WIPP Town Hall Meeting

Sponsored by the U.S. Department of Energy
and the
City of Carlsbad, NM

January 7, 2016

Agenda

- Opening Comments – Mayor Dale Janway
- Meeting Moderator – John Heaton
- Update on CBFO and WIPP – Todd Shrader
- Preparations for Restart – Jim Blankenhorn
- Questions and Answers – John Heaton
  - In house
  - Internet

Update on CBFO and WIPP

Todd Shrader, CBFO Manager

Update on CBFO and WIPP

- NNSA Surplus Plutonium Disposition announcement
  - WIPP is DOE's preferred alternative to dispose of 6.6 tons of surplus non-pit plutonium
  - A Record of Decision has not been issued; a decision has not been made
  - Similar material has already been disposed at WIPP

DOE/EIS-0283-S2
April 2015

Final

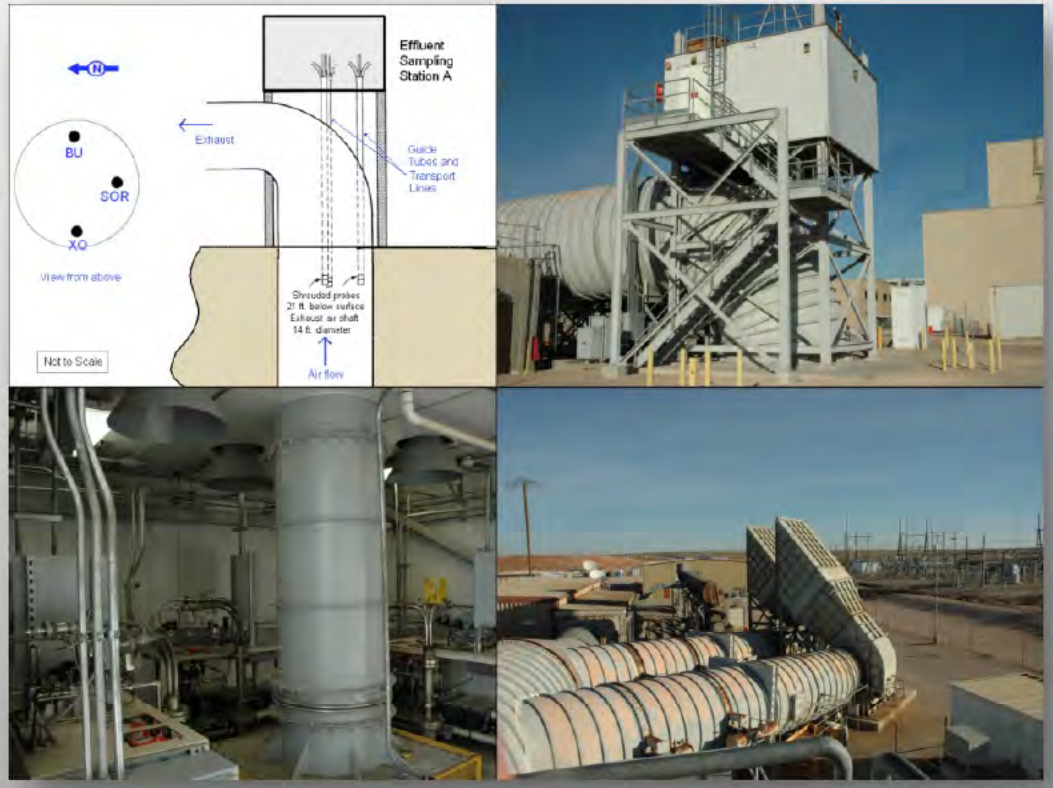
Surplus Plutonium Disposition Supplemental Environmental Impact Statement

Summary

U.S. Department of Energy
Office of Material Management and Minimization
and
Office of Environmental Management
Washington, DC

Update on CBFO and WIPP

- Approval of CD-1 by DOE Headquarters for the Permanent Ventilation System
  - Safety Significant Ventilation System
  - New Exhaust Shaft



