SAFEGUARDS EVALUATION REPORT
OFFICE OF NUCLEAR SECURITY AND INCIDENT RESPONSE

General Electric-Hitachi Vallecitos Nuclear Center
6705 Vallecitos Road, Sunol, CA
Docket Number 70-754
License Number SNM-960
TAC L36034

1.0 INTRODUCTION AND BACKGROUND

By letter dated March 21, 2016, General Electric-Hitachi (GEH) submitted a Physical Security Plan (PSP) as part of its application for a license to possess, use, and store special nuclear material (SNM) at the Vallecitos Nuclear Center (VNC) for review and approval by the U.S. Nuclear Regulatory Commission (NRC) in accordance with Title 10 of the *Code of Federal Regulation* (10 CFR) 70.33. The PSP covers reactor facilities licensed under NRC license R-33 and facilities and materials licensed under NRC license SNM-960 and under the State of California license CA-0017-01. This Safeguards Evaluation Report is limited to SNM licensed under SNM-960.

2.0 PURPOSE OF REVIEW

The purpose of this review was to determine that the physical security program met all the requirements in NRC Confirmatory Order EA-14-144, dated April 22, 2015, and provides high assurance that the public health and safety and common defense and security will continue to be adequately protected.

3.0 REGULATORY REQUIREMENTS

NRC Confirmatory Order EA-14-144, dated April 22, 2015

4.0 TECHNICAL EVALUATION

The complete technical evaluation is Safeguards Information and withheld in accordance with 10 CFR 2.390.

5.0 CONCLUSION

The methods and procedures outlined in GEH VNC's PSP, dated March 21, 2016, satisfy the requirements specified in Confirmatory Order EA-14-144. Therefore, NRC staff finds that GEH VNC's PSP, dated March 21, 2016, is acceptable and provides high assurance that the public health and safety and common defense and security is adequately protected.

PRINCIPAL CONTRIBUTORS: Rebecca A. Stone, NSIR/DSP
301-287-9299