



U.S. DEPARTMENT OF
ENERGY

OFFICE OF
**ENVIRONMENTAL
MANAGEMENT**



RadWaste Summit – Panel Discussion

June 7, 2023

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Safety Significant Confinement Ventilation System (SSCVS)

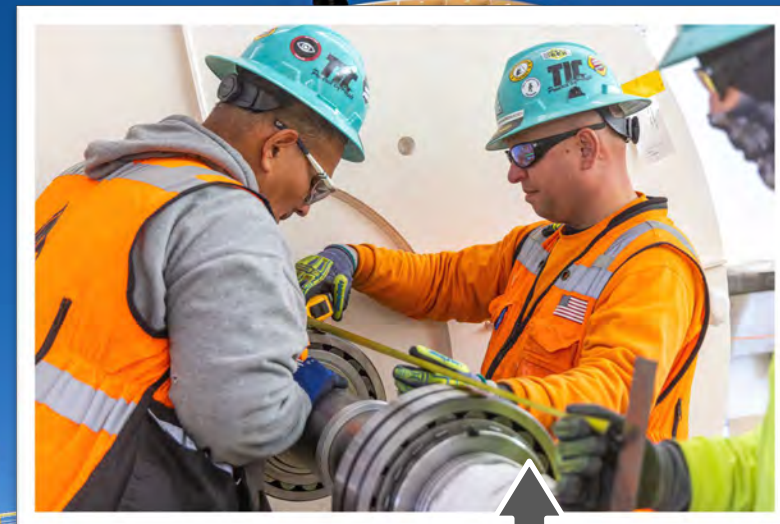
Increase the amount of airflow to the underground

Progress

- Overall project about 83% complete
 - New Filter Building (NFB) about 81% complete
 - Salt Reduction Building (SRB) is about 97% complete
 - Installation of fans is about 65% complete

