

DEFENSE NUCLEAR FACILITIES SAFETY BOARD

September 2, 2016

TO: S. A. Stokes, Technical Director
FROM: P. Fox and D. Gutowski Hanford Site Representatives
SUBJECT: Hanford Activity Report for the Week Ending September 2, 2016

DNFSB Staff Activity. Staff members held a call with ORP personnel to discuss the staff's review of confinement systems in the Low Activity Waste Facility.

Plutonium Finishing Plant. The contractor performed an Apparent Cause Analysis to identify additional actions to prevent worker exposure to hazardous energy when cutting wires in panels being isolated to support deactivation work (see Activity Report 8/19/2016). The analysis was thorough and identified work process changes that would prevent future occurrences. The contractor is evaluating actions necessary to implement the work process changes.

The contractor readiness assessment that is in progress (see Activity Report 8/26/2016) to support demolition of the Plutonium Reclamation Facility has been extended one week.

Waste Encapsulation and Storage Facility. The construction crew completed construction acceptance testing of replacement ventilation equipment and completed the tie in to the K3 ventilation system.

The contractor issued a plan to recover from a recent contaminated grout spill that occurred while grouting the original K3 filter pit (see Activity Report 8/26/2016). The plan cleans up the contaminated grout, removes and replaces contaminated soil, establishes improved controls to prevent contamination spread, and then completes the filter pit grout activity.

REDOX Plant. A Hazard Review Board approved a work package to remove bags installed to catch material from leaking pipes in the REDOX Plant (see Activity Report 12/12/2014). Once the bags are removed, the contractor will determine a method to contain any continued leakage.

Tank Farms. ORP approved the safety basis amendment modifying ignition controls (see Activity Report 3/25/2016). The contractor's Plant Review Committee approved the safety basis amendment for in-pit heaters (see Activity Report 7/1/2016).

222-S Laboratory. The 11A Hot Cells are back in service in an interim configuration following completion of HEPA filter testing and cell flow testing (see Activity Report 8/12/2016).

ORP performed an audit of the Analytical Services Contractor's Quality Assurance program (QAP). They concluded that the program was adequate, but had three preliminary findings including one noting that independent assessments of several QAP elements had not been performed within the required three year period.

River Corridor Closure. The River Corridor Contractor's contract came to an end and remaining scope including the 618-10 Burial Grounds and Environmental Restoration and Disposal Facility has been transferred to the Central Plateau Contractor. Building 324 was transitioned earlier this year.