Current Ventilation System

Update on CBFO and WIPP

Clarification on Interim/Supplemental Ventilation systems

IVS

- Required to resume waste disposal operations

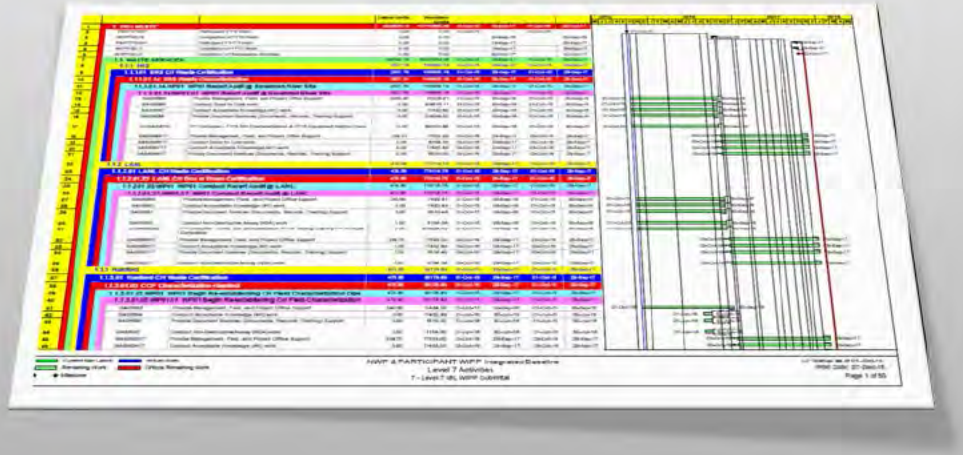
SVS

- Required for mining after waste operations resume

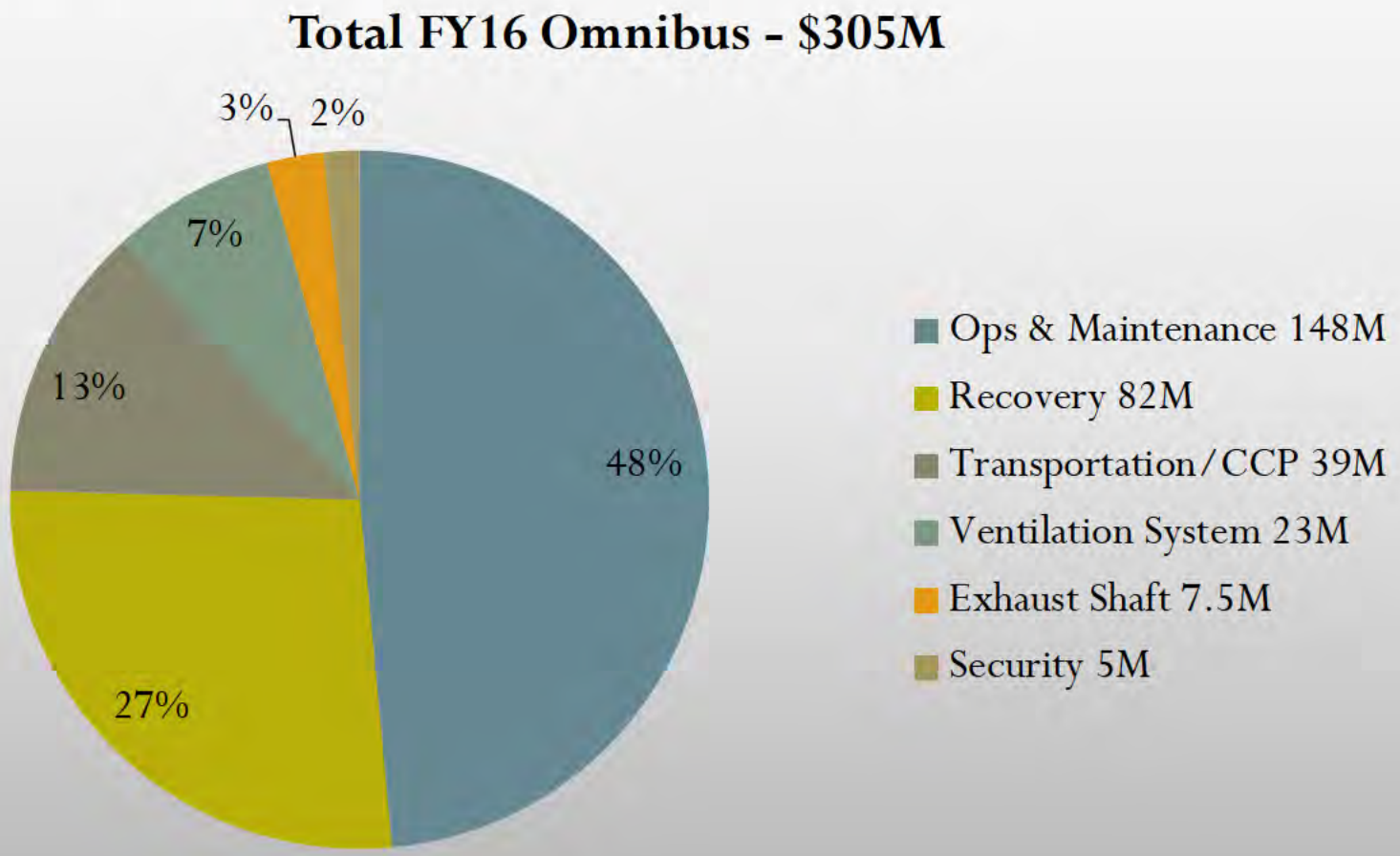
IVS is scheduled to be operational in the March-April timeframe of 2016. Empirical measurements will be used to validate modeling and ensure IVS will provide enough airflow for initial waste operations.