100% Complete

- Fabrication Assembly Building
- Office Trailer Complex
- Two Diesel Generators

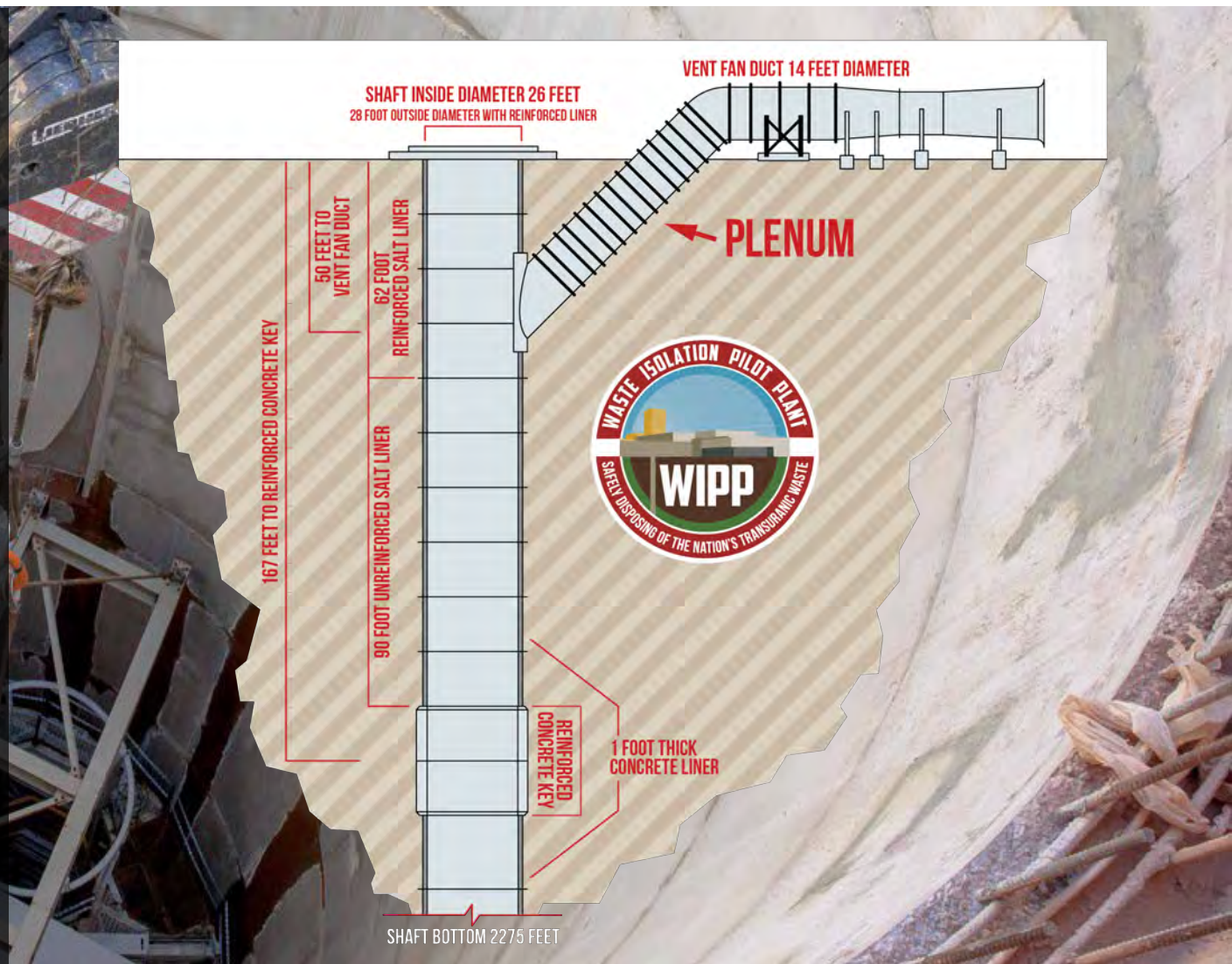


Assembly of Safety Significant Confinement Ventilation System fan components

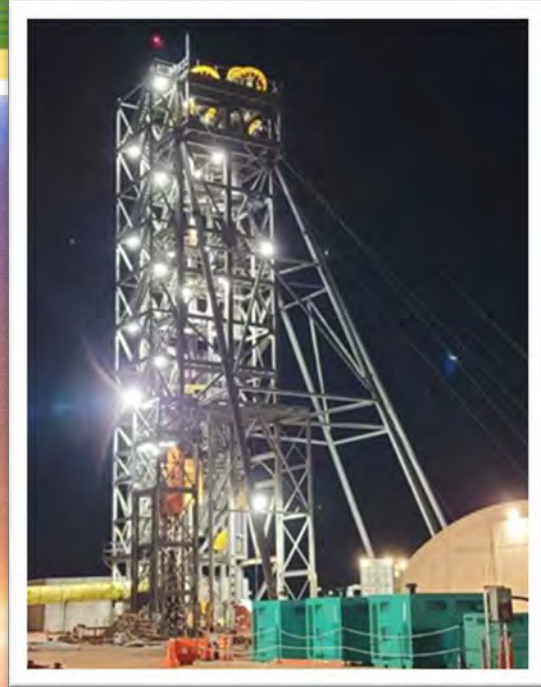


Safety Significant Confinement Ventilation System

- To provide higher-capacity air intake for the underground in conjunction with the SSCVS system
 - Shaft sinking to 2,275ft
 - 30-foot diameter shaft
 - (26-feet with liner in place)
- Current depth over 1,740ft



- Begin commissioning of Safety Significant Confinement Ventilation System
- Complete sinking Utility Shaft to repository level
- Complete 400 TRU waste shipments, while ensuring no backlog at Los Alamos
- Permit modification request

