

HSS Independent Activity Report - Rev. 0**Report Number:** HIAR-Y-12-2012-10-02**Site:** Y-12 UPF**Subject:** Office of Enforcement and Oversight's Office of Safety and Emergency Management Evaluations Activity Report for the Defense Nuclear Facilities Safety Board (DNFSB) Public Meeting on the Status of Integration of Safety into the Design of the Uranium Processing Facility (UPF)**Dates of Activity:** October 2, 2012**Report Preparer:** Timothy Mengers**Activity Description/Purpose:**

The Office of Health, Safety and Security (HSS) observed the public hearing of the DNFSB review of the UPF project status for integrating safety into design. The meeting was broken into three parts: a panel discussion and questioning of National Nuclear Security Administration (NNSA) oversight and execution; a panel discussion and questioning of the B&W Y-12 Technical Services, LLC (B&W Y-12) design project team leadership; and an open public comment and question opportunity.

Result:

The most notable statements by the NNSA were: (1) recognition that the oversight process – i.e., the Technical Independent Project Review (TIPR) and Preliminary Safety Design Report (PSDR) reviews – had identified weaknesses in the design sufficiently early to address them before construction started; and (2) articulation of a plan to enhance staffing and expertise for the Federal project team. The DNFSB recognized that there had been recent changes in the NNSA project leadership.

B&W Y-12's most notable statement was that revision 1 of the PSDR had recently been provided to the NNSA for review and approval. The updated PSDR was intended to address many of the open items identified by the review of revision 0 and the TIPR. It would not fully address additional issues resulting from the ongoing study of the footprint and associated modifications, nor would it fully address all issues related to the deferment of scope resulting from the Critical Decision-1 reaffirmation and modified funding profile. B&W Y-12 did note that design and safety analysis would continue to an appropriate point to assure hazards and controls were sufficiently identified to support later implementation of the deferred scope.

HSS Participants**References**

1. Timothy Mengers

2. John Boulden

Were there any items for HSS follow up? Yes No**HSS Follow Up Items**

- HSS will perform an independent review of the Federal project team's PSDR approval process by reviewing selected portions of PSDR revision 1, with a vertical slice concentration on the fire protection hazards analysis and specific fire hazard controls.