Milestone for TRU Waste out of Idaho by 2018
 - Potential Future Mission post 2018



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ICP Mission– RWMC

- Subsurface Disposal Area
 - ARP VIII construction complete
 - ARP IX last ARP to be built
 - Current mission runs to 2025 with current funding
- Exploring options to accelerate ARP retrieval



ICP Mission – Materials and Fuels Complex

- Complete D&D of MFC 766 and 767 (Reactor Building and Sodium Boiler Building)
 - Includes complete RCRA closure of 766
- Reconfigure MFC – 793 to support RH-TRU Shipments and 799 to support Sodium Treatment
 - RCRA permit modifications to 793 for sodium treatment

