

**HSS Independent Activity Report - Rev. 0****Report Number:** HAIR-HANFORD-2013-05-13**Site:** HANFORD - Office of River Protection**Subject:** Office of Enforcement and Oversight's Office of Safety and Emergency Management Evaluations Activity Report for Operational Awareness at the Office of River Protection**Dates of Activity :** 05/13-23/2013**Report Preparer:** Robert. E. Farrell**Activity Description/Purpose:**

The Office of Health, Safety and Security (HSS) Office of Safety and Emergency Management Evaluations (HS-45) Site Lead conducted an operational awareness visit to the Office of River Protection (ORP) to observe contractor efforts to develop a hazards analysis for the Low Activity Waste facility of the Waste Treatment and Immobilization Plant (WTP), tour the WTP construction site, observe ORP's quality assurance audit of the WTP contractor (Bechtel National, Inc.), tour the Hanford Tank Farms, and observe tank waste retrieval operations.

**Result:**

1. Contractor hazards analysis efforts continue, with nuclear safety specialists from ORP and HS-45 providing coverage of the process. The HS-45 Site Lead observed several hazards analysis sessions.
2. The contractor conducted a tour of the WTP, accompanied by the system design engineers, to familiarize the Department of Energy (DOE) nuclear safety specialists monitoring the hazards analysis process with the physical equipment relevant to the analysis. The exchange of information seemed quite helpful. The tour emphasized the Low Activity Waste facility, which is currently undergoing hazards analysis, but other portions of the WTP were toured as well.
3. The HS-45 Site Lead observed the conduct of the ORP quality assurance audit of Bechtel National, Inc. This was a multi-week effort by a large audit team. The HS-45 Site Lead noted that most audit team members were highly experienced, senior level individuals. The audit team, led by the ORP Quality Assurance Team Leader, included ORP quality assurance subject matter experts (SMEs), augmented by several SMEs from DOE Headquarters and other site offices. Team discussion appeared productive in analyzing observations of contractor performance. The issues discussed during team meetings covered the contractor's entire quality assurance program. The results of the audit are still pending final ORP management approval, and the audit report had not been issued as of August 15, 2013.
4. The HS-45 Site Lead observed Tank Farm Plan of the Day meetings and accompanied ORP Facility Representatives observing tank waste retrieval operations at the C Tank Farm. Retrieval operations are activities to transfer hazardous waste contained in the tanks from single shell tanks to double shell tanks.

**References**

1. Robert E. Farrell (HS-45 Site Lead)

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

- Review the report of the ORP quality assurance audit of Bechtel National, Inc. after issuance.