



U.S. DEPARTMENT OF
ENERGY

OFFICE OF
**ENVIRONMENTAL
MANAGEMENT**

Idaho 2020 EM Budget Priorities

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Overarching Priorities

- Protect the Snake River Plain Aquifer
 1. Exhume targeted buried waste
 2. Solidify liquid waste stored over the aquifer
 3. Remove all stored transuranic waste from above aquifer
 4. Cap remaining buried waste
 5. Remove all stored spent nuclear fuel from wet to dry

ICP Core 5-Year Focus

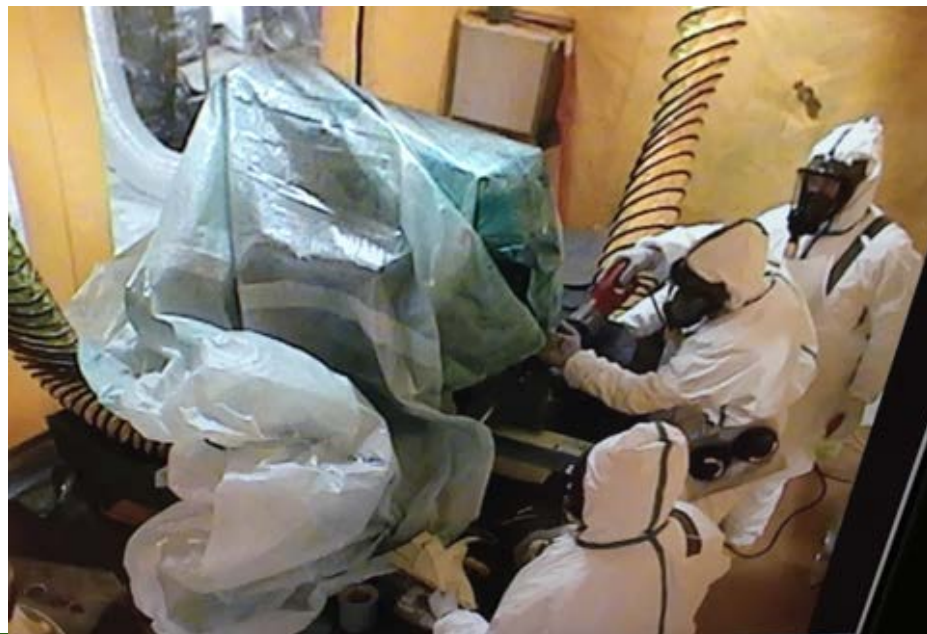
- Complete exhumation of all targeted buried waste and Phase 1 report. Complete associated treatment and associated certification of this waste.
- Complete Integrated Waste Treatment Unit system recovery and begin treatment of 900,000 gallons of sodium bearing waste.
- Complete certification of all Idaho Settlement Agreement transuranic waste, and ship to WIPP according to WIPP shipping schedule.
- Complete placement of 1,000 Advanced Test Reactor spent nuclear fuel elements from wet to dry storage.
- Complete the transfer of Experimental Breeder Reactor-II spent nuclear fuel bottles to either MFC for treatment by INL contractor, or placement in dry storage.
- Complete the final design document for the Subsurface Disposal Area cap.

FY 20 High-Level Priorities

- Contract-Handled Transuranic Waste:
 - Complete** waste acceptance criteria implementation for TRU waste certification.
 - Continue shipping Idaho Settlement Agreement contact-handled transuranic waste out of Idaho, according to WIPP shipping schedule.
- Remote-Handled Transuranic Waste:
 - Continue RH waste certification.
- Subsurface Disposal Area:
 - Complete** exhumation and continue treatment of targeted buried waste.



