

# WIPP Nitrate Salt Bearing Waste Container Isolation Plan Implementation Update

March 31, 2015

## Panel 6 Initial Closure

### Access to Panel 6

#### a. Rollback

- Contamination Assessment—100% of the underground has been characterized for radiological contamination.
- Fixing/Decontamination Activities—Maintenance restoration of decontaminated equipment in Panel 7 is currently underway. Decontamination of equipment in Panel 7, Room 7 is ongoing. Both ribs and the floor have been sprayed with water in the E-140 drift from S-1950 to S-2520 and in the S-2520 drift from E-140 to W-170.

#### b. Ground Control Status

- Bolting—Bolting is continuing in W-30 towards the S-3080 drift (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.
- 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 26, 2015.

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## 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.
- The Underground Ventilation System high efficiency pre-filters were changed-out last week.

### 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.
- Preparations are being made to install the bulkhead in the S-2750 side of Panel 6.
- Fabrication of the first set of Panel 7, Room 7 bulkheads has been completed.

## Document Preparation

### a. Work Planning

- Work planning documents have been finalized for work activities required for initial closure of Panel 6.
- Work planning documents for installation of Panel 7, Room 7 bulkheads have been completed.

### b. Safety Basis Documents

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- 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.