

**HS-64 Site Activity Report - Rev. 0**

Report Number: ARPT-RL-2011-001

**Site:** Richland Operations Office**Subject:** Office of Independent Oversight's Office of Environment, Safety and Health Evaluations Activity Report for the Presentation of Questions Associated With the Safety Analysis Report for Packaging (Onsite) Multi-Canister Overpack Cask**Dates of Activity** 01/10/2011 – 01/14/2011**Report Preparer** William Miller**Activity Description/Purpose:**

The U.S. Department of Energy (DOE) Office of Independent Oversight, within the Office of Health, Safety and Security, during a site visit from January 10-14, 2011, presented the results of a technical review of the *Safety Analysis Report (SAR) for Packaging (Onsite) Multi-Canister Overpack (MCO) Cask* HNF-SD-SARP-017, Rev. 3, to DOE Richland Operations Office (RL) representatives. The presentation was supported by a detailed document that discussed the individual questions.

**Result:**

The review and the resulting questions involved four technical areas:

- The cask's pressure relief design;
- The SAR's analyses of the 10 Code of Federal Regulations 71-required hypothetical fire accident event;
- The consequences element of the SAR and Safety Evaluation Report risk assessment; and
- Review of the assumption in the analyses of the potential worker radiation exposures associated with the decision to leak test or not to leak test the cask for each closure.

RL committed to review and consider these questions.

**HSS Participants****References**

1. William Miller

2. Donald Prevatte

Were there any items for HSS follow up?  Yes  No

**HSS Follow Up Items**

1. Review with DOE-RL the final disposition of the questions concerning the SAR for Packaging MCO Cask.