

WIPP Nitrate Salt Bearing Waste Container Isolation Plan Implementation Update

May 7, 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 is now being sprayed 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 April 24, 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 initial closure in the S-2750 access drift to Panel 6 is complete (i.e.

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bulkhead and flashing installed).

- Construction of the substantial barrier in Panel 6, S-3080 drift is complete. Construction of the S-3080 closure bulkhead is complete. Radiological monitoring equipment is installed and operating at W-170, S-2750 and W-170, S-3080 for Panel 6.
- 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 closure is staged for installation.
- The ventilation slider on the exhaust (S-2180) side of Panel 7, Room 7 is closed.

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 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