



# Idaho Cleanup Project (ICP) Update

---

**Connie Flohr, Manager**  
Idaho Cleanup Project

October 26, 2023

*Leadership In Nuclear Energy Commission*



**EM** Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

Idaho Cleanup Project

# 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 19<sup>th</sup>) and ARP III (October 6<sup>th</sup>)
- ✓ 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



ICDF expansion site preparation



S1W dismantlement



**EM** Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

Idaho Cleanup Project



# 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

