

## DEFENSE NUCLEAR FACILITIES SAFETY BOARD

November 2, 2018

**TO:** Christopher J. Roscetti, Technical Director  
**FROM:** Daniel B. Bullen, Ph.D., P.E., Cognizant Engineer  
**SUBJECT:** Lawrence Livermore National Laboratory (LLNL) Report for October 2018

**Defense Nuclear Facilities Safety Board (Board) Staff Activity:** The Board's staff provided zero person-weeks of on-site safety oversight at LLNL during October 2018.

**Nuclear Maintenance Management Program Assessment:** On October 4, 2018, the Livermore Field Office (LFO) Assistant Manager for Operations approved a LLNL request to delay completion of the Nuclear Management Program Joint Functional Area Manager/Line Management Assessment. This assessment is required by Department of Energy (DOE) Order 433.1B, *Maintenance Management Program for DOE Nuclear Facilities*. LFO approved moving the required assessment to the second quarter of fiscal year (FY) 2019 to allow for the assessment of the newly implemented Enterprise Assessment Management System.

**First Quarter FY 2019 Start-Up Notification Report:** On October 4, 2018, LLNL submitted the first quarter FY 2019 LLNL Startup/Restart Notification Report (SNR) to LFO for approval. This submittal is required by DOE Order 425.1D, *Verification of Readiness to Start Up or Restart Nuclear Facilities*. A new activity, Transuranic Package Transporter Model 2 (TRUPACT-II) Loading, was added to the report. The startup notification report included two activities that are scheduled to occur during FY 2019:

Activity	Proposed Contractor Readiness Assessment	Proposed Federal Readiness Assessment	Projected Startup
Transuranic Waste Characterization (Hazard Category 2 Activity)	January 2019	March 2019	May 20, 2019
TRUPACT-II Loading	June 2019	July 2019	September 1, 2019

**Periodic Issue Report (PIR):** On October 18, 2018, LFO transmitted the PIR to LLNL. This report summarizes the strengths, deficiencies, and observations identified during assessments conducted by LFO. Seven issues (two deficiencies and five observations) were identified for the Tritium Facility (Building 331) and the Plutonium Facility (Building 332). The deficiencies were Master Equipment List/Component Labeling items. These issues were entered into the LLNL Issues Tracking System (ITS).

**Building 239 - Radiography Facility:** LLNL completed the Implementation Verification Review (IVR) for the recently implemented Documented Safety Analyses (DSA) and Technical Safety Requirements (TSR) 2017 Update. The IVR identified two minor training related observations.

