



# Idaho Cleanup Project (ICP) Update

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*Leadership In Nuclear Energy Commission*



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# Integrated Waste Treatment Unit (IWTU)

- Completed maintenance outage
  - ✓ Granular activated carbon (GAC) bed changeout
  - ✓ Coke and coal feed transfer lines replaced
  - ✓ Converted nitrogen generation system to electric
  - ✓ Replaced waste feed nozzles
- Startup preparations underway
- Near term activities
  - ☐ Complete startup preparations
  - ☐ Plant heat-up
  - ☐ Stabilize operations on simulant
  - ☐ Re-commence treatment of waste



GAC bed vessels

## IWTU by the numbers

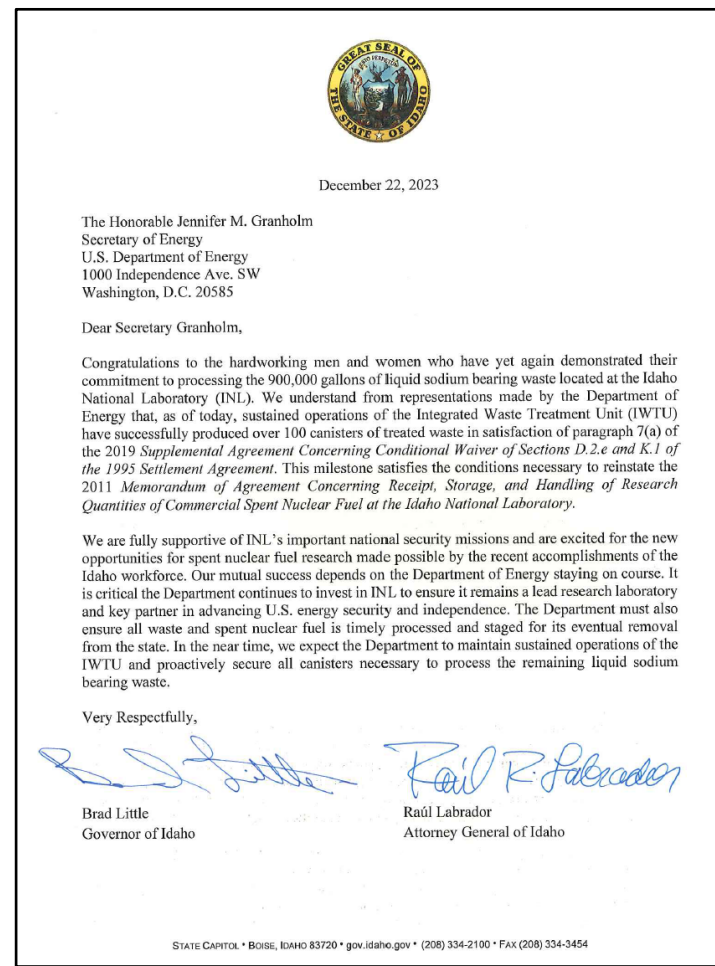
- ✓ Processed 68,048 gallons
- ✓ 8% of total waste volume
- ✓ 140 canisters filled





# Meeting Our IWTU Commitments

- Met 100 canister metric in Idaho Settlement Agreement
- State of Idaho memo
- INL can resume receipt of research-quantities of spent nuclear fuel
- Milestone is to treat at least 15% of waste annually



Letter from the State of Idaho



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# Plans for 2024

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



ARP Demolition



A1W dump condenser dismantlement



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# ARP Demolitions



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# Questions?



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