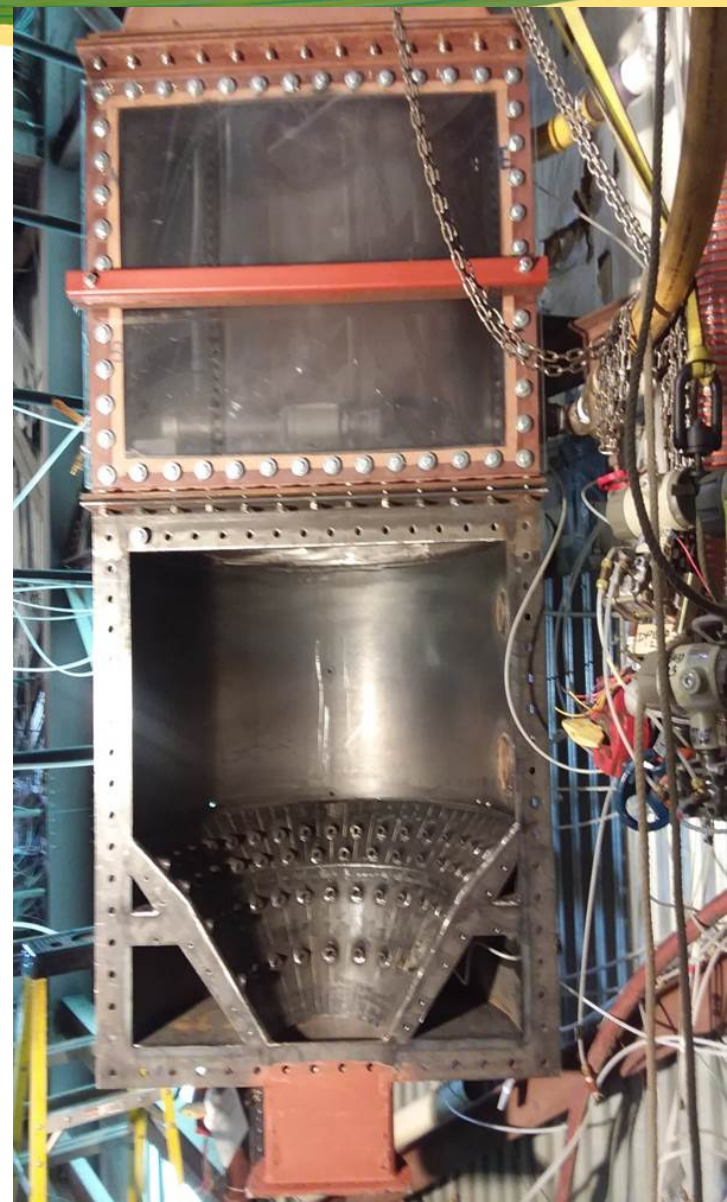
Unloading drums from over-pack in WMF-635



FY 20 High-Level Priorities

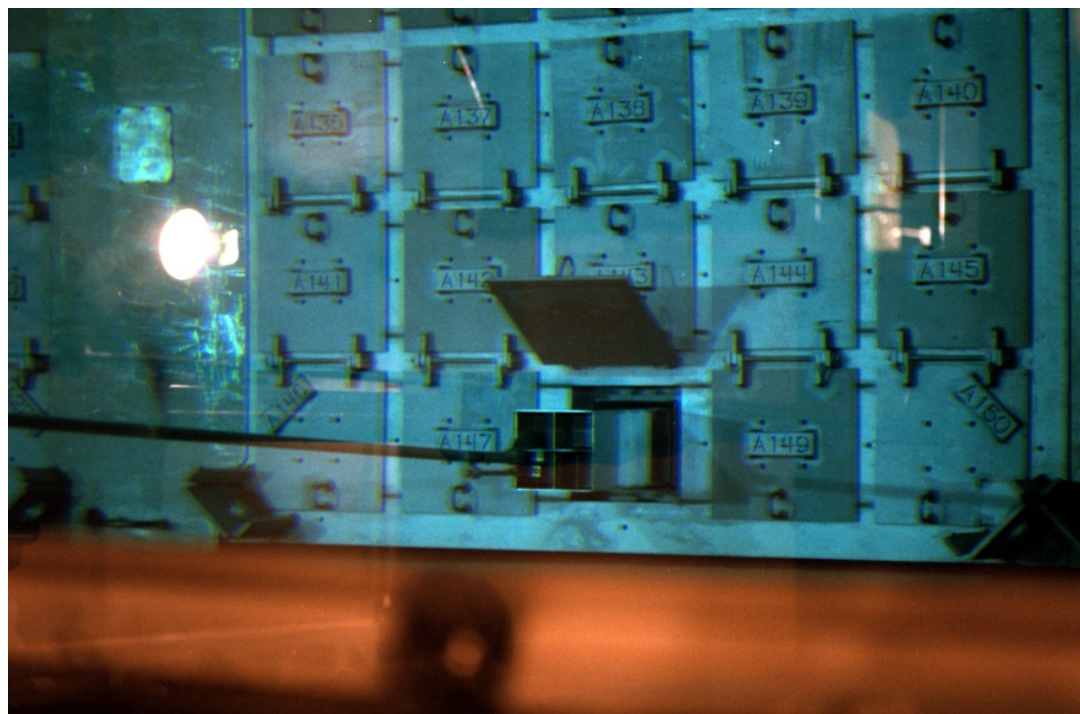
- Liquid Waste:
 - Continue treatment of 900,000 gallons of sodium bearing waste.

Double Plenum cold flow testing rig at PSRI.



FY 20 High-Level Priorities

- Spent Nuclear Fuel:
 - Complete** transfer of 1,000 Advanced Test Reactor elements from CPP-666 to dry storage.
 - Continue transfer of Experimental Breeder Reactor-II spent nuclear fuel to dry storage or treatment/
- CERCLA:
 - Maintain all remediation activities.
 - Complete** design of cap for Subsurface Disposal Area.
- Calcine Retrieval:
 - Begin demonstration of calcine retrieval from Bin Set 1.



CPP-666 – Pulling a fuel basket from a rack within the storage pool.