WIPP Performance Measurement Baseline

- New PMB integrates recovery activities with base activities at the site, including capital asset projects.
- Received from the NWP in December; currently under final review
- Workshop scheduled once approved



WIPP Budget Picture



Preparations for Restart

Jim Blankenhorn, NWP Recovery Manager and Deputy Project Manager

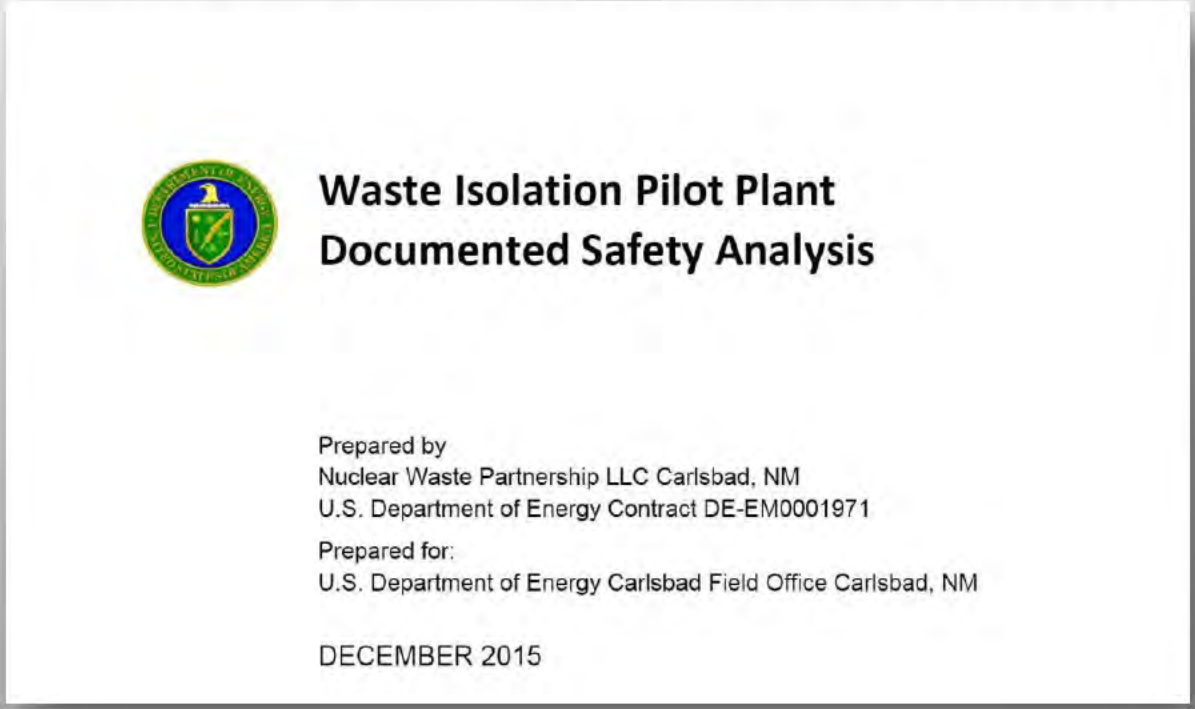
Preparations for restart

- Interim Ventilation System construction status

- Completed installation of 21 ductwork supports
- Installation of ductwork underway
- Stand down initiated in December due to subcontractor safety issues
- Work to resume in early January

Preparations for restart

- Documented Safety Analysis (DSA) submitted to CBFO in mid-December 2015
  - Driver for all Safety Management Programs (SMP)
  - About 120 SMP procedures revised/changed
  - Implementation/training will occur during Cold Operations



Waste Isolation Pilot Plant
Documented Safety Analysis

Prepared by
Nuclear Waste Partnership LLC Carlsbad, NM
U.S. Department of Energy Contract DE-EM0001971

Prepared for:
U.S. Department of Energy Carlsbad Field Office Carlsbad, NM

DECEMBER 2015

Preparations for restart

- AIB Corrective Actions summary

Organization	Corrective Actions	Completed
CBFO		
Fire Event	54	47
Rad Event Phase 1	13	10
Rad Event Phase 2	31	13
Total	**98**	**70**
NWP		
Fire Event	75	68
Rad Event Phase 1	44	39
Rad Event Phase 2	24	14
Total	**143**	**121**

Readiness activities

- Cold Operations

Practice Makes Perfect

- 8 weeks for employees to practice procedures
- Each day will be different
- Regularly drilling to test safety management programs

Readiness activities

- Management Self Assessment

Readiness activities

- Contractor/DOE Operational Readiness Reviews

A performance-based examination of facilities, equipment, personnel and procedures to ensure WIPP will be operated safely within its approved safety envelope.

Questions and Answers