

# WIPP Nitrate Salt Bearing Waste Container Isolation Plan Implementation Update

April 21, 2015

## Panel 6 and Panel 7, Room 7

### a. Rollback

- Contamination Assessment— This prerequisite is complete and therefore status updates are no longer required.
- Fixing/Decontamination Activities—Gross decontamination has been completed on equipment in Panel 7 and maintenance restoration on the equipment is underway. This includes nine forklifts, two CH waste transporters, bolter, man lift, and two load haul dump trucks. Decontaminated equipment has been removed from Room 7 of Panel 7 to prepare for Room 7 closure activities. Water spraying is being performed in the S-2520 drift in Panel 7.

### b. Ground Control Status

- Bolting—Bolting is complete in the S-3080 drift from W-30 to the Panel closure location.

### c. Habitability

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

### d. Drills, Training, Mockups

- The Underground Response Drill was performed on April 20, 2015.

## Equipment/Ventilation/Materials

### a. Electrical

- Restoration of electrical switch stations in the underground, north of S-1950 drift, is complete.

# **WIPP Nitrate Salt Bearing Waste Container Isolation Plan Implementation Update**

**April 21, 2015**

## **b. Ventilation**

- Air Flow—The underground ventilation system is 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 second 10 HP fan and vent line has been installed at W-170/S-3080 to provide ventilation in the S-3080/Panel 6 closure work area.
- The initial closure in the S-2750 access drift to Panel 6 is complete (i.e. bulkhead and flashing installed).
- Work for the initial closure activities in Panel 6, S-3080 drift is expected to begin this week.
- Fabrication of the Panel 7, Room 7 intake (S-2520) bulkhead is complete. Fabrication of the exhaust (S-2180) bulkhead continues.

## **Document Preparation**

### **a. Work Planning**

- Work planning documents are completed for the work activities required for initial closure of Panel 6.
- Work planning documents for installation of Panel 7, Room 7 bulkheads is approved.

### **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 pending