

DEFENSE NUCLEAR FACILITIES SAFETY BOARD

May 5, 2017

TO: Steven A. Stokes, Technical Director
FROM: Daniel B. Bullen, Cognizant Engineer
SUBJECT: Lawrence Livermore National Laboratory Report for April 2017

DNFSB Activity: On April 4-6, 2017, Defense Nuclear Facilities Safety Board staff members J. Anderson, C. Berg, D. Bullen, and J. Deplitch were on site to attend the W80 Nuclear Explosive Safety Study (NESS) Weapon System Design Training and Orientation.

Building 239: The Livermore Field Office granted approval of the Request for Authorization for Limited Radiography Operation in Building 239 on April 11, 2017. The approved page changes to the documented safety analysis set an appropriate separation distance between the specimens undergoing radiography and potential combustible materials; set an acceptable maximum combustible material loading limit averaged over the Building 239 facility; and require an hourly fire watch when the material undergoing radiography is out of the ISM safe. Further details about the technical bases developed to support this request can be found in the July 2016, August 2016, and December 2016, cognizant engineer's reports.

FY 2017 Third Quarter Startup Notification Report: On April 12, 2017, LLNL submitted its Startup Notification Report (SNR) for the third quarter of FY-2017. This report was submitted to comply with Department of Energy Order 425.1D, *Verification of Readiness to Start Up or Restart Nuclear Facilities*, and to update the information from the previous SNR submittal in January 2017. There are no readiness reviews planned for the next twelve months at Lawrence Livermore National Laboratory.