

DEFENSE NUCLEAR FACILITIES SAFETY BOARD

April 15, 2011

MEMORANDUM FOR: Timothy Dwyer, Technical Director
FROM: Jonathan Plaue, DNFSB Site Representative
SUBJECT: LLNL Activity Report for Week Ending April 15, 2011

Work Planning and Control: On April 11, 2011, representatives from the Livermore Site Office (LSO) met with personnel from the Nuclear Materials Technology Program (NMTP) to discuss implementation of the revised *NMTP Work Planning and Control Manual* (WPCM). Revision and implementation of the WPCM was a primary corrective action taken in response to the letter from the Board dated June 14, 2010. LSO provided comments on the revised WPCM, some of which were incorporated in the version released today (see weekly report dated March 11, 2011). NMTP will utilize a communications plan to promote dialog on the changes throughout the work force in Superblock and Radioactive and Hazardous Waste Management. NMTP also plans to develop two levels of training for the revised WPCM: (1) a general course for all employees and (2) a higher level of training for responsible individuals and direct participants in the work planning review process. Completion of the training is scheduled for July 31, 2011.

NMTP also reported on the status of improvements underway to Operational Safety Plans (OSPs). Approximately 37 of the 65 OSPs have been revised to include a task-based hazard and control table. NMTP committed to LSO, and is on track, to complete the task tables for all OSPs by December 2011. LSO recently reviewed a sampling of newly revised OSPs and found significant variation in the quality of the documents. LSO further commented on the version of the *NMTP OSP Development and Implementation Guide* used for the revision of the OSPs and suggested the need to strengthen the document. NMTP has elected to complete the revision of all OSPs with the existing version of the OSP guide before the guide is revised later this fall. As a continued compensatory action, NMTP will maintain the requirement for daily work team meetings. No formal documented expectations for the conduct of these meetings currently exist; however, institutional guidance on plan of the day meetings is expected in early May 2011.

Quality Assurance: LSO issued two letters to the contractor dated April 4, 2011, related to improvements in quality assurance. The first letter directed the contractor to provide within 30 days a formalized plan and prioritized schedule for development of the quality implementing procedures (QIPs) necessary to support the *Weapons and Complex Integration (WCI) Quality Assurance Plan*. The letter specifically requested the rationale for excluding certain QIPs, a description of the review and approval process for QIPs, plans to train personnel to the QIPs, and information on primary and secondary nuclear design QIPs. The second letter forwarded comments from the NNSA Weapons Quality Division on the *WCI Directorate Quality Assurance Plan for QC-1 Scope Activities*. The contractor was directed to address all of the comments and resubmit the QC-1 quality assurance plan within a year.