

# WIPP Nitrate Salt Bearing Waste Container Isolation Plan Implementation Update

May 12, 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 closure activities. Remaining items in Panel 7, Room 7 include thirteen empty magnesium oxide racks, about 200 roof bolts, nine messenger cable bundles, and one metal halide lamp and light. Water spraying is complete in the S-2520 and S-2180 drifts of Panel 7. Additional spraying will be performed in these drifts after initial room closure. Water spraying is continuing to be performed on the ribs, floor and ceiling of rooms 1 through 6 of Panel 7.

### **b. Ground Control Status**

- This prerequisite is complete and therefore status updates are no longer required.

### **c. Habitability**

- This prerequisite is complete and therefore status updates are no longer required.

### **d. Drills, Training, Mockups**

- A Surface Response Drill was performed on May 5, 2015.

## **Equipment/Ventilation/Materials**

### **a. Electrical**

- Restoration of electrical switch stations in the underground, north of 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.

### **c. Stage Needed Materials in Underground/Closure Installation Progress**

- The expedited closure of Panel 6 with the initial closures described in Sections

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3.2.2 and 3.3.2 of the Waste Isolation Pilot Plant Nitrate Salt Bearing Waste Container Isolation Plan, Revision 1 is complete.

- Fabrication of the Panel 7, Room 7 intake (S-2520) and exhaust (S-2180) bulkheads are complete.
- Chain link and brattice cloth have been dropped and anchored to begin initial closure activities in S-2520 (Room 7 of Panel 7). The bulkhead for the S-2520 drift room closure is installed and flashing is being installed.
- The ventilation slider on the exhaust (S-2180) side of Panel 7, Room 7 is closed.

## **Document Preparation**

### **a. Work Planning**

- 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 is approved.

## **Summary - Information Requests/Status**

None Pending