

WIPP Nitrate Salt Bearing Waste Container Isolation Plan Implementation Update

March 19, 2015

Panel 6 Initial Closure

Access to Panel 6

a. Rollback

- Contamination Assessment—100% of the underground has been characterized for radiological contamination. Based upon this characterization, the north end of the underground starting at S-1950 with the exception of the E-300 is posted as a controlled area. The E-300 drift north of S-1950, the S-2180 drift, and Panel 7 are posted as high contaminated areas and airborne radioactive areas. In addition, all areas south of S-1950 are posted as contamination areas and airborne radioactivity areas.
- Fixing/Decontamination Activities—Decontamination of equipment in Panel 7, Rooms 5 and 6 is ongoing.

b. Ground Control Status

- Shaft/Hoist—Weekly inspections are being performed for the Air Intake Shaft, Salt, and Waste Hoists.
- Bolting—Bolting is in progress in the S-2750 drift west of W-170 (Panel 6 access drift).

c. Habitability

- Communication Systems—Operability tests have been performed for the underground mine phones and the public address system located in the access drifts to Panel 6.
- Self-Contained Self-Rescuers— Caches have been restocked in the drifts to Panel 6. Habitability activities have been completed in the underground in drifts E-140, W-30, and W-170 to provide access to Panel 6 to support Panel 6 initial closure activities.

WIPP Nitrate Salt Bearing Waste Container Isolation Plan Implementation Update

March 19, 2015

- Eye Wash/First Aid Stations— Inspections in the accessible areas have been completed.

d. Drills, Training, Mockups

- The Underground Response Drill was performed on March 11, 2015.

Equipment/Ventilation/Materials

a. Electrical

- Restoration of electrical switch stations in the underground north of S-1950 drift has been completed.

b. Ventilation

- Air Flow—The underground ventilation system is currently operating in filtration mode using one 860 fan that supplies a nominal flow rate of 60,000 standard cubic feet per minute to the underground.

c. Stage Needed Materials in Underground

- A 10 HP portable fan that will be used to provide localized ventilation for Panel 6 initial closure activities has been installed at W-170/S-2750. A fan is planned to be installed at the W-170/S-3080.
- Bulkheads to be installed as part of initial closure of Panel 6 are currently staged east of the Panel 6 access drift(s).

Document Preparation

a. Work Planning

- Status of work planning documents is being evaluated for work activities required for initial closure of Panel 6.

b. Safety Basis Documents

WIPP Nitrate Salt Bearing Waste Container Isolation Plan Implementation Update

March 19, 2015

- The safety basis document that supports safety basis authorization for Panel 6 initial closure and Panel 7, Room 7 closure has been approved.

Summary - Information Requests/Status

NMED requested a finalized copy of the Waste Isolation Pilot Plant Decontamination Plan.