



Idaho Cleanup Project Update

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Idaho Cleanup Project

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Leadership In Nuclear Energy Commission



EM Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

Idaho Cleanup Project

Highlights Since May 2021

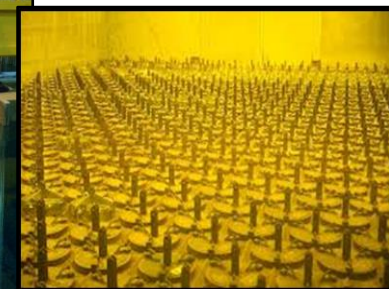
- Awarded follow-on ICP contract to **Idaho Environmental Coalition, LLC (IEC)**
- Completed Outage J at the Integrated Waste Treatment Unit (IWTU)
- Waste disposition
 - Shipments to the Waste Isolation Pilot Plant (WIPP)
 - Continued sludge processing
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
 - Continued buried waste exhumation
 - Installed new In Situ Bioremediation (ISB) treatment well at TAN
- Spent Nuclear Fuel (SNF)
 - On track for wet to dry transfers by 2023



USGS
drilling the
new ISB
treatment
well



Readying EBR-II
fuel for transfer



CPP-603 Dry Storage



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New ICP Contract

Nine Major Scope Objectives

- ❖ Radioactive Waste Management Complex (RWMC) Closure (Resource Conservation and Recovery Act (RCRA) and CERCLA completions)
- ❖ Complete transuranic (TRU) Waste Shipments Out of the State of Idaho
- ❖ Sodium Bearing Waste Processed and Tank Farm Closure
- ❖ Calcine Retrieval Project
- ❖ Maintain Facilities and Infrastructure
- ❖ Maintain Regulatory Compliance
- ❖ SNF Operations and Management
- ❖ SNF Disposition
- ❖ Facility Decontamination and Decommissioning (D&D)

Key Dates

- ✓ Awarded May 27, 2021
- ✓ Protested June 15, 2021
- ✓ Withdrawn July 12, 2021
- ✓ Notice to Proceed July 30, 2021
- Transition October 1, 2021

- End state contracting model
- Single award IDIQ contract
- Cost reimbursable (mainly) or fixed price task orders may be issued
- \$6.4B IDIQ maximum ordering value (ceiling) which includes the Naval Reactors work



