

Idaho Cleanup Project (ICP) Update

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Idaho Cleanup Project

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Leadership In Nuclear Energy Commission

Actions Since We Last Met

- ✓ Completed sludge operations in ARP VII
- ✓ Celebrated IWTU transition to routine sodium bearing waste operations.
- ✓ Completed D&D of ARP V (July 19th) and ARP III (October 6th)
- ✓ Completed Idaho CERCLA Disposal Facility (ICDF) expansion site preparation
- ✓ Completed 348 shipments to WIPP in FY 2023
- ✓ Navy S1W dismantlement underway



ARP V – Start of D&D

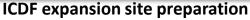


ARP V – D&D completed

Plans for 2024

- Continue IWTU sodium-bearing waste operations
- Complete D&D of the remaining ARPs by December 2024
- Continue Idaho CERCLA Disposal Facility expansion efforts
- Continue waste certification and shipments
- Continue Naval Reactors Facility D&D
- Calcine technology verification







S1W dismantlement

Integrated Waste Treatment Unit

Plant achievements

- Completed system performance test
- Transitioned to routine waste treatment operations
- Processed 68,048 gallons (~8%) to date

Maintenance outage

- Routine granular activated carbon (GAC) changeout
- Opportunistic maintenance
 - Replace coal and coke feed transfer lines
 - Complete nitrogen generation system installation
 - Replace waste feed nozzles
 - Investigate DMR temperature differential issues



GAC bed vessels

Upcoming Events

- A1W turnover ceremony
- ARP demolition
- Complete IWTU maintenance and resume operations
- Waste shipments to WIPP