



Idaho Cleanup Project (ICP) Update

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Leadership In Nuclear Energy Commission



EM Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

Idaho Cleanup Project

Actions Since We Last Met

- ✓ Completed D&D of the ARP IV facility
- ✓ Started Integrated Waste Treatment Unit (IWTU) heat up
- ✓ Met annual regulatory requirements for transuranic (TRU) waste shipping
- ✓ Continued wet to dry spent nuclear fuel transfers
- ✓ Mapped interior of bin set 1 calcine storage vault



ARP IV start of D&D



ARP IV structure collapsed



ARP IV D&D completed



Plans for Remainder of 2023

- IWTU sodium bearing waste operations
- Complete spent fuel wet to dry transfers
- Complete D&D of ARP V
- Complete sludge operations in ARP VII
- Prepare ARPs II and III for D&D
- Continue waste certification and disposition
- Initiate expansion of Idaho CERCLA Disposal Facility
- Continue Naval Reactors Facility D&D
- Calcine technology verification
- Initiate the SDA cap construction plan



Waste waiting for shipment to WIPP



Shipments to WIPP



Spent fuel storage facility



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Sodium-Bearing Waste

Key steps to IWTU start up

- ✓ Readiness Assessments—verified facility ready for radioactive waste processing
- ✓ Complete inspections, equipment upgrades, and preparations for radiological operations
- Startup and operate facility for approximately 30 days on simulant
- Receive HQ authorization to begin radioactive waste processing
- Begin processing radioactive waste



IWTU facility



Upcoming Events

- Celebrate completion of wet to dry spent nuclear fuel transfers
- Celebrate startup of IWTU radiological operations
- Developing integrated plans and schedules for managing DOE and Naval spent nuclear fuel at Idaho

