

WIPP Nitrate Salt Bearing Waste Container Isolation Plan Implementation Update

April 7, 2015

Access to Panel 6 and Panel 7, Room 7

a. Rollback

- Contamination Assessment—100% of the underground has been characterized for radiological contamination.
- Fixing/Decontamination Activities—Surveys are being performed in the S-1950 transition area following decontamination water wash to determine radiological rollback status. Initial and gross decontamination has been completed on all equipment in Panel 7, Room 7, except two 6-ton diesel forklifts.

b. Ground Control Status

- Bolting—Bolting is continuing in W-30 between the S-2750 and S-3080 drifts (Panel 6 access drifts). Bolting has been completed in the W-30 drift from S-2750 to about S-3050.

c. Habitability

- Communication Systems—This prerequisite has been completed and therefore status updates are no longer required.
- Self-Contained Self-Rescuers— This prerequisite has been completed and therefore status updates are no longer required.
- Eye Wash/First Aid Stations— This prerequisite has been completed and therefore status updates are no longer required.

d. Drills, Training, Mockups

- The Underground Response Drill was performed on March 26, 2015.

Equipment/Ventilation/Materials

a. Electrical

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

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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.
- The initial closures in the S-2750 access drift to Panel 6 are complete (i.e. bulkhead and flashing installed). Fabrication of the Panel 7, Room 7 bulkheads is ongoing.

Document Preparation

a. Work Planning

- Work planning documents have been finalized for the 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

- 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. The work order for decontamination was provided to the NMED.