

HSS Independent Activity Report - Rev. 0**Report Number:** HIAR ANL-2012-07-20**Site:** Argonne National
Laboratory**Subject:**Office of Enforcement and Oversight's Office of Safety and Emergency Management
Evaluations (HS-45) Activity Report for Operational Awareness Oversight of the
Argonne National Laboratory Alpha-Gamma Hot Cell Facility**Dates of Activity :** 07/17/2012 – 07/20/2012**Report Preparer:** Joseph P. Drago**Activity Description/Purpose:**

The purpose of this Office of Health, Safety and Security (HSS) activity was to shadow the Argonne Site Office (ASO) Facility Representative (FR) performing a review of the technical safety requirements (TSRs) for the Alpha-Gamma Hot Cell Facility (AGHCF), a hazard category 2 nuclear facility. The ASO review evaluated the flow down of the TSRs into the facility documentation of surveillance procedures, datasheets, and the performance of the surveillance.

Result:

ASO's methodology of selecting a sampling of procedures from the topical areas of radiation safety instrumentation, fire protection, fire suppression, and ventilation was reasonable. ASO's document reviews of the datasheets and observation of the performance of the procedure were appropriate. The ASO FR interacted well with the AGHCF Facility Manager and Assistant Facility Manager. Facility management was knowledgeable of current plant conditions, immediate actions to be taken in the event of out-of-spec conditions, and the status of corrective actions. Discussion of activities during the Plan of the Day meeting was focused. There was good interaction and coordination with support personnel from outside organizations.

The ASO FR was knowledgeable of the facility, the safety basis documentation, and operational status. He conducted the TSR review in accordance with ASO procedure SOP-26, "Facility Representative Program." The ASO review identified no issues related to the flow down and/or implementation of the TSRs. The ASO FR identified a few minor observations in the performance of the surveillance procedures. The ASO review concluded that overall the technicians performed the surveillances in a satisfactory manner.

In 2011, HS-45 conducted a tailored review of the contractor's readiness assessment at the AGHCF focusing on implementation of a new basis for interim operation and TSRs. In the report, *Independent Oversight Review of the Argonne National Laboratory Alpha-Gamma Hot Cell Facility Readiness Assessment (Implementation Verification Review Sections)*, HS-45 identified one finding dealing with the adequacy of the surveillance procedures. During this site visit, HS-45 reviewed the documentation of Argonne National Laboratory's closure of the finding and concluded that the surveillance procedures had been adequately revised. Opportunities for improvement listed in the HS-45 report were evaluated and implemented as appropriate.

The ASO review demonstrated that the AGHCF TSRs were being performed adequately.

HSS Participants

1 (lead). Joseph P. Drago

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

- None