N6116: SECURE NETWORK DESIGN

SUNSI Review of Deliverables Intended for Public Release

(in accordance with SECY-04-0191)

This assessment applies to the documents listed below. These documents were produced by Sandia National Laboratories as deliverables for this project.

- NUREG/CR-7117, "Secure Network Design" (deliverable #5)
- Letter Report "Cyber Security Assessment Tools and Methodologies for the Evaluation of Secure Network Design at Nuclear Power Plants — A Letter Report to the NRC," January 27, 2012 (deliverable #6)

These documents have been reviewed against the criteria of SECY-04-0191 and have been found to not contain information that meets the criteria for withholding sensitive homeland security information from the public.

The bases for this assessment are as follows:

1. None of the information presented in any of the deliverables is traceable to any particular nuclear facility or design.
2. All of the information concerning vulnerabilities, including the identification of vulnerabilities, and all information concerning mitigation of vulnerabilities, is drawn from sources that are readily-available to the general public.
3. It might be argued that the consolidation of information into the deliverable documents could make it easier for an adversary to design an intrusion using additional information from other sources: Such consolidation would also benefit system designers and reviewers in finding and assessing vulnerabilities and in assessing mitigation provisions for those vulnerabilities. Because all of the information in these documents is already available to an adversary through other sources, but none of this information can be directly tied to any particular facility or design, the assistance provided to an adversary by these documents is minor. On the other hand, the usefulness of this consolidation to designers and reviewers for specific facilities and designs can be significant.

It is therefore concluded that the information contained in the listed documents does not constitute Sensitive Unclassified Non-Safeguards Information (SUNSI), and is therefore suitable for unrestricted release to the public.