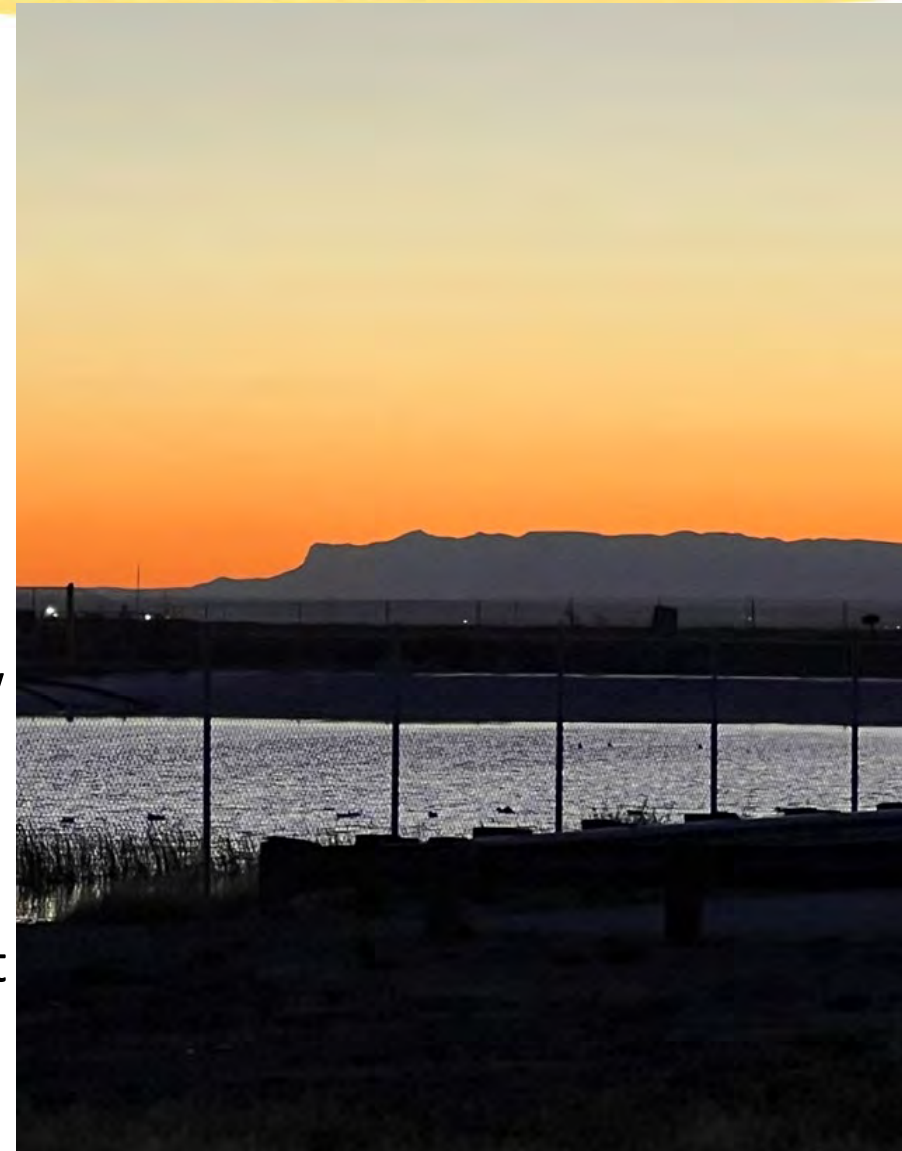


- Total shipments received: **13,460**
- Total loaded miles traveled: **16,074,144**
- Total contact-handled waste containers emplaced: **271,516**
- Total remote-handled waste canisters emplaced: **775**
 - Shielded containers emplaced: **56**
- DOE Cleanup sites closed: **22**

As of 05/15/2023



- DOE is in the process of updating Order 435.1, Radioactive Waste Management.
- The goal of the update is to:
 - Clarify language regarding the types of materials or items that can be considered radioactive waste
 - Incorporate DOE's interpretation of the statutory term HLW, as defined in the Atomic Energy Act and Nuclear Waste Policy Act and consistent with the Supplemental Notice, 84 FR 26835; June 10, 2019
 - Maintain the distinction in management requirements between low-level waste, transuranic waste and high-level waste
 - Eliminate the existing Guide and Manual and replace them with a new and easier to follow Guide
- RevCom review expected in Fall of 2023
- Targeting completion in early 2024
- The update will not include management requirements for spent nuclear fuel



- **SEC. 12. BAN ON HIGH-LEVEL RADIOACTIVE WASTE AND SPENT NUCLEAR FUEL.**

The Secretary shall not transport high-level radioactive waste or spent nuclear fuel to WIPP or emplace or dispose of such waste or fuel at WIPP.



Questions?