

DEFENSE NUCLEAR FACILITIES SAFETY BOARD

May 29, 2020

TO: Christopher J. Roscetti, Technical Director
FROM: B. Caleca and P. Fox, Hanford Resident Inspectors
SUBJECT: Hanford Activity Report for the Week Ending May 29, 2020

Hanford Site: DOE and contractor management continue to follow federal and state guidance to reduce the transmission of the novel coronavirus disease (COVID-19) (see 5/22/2020 report). Partial stop work orders that were initially issued to the contractors in March (see 3/20/2020 and 4/24/2020 reports) have been extended through June 22 unless rescinded earlier.

Site contractors commenced phase 1 remobilization from their previous essential mission critical operations status. Phase 1 efforts are focused on high priority and/or low-risk work scope such as construction, medical evaluations, and training. Resumed activities included road preparation and paving at the Waste Treatment Plant site, radiological worker, hazardous waste worker, and respiratory equipment training resumption for essential personnel at the Volpentest Hazardous Materials Management and Emergency Response Federal Training Center, and high priority shipment of excess contaminated long-length equipment from the tank farms to the Environmental Remediation Disposal Facility (see 5/22/2020 report). Returning workers received detailed back to work briefings that emphasized the hazard controls that are in place to prevent the spread of COVID-19 within the workforce. Additional phase 1 resumption activities will be added next week resulting in further increase of onsite field work staffing. The site will remain in phase 1, with most non-field work personnel teleworking, until conditions are met to support entry into the next phase. These conditions include effectiveness of controls at the site, disease progression within the community, community healthcare system capacity, and the robustness of the supply chain to deliver necessary personal protective equipment and cleaning supplies to support activities with higher radiological, chemical, or health risk.

Tank Farms: DOE previously awarded the Tank Closure Contract to Hanford Works Restoration, LLC (see 5/15/2020 report). This week, two competing contractor teams filed award protests with the U. S. Government Accountability Office. The protests are expected to be resolved before September 4, 2020.

242-A Evaporator: Contractor personnel held a virtual Plant Health Committee (PHC) meeting to discuss a number of issues, with a focus on critical spares at the facility. Presently, contractor personnel are working to develop a critical spares program that tracks item availability, whether parts are in stock, and funding for acquiring additional spares. Participants were engaged and discussed planned outages and coordination with other contractor facilities facing similar critical spares issues.

Central Waste Complex (CWC): RL field office personnel completed an assessment of the current safety basis for the Solid Waste Operations Complex (SWOC) which includes the CWC facilities for storing transuranic waste. Their assessment identified deviations from guidance presented in DOE-STD-5506, *Preparation of Safety Basis Documents for Transuranic Waste Facilities*. The contractor has entered the new information process to determine whether a Potential Inadequacy of the Safety Analysis exists.