Southern States Energy Board
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Waste Isolation Pilot Plant

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Nuclear Waste Partnership
Shipments
(as of 10/29/18)

- Total Shipments received (since 1999)
  - 12,324
- Shipments since restart
  - 430
- Averaging 8-10 shipments/week
- Preparing to ship from Argonne National Laboratory
- In the future, get back to RH waste emplacement and continue ramp-up of CH waste shipments
Groundbreaking

- Safety Significant Confinement Ventilation System
- Assistant Secretary for Environmental Management
  - Anne White, June 14, 2018
Why a new Ventilation System

- 2050 current mission timeframe
- Numerous systems original to the facility
- Current air flow is inadequate to support full scale daily operations today & in the future
What are we doing now?

- Obtaining long lead procurement equipment
- Completed grading for the Trailer Complex and Pond for SSCVS
- Evaluating bids for majority of the SSCVS work
- Award construction contract
  - Critical Applications Alliance ($135M)
- Start construction
  - December 2018
- Operational Turnover
  - May 2021
What makes up this project?

- $288M of scope
- New Filter building
  - (55,553 sq ft)
- Salt Reduction Building
  - (24,960 sq ft)
- Fabrication Facility
  - (12,000 sq ft)
- Installation of a trailer complex
- Demolition of existing ventilation system
SSCVS Overview

- 22 - 27,000 CFM Safety Significant HEPA filters
- New Filter Building
- Salt Reduction Building
- 7 Dedusters and Demisters
- Total Airflow – 540,000 CFM
- Existing Exhaust Shaft
- 125 ft. Exhaust Stack
- 2 - 3,000 KW Standby Diesel Generators
- 6 - 1,000 HP Fans
Questions?