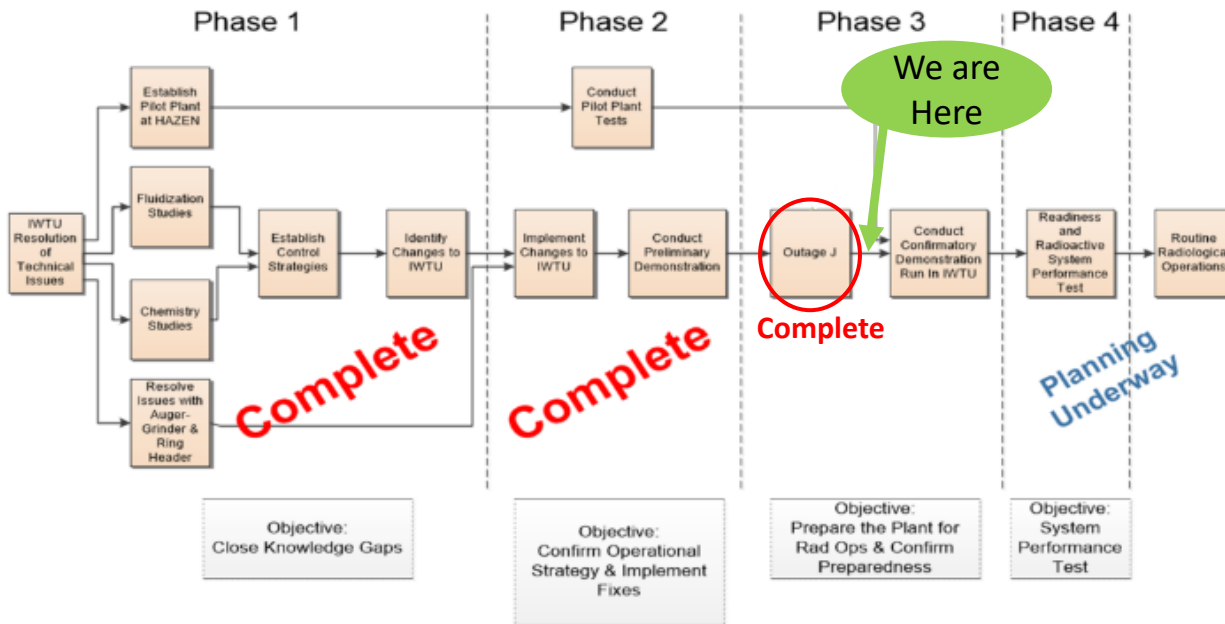
New ICP Contract



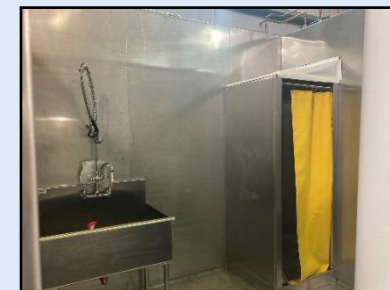
The LLC team consists of Jacobs, North Wind Portage as teaming partners, with integrated small business subcontractors Navarro, Oak Ridge Technologies and Spectra Tech



Sodium-Bearing Waste



Operators and engineers conducting integrated testing of canister decon robot



Personnel decon station



Wet decon system control station

Key Steps to Start Up

- Contractor Readiness Assessment – ensure state of readiness
- DOE Readiness Assessment – federal verification of readiness
- Confirmatory Run – ensure plant meets test conditions
- Radiological Readiness Assessments – during confirmatory run
- HQ authorization to proceed to radiological operations



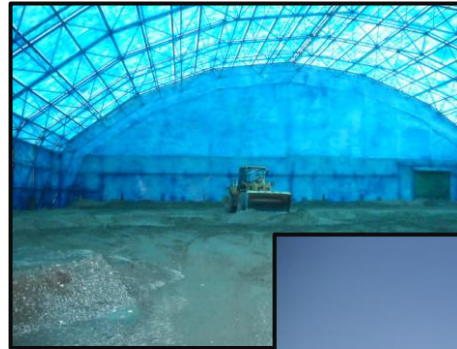
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Plans for Remainder of 2021

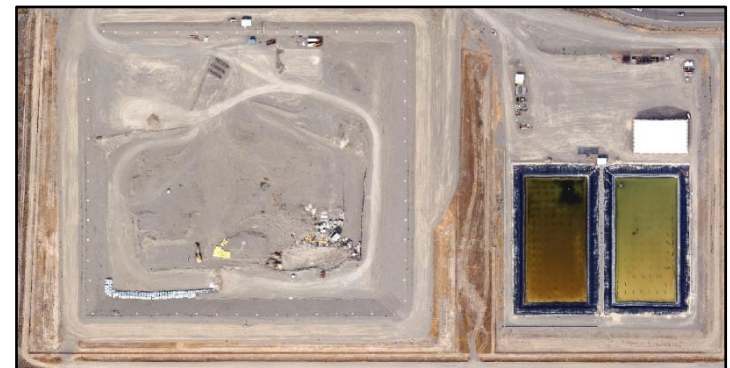
- New contract transition
- IWTU path to operations
- Waste disposition
 - Sludge processing
 - Waste certification and shipping
 - RCRA closure and D&D planning
- CERCLA
 - Buried waste exhumation
 - ICDF expansion planning
- SNF
 - Wet to dry transfers
 - Packaging demonstration planning
- Calcine
 - Determine path forward



Above & Right:
D&D
prep and
demolition



Above: ARP
facility dropped
and covered in
place



Current ICDF Landfill



Summary

- Continue to address COVID-19 and sustain safe operations
- IWTU continues forward
- Buried waste exhumation remains on track to complete ahead of the 2023 regulatory milestone
- TRU waste continues steady progress
- Application of lessons learned across EM continues to be a routine part of our cleanup project effort
- Strong engagement between DOE and the State of Idaho supports significant cleanup progress

