

HS-64 Site Activity Report - Rev. 0

Report Number: ARPT-NNSS-2011-001

Site: Nevada National Security Site**Subject:** Office of Independent Oversight's Office of Environment, Safety and Health Evaluations Activity Report for the Defense Nuclear Facilities Safety Board Review at the Nevada National Security Site**Dates of Activity** 02/14/2011 – 02/17/2011**Report Preparer** William Macon**Activity Description/Purpose:**

The U.S. Department of Energy Office of Independent Oversight, within the Office of Health, Safety and Security (HSS), visited the Nevada Site Office (NSO) and the Nevada National Security Site (NNSS) from February 14-17, 2011. The purpose of the visit was to observe the Defense Nuclear Facilities Safety Board (DNFSB) review and maintain operational awareness of NNSS activities.

Result:

HSS personnel observed the DNFSB review at NNSS, which consisted of meetings at the Site Office and a tour of selected facilities at NNSS. The agenda for the meetings included discussions of the Criticality Experiments Facility (CEF) project, Device Assembly Facility (DAF), Nevada Enterprise Governance, and NSO oversight.

Board members and their staff were briefed on the status of CEF startup preparations and closure of the pre-start findings from the NNSA Operational Readiness Review conducted in July 2010. Corrective actions for the pre-start findings were expected to be completed and closure packages submitted to NSO by the end of February. NSO validation of closure was scheduled for early March. The response to a DNFSB letter issued in August 2010 and the site's response were also discussed.

The Board also received a briefing on the status of activities at DAF. Topics included the status of activities to implement necessary improvements to the fire suppression system, preparations for nuclear explosive operations, update of the seismic analysis, and resolution of issues related to testing of the exhaust ventilation high efficiency particulate air filters.

The Board members and staff toured CEF, DAF, and the Joint Actinide Shock Physics Experimental Research (JASPER) facility. Additional discussions of subcritical experiments and status of JASPER restart activities were conducted during the bus ride to and from the site.

Finally, the Board received presentations on the NSO governance model, Contractor Assurance System, and Federal oversight of the Contractor Assurance System. The discussions centered on the methods by which NSO provides (or will provide) oversight under the governance model and the level of independence in the Department of Energy assessments.

During the visit, HSS personnel also discussed with site office personnel their preparations for the upcoming biennial review by the Office of the Chief of Defense Nuclear Safety and received a briefing by National Security Technologies, LLC personnel on actions to improve the scheduling and performance of Technical Safety Requirements surveillances at the site.

HSS Participants**References**

1. William Macon

2. David Odland

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