

DEFENSE NUCLEAR FACILITIES SAFETY BOARD

MEMO TO: Timothy Dwyer, Technical Director
FROM: Tom Spatz, Pantex Site Representatives
SUBJECT: Pantex Plant Report for Week Ending July 6, 2012

Anomalous Unit: This week Pantex received the weapon response for both anomalous units from the design agency. (For further details see reports from 4/27/12, 6/1/12, and 6/29/12.) The Safety Basis organization has issued a positive Unreviewed Safety Question based on this new weapon response. B&W has drafted a Justification for Continued Operation and submitted it to the NNSA Production Office for approved. Process Engineering has drafted a Nuclear Explosive Engineering Procedure to incorporate only the procedure changes needed to disassemble these two units. No tooling modifications were required. The Nuclear Explosive Safety organization is planning to perform a Nuclear Explosive Safety Change Evaluation next week.

Safety Software: As part of the IT Transformation Initiative; B&W Pantex changed operating systems on most applications using Oracle databases on the classified network. The migration to a different operating system affected the databases of several safety-software applications. All owners of migrated Software Quality Level-2 systems executed their test plans to verify there were no issues with the new operating system. The test results were collected by the Software Quality Assurance Program Office for indexing.