

DEFENSE NUCLEAR FACILITIES SAFETY BOARD

December 2, 2016

TO: Steven A. Stokes, Technical Director
FROM: Austin R. Powers, Cognizant Engineer
SUBJECT: Nevada National Security Site (NNSS) Report for November 2016

DNFSB Staff Activity: The Board's staff did not conduct any on-site activities at NNSS for the month of November.

Device Assembly Facility (DAF) Fire Suppression System (FSS) Improvement Project:

During the month of November, National Security Technologies, LLC (NSTec), continued to make improvements to the FSS in DAF. NSTec construction has completed the construction activities that address the lead-in line issues and sprinkler deficiencies for two new buildings. NSTec facility personnel declared both of these buildings to be operable during the month of November. NSTec construction personnel have also completed the construction activities that address the sprinkler deficiencies for another building separate from the buildings discussed above. However, NSTec construction is still working on the lead-in line for this building (by abandoning the lead-in line and tying the FSS into the inside fire loop). NSTec plans to have the lead-in line replaced and the building operable during the month of December.

NSTec construction is also planning to address the lead-in line and sprinkler deficiencies for two separate buildings during the month of December. NSTec plans to complete the lead-in line replacement work in early December for both of these buildings. The sprinkler deficiencies have already been addressed in one of the buildings, and are currently being addressed for the other building. The NNSS cognizant engineer will continue to follow the progress of the improvements made to the DAF FSS.

Joint Actinide Shock Physics Experiment Research (JASPER): JASPER conducted Surrogate Shot 145 successfully, which returned 100% data. The experiment was executed in a safe manner with no safety issues to report.