

HSS Independent Activity Report - Rev. 0**Report Number:** HIAR PTX-2012-11-08**Site:** Pantex Plant**Subject:** Office of Enforcement and Oversight's Office of Safety and Emergency Management Evaluations Activity Report for Operational Awareness Oversight of the Pantex Plant**Dates of Activity :** 11/05/2012 - 11/08/2012**Report Preparer:** William Macon**Activity Description/Purpose:**

The purpose of this Office of Health, Safety and Security (HSS) activity was to perform an operational awareness site visit to review the status of the Babcock & Wilcox Technical Services Pantex, LLC (B&W Pantex) Documented Safety Analysis Upgrade Initiative (DSAUGI) project and B&W Pantex's response to various fire protection issues, and also to monitor other ongoing site activities.

Result:

1. B&W Pantex Authorization Basis (AB) Department staff briefed the HSS site lead on the current status of the DSAUGI project, which is a complete rewrite of the DSA for consistency and quality. The first upgraded safety analysis report was to have been completed in September, and the NNSA Production Office (NPO) was to have completed its safety evaluation report and then perform an assessment of the B&W Pantex DSA/technical safety requirements process, including the DSAUGI project. However, this project has been delayed again due to emergent plant issues, management changes in the Engineering and AB departments, and the departure of experienced AB staff. The ongoing contract delays for consolidating the Pantex Plant and Y-12 at Oak Ridge have also created some challenges, and DSAUGI has taken a lower priority. Nonetheless, B&W Pantex remains committed to DSAUGI and intends to brief NPO in December on its revised plan and schedule for updating the DSAs.
2. The NPO fire protection system engineer briefed the site lead on the status of ongoing fire protection issues. B&W Pantex is performing a causal factors analysis, due for completion in December, for various fire protection deficiencies that have occurred over the past year. While on site, the site lead observed ongoing work to replace solenoids in the deluge system piping and insulation in fire protection seals. Work on the High Pressure Fire Loop (HPFL) piping replacement has been mostly completed. Future work is planned to replace the Detronics instrumentation and lead-in piping from the HPFL to the bays and cells; this replacement is scheduled to start in fiscal year 2014 and continue for several years. As older Detronics items are removed from facilities, they will be cannibalized for spare parts to keep the other facilities operating until all Detronics items are replaced.
3. The site lead also attended daily integrated plan-of-the-day meetings, performed facility walkdowns with Facility Representatives, and met the B&W Pantex lead to discuss the recent HSS nuclear safety culture survey performed in July. B&W Pantex has formed a 15-person team to recommend specific improvements to address the safety culture issues identified during the survey.

HSS Participants

1 (lead). William Macon

ReferencesWere there any items for HSS follow up? ☒ Yes ☐ No**HSS Follow Up Items**

1. Continue to monitor the DSAUGI project plan and schedule, and shadow the NPO assessment of this project whenever it is scheduled.