

DEFENSE NUCLEAR FACILITIES SAFETY BOARD

June 2, 2017

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

Training Implementation Matrix (TIM) Approval Requests: On May 4, 2017, Lawrence Livermore National Laboratory (LLNL) submitted to the Livermore Field Office (LFO) requests for approval of the two TIM documents listed below.

- *Training Implementation Matrix for Radioactive and Hazardous Waste Management*
- *Integrated Training Implementation Matrix for Superblock Nuclear Facilities*

The first document updates how key personnel affected by changes to the Waste Storage Facility Documented Safety Analysis (DSA) will be identified and updated on those changes. This revised document also provides an update of contractor requirements showing more detailed compliance with DOE Order 462.2, *Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities*. The second document consolidates the previous four Superblock TIMs (Building 239, Building 331, Building 332, and Building 334) into one Superblock TIM, as allowed under DOE Order 462.2. This consolidation removes redundancies between the prior four Superblock TIMs and lowers the Superblock administrative burden associated with maintaining multiple TIM documents.

Building 331: LFO completed its review of the Building 331 DSA and Technical Safety Requirements (TSR) Annual Update on May 9, 2017. LFO approved the Annual Update and noted that the revised Building 331 DSA and TSR documents are sufficient and appropriate to serve as the basis for safe operation of the Building 331 Tritium Facility.

Building 332: On May 16, 2017, LLNL submitted the 2017 safety basis update of the DSA and TSRs for Building 332 (Plutonium Facility) to LFO for approval. This revision to the DSA includes a revised hazard analysis with associated flow-down through accident analysis and TSR derivation.