

Progress at WIPP

Presented to Idaho Citizens Advisory Board



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Interim Ventilation System Status

- Instrument calibrations and component testing underway
- Early May, perform Contractor Readiness Assessment
- Interim Ventilation System will:
 - Provide adequate air flow at the waste face – for resumption of limited waste placement; or increase airflow for ground control and maintenance operations



Supplemental Ventilation System

- Operable in 2017
- Will be used during mining operations only



Vehicle and Area Fire Suppression System

- Vehicle Fire Suppression Systems
 - Installed on 2 of 5 vehicles needed for Cold Operations
 - Remaining 3 vehicles being upgraded
- Area Fire Suppression Systems in U/G
 - Equipment mounting brackets installed
 - Installation of suppression equipment in progress



WIPP Underground Notification System

- Allows emergency messages to be sent from the Central Monitoring Room (CMR) to all underground radios
- Allows workers to send an emergency message by radio to the CMR and alerts all workers underground
- Allows the CMR to locate a worker within 50' underground in the case of emergency
- Allows worker to also make routine calls and text message



Safety management programs



- Improved fire systems
- Offsite training agreements
- New state-of-art Emergency Operations Center (EOC)



Ground Control Activities

- Roof bolting
- Bolting activities complete in operationally significant areas
- More than **7,000 bolts** installed, “catch-up” bolting



Cold Operations Readiness

WIPP Documented Safety Analysis (DSA)

- Developed on new DOE Standard 3009-2014
 - Approximately 120 Safety Management Program procedures created or revised
 - Implementation and training required



Cold Operations

Cold Operations Projected to Commence – June 2016

- WIPP crews will process and download empty waste containers using new DSA Rev. 5 controls
- 8 weeks for workers to practice procedures
- Regular drilling to test safety
- Workers will practice transitioning waste containers

From: Clean Environment

To: Radiological Contained area and
Waste Emplacement (waste face)

Operational Readiness Reviews

Contractor Operational Readiness Review (ORR)

DOE Operational Readiness Review to follow

- Performance-based examination of facilities, equipment, personnel and procedures
- Will ensure WIPP will be operated safely – within approved safety envelope



Resuming Waste Emplacement

- DOE ORR – to follow contractor ORR
- Regulator concurrence to resume
- Projected resumption of waste emplacement: Mid-December 2016



Future - 2017

National TRU Program - NTP

- Work with Generator Sites
- Determine Order of Shipping

