

<b>HSS Independent Activity Report - Rev. 0</b>		<b>Report Number:</b> HIAR NNSS-2012-12-03	
<b>Site:</b> Nevada National Security Site		<b>Subject:</b> Office of Enforcement and Oversight's Office of Safety and Emergency Management Evaluations Activity Report for Operational Awareness Oversight of the Nevada National Security Site	
<b>Dates of Activity</b>	12/03/2012 - 12/06/2012	<b>Report Preparer:</b>	William Macon
<b>Activity Description/Purpose:</b> The purpose of this Office of Health, Safety and Security (HSS) activity was to perform an operational awareness site visit to observe Subcritical Experiment (SCE) activities at the U1a Complex, discuss ongoing activities at the National Criticality Experiment Research Center (NCERC), and monitor the status of other ongoing site activities at the Nevada National Security Site (NNSS) operated by National Security Technologies, LLC (NSTec).			
<b>Result:</b> 1. The HSS site lead observed the following activities at U1a related to the GEMINI Pollux SCE: SCE barrier button-up, SCE execution, and SCE post-execution Zero Room reentry, inspection, and radiological survey. All observed activities were adequate and in compliance with site checklists and procedures. An observed noteworthy practice was that NSTec and Los Alamos National Laboratory used a senior supervisory watch (SSW) to provide oversight throughout the SCE activities. The SSW is required for readiness reviews but not for normal operations; however, the uniqueness of the GEMINI activities and having a new test director warranted additional oversight, which ultimately resulted in a very successful SCE detonation and data collection. 2. The site lead observed a meeting in which the Defense Nuclear Facilities Safety Board (DNFSB) staff and site office staff discussed actions taken in response to the Board's August 5, 2010, letter regarding the safety basis and instrumentation and control design for NCERC. The DNFSB staff continues to be concerned about the lack of closure of DNFSB and Criticality Safety Support Group recommendations.			
<b>HSS Participants</b>		<b>References</b>	
1(lead). William Macon		<ul style="list-style-type: none"> <li>JNPO-SCE-CK-008 R. 13, <i>Subcritical Experiments (SCE) Barrier Button-Up Checklist</i></li> <li>JNPO-SCE-CK-020 R. 9, <i>Subcritical Experiments (SCE) Post-Execution Zero Room Reentry, Inspection, and Radiological Survey Checklist</i></li> </ul>	
Were there any items for HSS follow up? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<b>HSS Follow Up Items</b>			
1. Monitor the progress of corrective actions taken by NSTec in response to DNFSB concerns regarding NCERC activities.			