

# WIPP Nitrate Salt Bearing Waste Container Isolation Plan Implementation Update

April 14, 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. Gross decontamination has been completed on equipment in Panel 7, and maintenance restoration is underway. This includes nine forklifts, two CH waste transporters, a bolter, a man lift, and two load haul dump trucks.

### b. Ground Control Status

- Bolting—Bolting is complete in W-30 between the S-2750 and S-3080 drifts (Panel 6 access drifts). Bolting is ongoing in the S-3080 west of W-30.

### 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 April 3, 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 closure in the S-2750 access drift to Panel 6 is 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 fabrication 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**

None to date.