

# WIPP Nitrate Salt Bearing Waste Container Isolation Plan Implementation Update

April 23, 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—Decontaminated equipment has been removed from Room 7 of Panel 7 to prepare for Room 7 initial closure activities. Water spraying is being performed in the S-2520 and S-2180 drifts of 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 the S-1950 drift, is complete.

### **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.

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## **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. This fan is now operational and available for use.
- The initial closure in the S-2750 access drift to Panel 6 is complete (i.e. bulkhead and flashing installed).
- Preparations to begin the initial closure activities in Panel 6, S-3080 drift are underway.
- Fabrication of the Panel 7, Room 7 intake (S-2520) bulkhead is complete. Fabrication of the exhaust (S-2180) bulkhead continues. The bulkhead for the S-2520 closure is being staged for installation.
- Preparations to begin initial closure activities in Panel 7, S-2520 are underway.

## **Document Preparation**

### **a. Work Planning**

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