

DEFENSE NUCLEAR FACILITIES SAFETY BOARD

October 29, 1999

MEMORANDUM FOR: G. W. Cunningham, Technical Director

FROM: T. Dwyer and H. Waugh, Pantex Site Representatives

SUBJECT: Pantex Plant Activity Report for Week Ending October 29, 1999

DNFSB Activity Summary: H. Waugh was on site all week. T. Dwyer was on leave on Monday, on site Tuesday through Thursday, and in training on Friday.

W62 D&I Program: DOE-AL provided conditional approval of the W62 ABCD on Tuesday. "Pre-start" conditions imposed were: 1] determine the effectiveness of the proposed lightning insulators (i.e., dielectric strap, ceramaseal[®] isolators); 2] validate facility bonding; and 3] clarify/justify (in writing) fire scenario controls. The lone "post-start" condition requires activation of the W62 Cell UV-actuated deluge capability before FY 01. The M&H W62 Management Self Assessment (MSA) finally concluded Friday morning, at which point the contractor RA immediately commenced. Of note, the MSA report specifically discusses the fact that the MSA was conducted on more of a "coaching" level than as a dress-rehearsal for the contractor RA. The RA activity is expected to take at least 7 days, including weekend work.^[II.A]

BIO Upgrade Program: AAO conducted a quarterly review of the M&H BIO Upgrade program this week. The level of thought and detail that went into the new program plans, and especially integration of the overall effort, was poor. AAO will reject the plans. Some details:

- ! Significant discussion occurred when M&H revealed a Lightning Protection BIO Upgrade Program Plan that did not achieve implementation of the control suite until well into next July. AAO appears to be holding fast to their previous decree that M&H have lightning controls implemented by April or all on-site transportation activity will be shut down.
- ! The Transportation BIO Upgrade Module appears to be in a holding pattern. AAO has formally transmitted their comments on the draft document to M&H; the projected date for submission of a revised document was given as "5 to 7 weeks after commencement of Westinghouse Safety Management Systems (WSMS) support to this effort." The latest program schedule shows the associated NESS Master Study commencing in February, but M&H indicated that the date had actually been selected because that was the 1st available window in the DOE-AL NESD schedule, and it was not clear that the Transportation BIO Upgrade effort would actually be in a position to undergo a NESS at that time.
- ! The significance of 1 aspect of the preceding observation requires emphasis: this week, M&H decided to bring WSMS in to support the ongoing HAR/BIO Upgrade efforts.
- ! The final CSSM-to-TSR conversion documentation (Issue B) was delivered to AAO for approval last week. The CSSM-to-TSR MSA is now in progress.
- ! BIO Upgrade work associated with Special Purpose Bays and the Site General Information Document (GID) is not funded in FY '00. BIO Upgrade work associated with Fire Protection and Seismic Upgrades is partially funded in FY '00, although AAO and M&H discussed several work-arounds to continue these programs, especially Fire Protection.^[II.A]