

WIPP Nitrate Salt Bearing Waste Container Isolation Plan Implementation Update

April 28, 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. Water spraying is complete in the S-2520 and S-2180 drifts of Panel 7.

b. Ground Control Status

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

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 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.

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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 portable 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).
- Construction of the substantial barrier in Panel 6, S-3080 drift has begun.
- Fabrication of the Panel 7, Room 7 intake (S-2520) and exhaust (S-2180) bulkheads is complete. The bulkhead for the S-2520 closure is staged for installation.
- Chain link and brattice cloth have been dropped and anchored to begin initial closure activities in Panel 7, S-2520.

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