

<b>IEA Independent Activity Report - Rev. 0</b>		<b>Report Number:</b> IAR NNSS-2014-05-05	
<b>Site:</b> Nevada National Security Site (NNSS)		<b>Subject:</b> Office of Environment, Safety and Health Assessments' (EA-30) Office of Nuclear Safety and Environmental Assessments Activity Report for the Operational Awareness Oversight Visit of the Nevada National Security Site	
<b>Dates of Activity:</b>	05/05/2014 - 05/07/2014	<b>Report Preparer:</b>	William Macon
<b>Activity Description/Purpose:</b> The Office of Independent Enterprise Assessments (IEA), Office of Nuclear Safety and Environmental Assessments (Independent Oversight) performed an operational awareness site visit to observe NNSS Field Office presentations for the Defense Nuclear Facilities Safety Board (DNFSB) annual visit. The presentations included briefings on current safety management programs and initiatives, as well as tours of the Device Assembly Facility (DAF), National Criticality Experiments Research Center (NCERC), and Joint Actinide Shock Physics Experimental Research (JASPER) facility.			
<b>Result:</b> <ol style="list-style-type: none"> <li>The DAF High Efficiency Particulate Air filter ventilation system modifications are scheduled for completion in fiscal year 2014. The DAF fire suppression system lead-in line replacement project is scheduled to commence in July 2014 and is expected to take several years to complete (depending on funding). Resolution of these two infrastructure issues will significantly enhance nuclear safety at DAF and NCERC.</li> <li>NCERC documented safety analysis (DSA) and instrumentation and control issues have been resolved. Approval of DSA change notice 4 is expected in June 2014. Resolution of these issues (identified by the DNFSB in August 2010) and implementation of new controls scheduled for August 2014 will enhance nuclear safety at NCERC.</li> <li>The U1a Complex has completed an underground safety and health program description and a gap analysis against it. U1a staff is also performing vulnerability analyses against the recent Waste Isolation Pilot Plant accident investigation reports and will integrate additional corrective actions into ongoing fire protection and life safety activities, e.g., installation of additional fire barriers, ventilation system improvements, and refuge station enhancements. Resolution of these infrastructure issues over the next couple of years will significantly enhance worker safety to support an expanded suite of subcritical experiments requested through 2020 and beyond.</li> <li>JASPER has been safely meeting all operational commitments and has one facility modification in progress to install additional diagnostic racks.</li> </ol>			
<b>IEA Participants</b>		<b>References</b>	
1. William Macon (lead)			
<b>Were there any items for IEA follow up?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<b>IEA Follow Up Items:</b> <ol style="list-style-type: none"> <li>Independent Oversight has requested a copy of the completed U1a vulnerability analysis report for review.</li> <li>Independent Oversight has also requested a copy of the draft safety evaluation report for the NCERC DSA for review.</li> </ol>			