

DEFENSE NUCLEAR FACILITIES SAFETY BOARD

June 18, 2010

MEMORANDUM FOR: Timothy Dwyer, Technical Director
FROM: Jonathan Plaue, DNFSB Site Representative
SUBJECT: LLNL Activity Report for Week Ending June 18, 2010

Board Members Winokur, Mansfield, Bader, Brown, and Roberson were at the Laboratory this week accompanied by staff members Dwyer, Moury, and Anderson. Briefings to the Board included progress and planned efforts on the following topics:

- Configuration Management
- Livermore Site Office
- Recent Operational Incidents
- Functional Area Managers
- Nuclear Materials Technology Program
- Radioactive and Hazardous Waste Management
- Nuclear Material Programmatic Operations
- Pantex Support
- Requirements Reform
- Emergency Management for Nuclear Facilities
- Nuclear Operations

The Board and staff also walked down the Plutonium Facility and the Tritium Facility.

Radioactive and Hazardous Waste Management: Transuranic (TRU) waste loading and shipping operations commenced this week with the departure of the first two trucks. The trucks will transport the TRU to the Idaho National Laboratory where the drums will undergo certification prior to shipment and disposal at the Waste Isolation Pilot Plant. Overall, the estimated two-week campaign is expected to ship a total of about 200 TRU drums.

Tritium Facility: The Health Physicist completed an analysis of Special Tritium Compounds (STCs) associated with the legacy equipment removal effort (see weekly report dated June 11, 2010). The analysis concluded that while the results of swipe samples indicate the presence of STCs, the contamination levels observed are significantly below the levels necessary to warrant particulate air sampling and respiratory protection.