

DEFENSE NUCLEAR FACILITIES SAFETY BOARD

September 8, 2006

MEMORANDUM FOR: J. K. Fortenberry, Technical Director
FROM: M. J. Merritt, DNFSB Site Representative
SUBJECT: Lawrence Livermore National Laboratory (LLNL)
Report for Week Ending September 8, 2006

Configuration Management: On August 30, 2006, LLNL provided the Livermore Site Office (LSO) with an updated status of commitments to implement configuration management of vital safety systems in LLNL nuclear facilities. In a July 14, 2006 letter, LSO directed LLNL to provide a formal status on progress made to date in implementing the configuration management activities in Nuclear Materials Technology Program (NMTP) facilities. A letter to the Board from the Administrator of the National Nuclear Security Administration, dated October 26, 2005, provided a resource loaded schedule for implementing a configuration management program for vital safety systems at LLNL's defense nuclear facilities. Based on changes in resource allocation and the coincident implementation of both the configuration management program and the new documented safety analysis (DSA) for the Plutonium Facility, NMTP management committed to re-baselining the schedule.

In its update, LLNL indicated that some changes in implementation strategy are necessary to achieve efficient implementation of the configuration management program. The re-baselined schedule indicates that not all documents identified in the original schedule will be input into the Enterprise Configuration Management System (ECMS). For example, Operational Safety Plans (OSPs) will not be input to ECMS. The updated schedule is organized by facility safety systems as defined in the DSA for each NMTP facility. The implementation of configuration management for each system has been integrated into the DSA implementation plan milestones for the Plutonium Facility.

Plutonium Facility Resumption Status: The standup of work stations (see weekly report dated December 9, 2005) in the Plutonium Facility is nearly complete. The work stations in the various laboratory rooms have been restarted following the protocol documented in the *Process for Standing-Up Workstations to Limited Operations* (PU05-048, dated September 9, 2005). By the end of September all the work stations needed to support programmatic operations are expected to be in operation or in trial operational periods. The work stations are controlled by OSPs that are unique to the work station(s).

A few work stations will not be restarted during this resumption campaign - since they have been designated as "no immediate programmatic need." Resumption of these work stations will follow the same protocols mentioned and will be administered using the work permit process. Initial startup of new work stations will be achieved using the LLNL readiness assessment process in accordance with DOE Order 425.1C, *Startup and Restart Of Nuclear Facilities*.

LSO Senior Nuclear Safety Advisor: NNSA completed its review of a second set of candidates in an effort to fill a Senior Nuclear Safety Advisor vacancy at LSO. The position was originally posted in May, and re-posted in July. However, no selection was made to fill the vacancy. The path forward on filling this position has not yet been defined by NNSA.