

HSS Independent Activity Report - Rev. 0**Report Number:** HIAR-PORTS-2011-08-03**Site:** Portsmouth Gaseous Diffusion Plant**Subject:** Office of Enforcement and Oversight's Office of Safety and Emergency Management Evaluations Activity Report for the Orientation Visit to the Portsmouth Gaseous Diffusion Plant**Dates of Activity :** 08/01/2011 – 08/03/2011**Report Preparer:** Joseph P. Drago**Activity Description/Purpose:**

The U.S. Department of Energy (DOE) Office of Enforcement and Oversight, within the Office of Health, Safety and Security (HSS), conducted an orientation visit to the DOE Portsmouth Site Office (PORTS) and the Portsmouth/Paducah Project Office (PPPO) in Lexington, Kentucky, from August 1-3, 2011. The purpose of the visit was to discuss the nuclear safety oversight strategy, describe the site lead program, increase HSS personnel's operational awareness of the site's activities, and to determine how HSS can carry out its independent oversight and mission support responsibilities.

Staff from PPPO, PORTS, Fluor-Babcock and Wilcox (B&W) Portsmouth, and B&W Conversion Services provided the newly appointed HSS site lead and the Deputy Director for Oversight with detailed tours of the nuclear facilities. These facilities were: X-333 Process Building, X-342A Feed Vaporization and Fluorine Generation Building, X-344A UF₆ Sampling Building, X-345 Special Nuclear Material Storage Facility, X-744G Bulk Non-Uranium Enrichment Service Activity (UESA) Storage Building and Associated Outside Storage, and the DUF6 Conversion Facility. The tours gave the site lead the opportunity to interact with senior staff and become knowledgeable of current activities and planned operations at each of the facilities.

During the visit, the Deputy Director for Oversight briefed the Portsmouth/Paducah Project Office Manager, Deputy Manager, the Paducah Office Site Lead, PPPO Nuclear Safety Oversight Lead, DUF6 Program Manager, Quality Assurance Lead, Program Analyst and two Facility Representatives on the site lead program. HSS staff also met with the PPPO Emergency Management Technical Support subject matter expert from the Environmental Management Consolidated Business Center.

Result:

The goals of the orientation visit were accomplished. The site lead met key personnel and obtained an operational awareness of the facilities. The site lead has obtained copies of the safety basis documents for the facilities, and has requested additional documentation such as next year's assessment schedule and site tracking systems.

HSS Participants

1 (lead). Thomas Staker

References

1. Documented Safety Analysis (DSA) and Technical Safety Requirements (TSR) for Portsmouth Gaseous Diffusion Plant Category 2 Non-leased Facilities: X-345 Special Nuclear Material Storage Facility; X-744G Bulk Non-UESA Storage Building and Associated Outside Storage; X-705E Oxide Conversion Area; X-326 DOE Material Storage Areas; X-326 L-Cage Facility.
2. Basis for Interim Operation and TSR for the Portsmouth (PORTS) X-326 Process Building, X-330 Process Building, X-333 Process Building, X-342A Feed Vaporization and Fluorine Generation Building, X-343 Feed Vaporization and Sampling Building and X-344A UF₆ Sampling Building (Collectively: PORTS Former Uranium Enrichment Facilities).
3. DSA & TSR DUF6 Conversion Project (HC-3).

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

None