



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I

2100 RENAISSANCE BOULEVARD, SUITE 100  
KING OF PRUSSIA, PENNSYLVANIA 19406-2713

July 19, 2012

Mr. Timothy S. Rausch  
Senior Vice President and Chief Nuclear Officer  
PPL Susquehanna, LLC  
769 Salem Blvd  
Berwick, PA 18603-0467

SUBJECT: SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2 – NRC  
BASELINE SECURITY INSPECTION REPORT 05000387/2012404 AND  
05000388/2012404

Dear Mr. Rausch:

On June 15, 2012, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Susquehanna Steam Electric Station, Units 1 and 2. The inspection covered one or more of the key attributes of the security cornerstone of the NRC's Reactor Oversight Process. The enclosed inspection report documents the inspection results which were discussed on June 15, 2012, with Mr. Jeffrey Helsel, Plant Manager, and other members of your staff.

The inspection examined activities conducted under your licenses as they relate to safety and compliance with the Commission's rules and regulations and with the conditions of your licenses. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel.

Two NRC identified findings of very low security significance (i.e., Green as determined by the Baseline Security Significance Determination Process) were identified during this inspection. The deficiencies were promptly corrected or compensated for, and the plant was in compliance with applicable physical protection and security requirements within the scope of this inspection before the inspectors left the site. The findings were determined to involve violations of NRC requirements. The NRC is treating these violations as non-cited violations (NCVs) consistent with Section 2.3.2 of the NRC Enforcement Policy.

If you contest any NCV in the enclosed report, you should provide a response within 30 days of the date of this inspection report, with the basis for your denial, to the Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington DC 20555-0001; with copies to the Regional Administrator, Region I; the Director, Office of Enforcement, United States Nuclear Regulatory Commission, Washington, DC 20555-0001; and the NRC Resident Inspector at Susquehanna Steam Electric Station, Units 1 and 2.

Enclosure contains Sensitive Unclassified Non-Safeguards Information. When separated from enclosure, the transmittal document is decontrolled.

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T. Rausch

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Two cross-cutting aspects were assigned to the findings in the area of Problem Identification and Resolution and Human Performance because the licensee failed to collect, evaluate, and communicate relevant external operating experience [P.2(a)] and maintain complete and accurate procedures [H.2(c)]. If you disagree with a cross-cutting aspect assignment in this report, you should provide a response within 30 days of the date of this inspection report, with the basis for your disagreement, to the Regional Administrator, Region I and the NRC Resident Inspector at Susquehanna Steam Electric Station, Units 1 and 2.

In accordance with 10 CFR §2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's Agencywide Document Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

However, the material enclosed herewith contains Security-Related Information in accordance with 10 CFR §2.390(d)(1) and its disclosure to unauthorized individuals could present a security vulnerability. Therefore, the material in the enclosure will not be made available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Document Access and Management System (ADAMS). If you choose to provide a response and Security-Related Information is necessary to provide an acceptable response, please mark your entire response "Security-Related Information - Withhold from public disclosure under 10 CFR §2.390" in accordance with 10 CFR §2.390(d)(1) and follow the instructions for withholding in 10 CFR §2.390(b)(1). In accordance with 10 CFR §2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response.

Sincerely,

/RA/

Raymond R. McKinley, Acting Chief  
Plant Support Branch 1  
Division of Reactor Safety

Docket Nos. 50-387, 50-388  
License Nos. NPF-14, NPF-22

Nonpublic Enclosure:  
Inspection Report Nos. 05000387/2012404, 05000388/2012404  
w/Attachment: Supplemental Information (OUO-SRI)

cc w/encl; w/OUO-SRI:  
J. Gorman, Manager, Nuclear Security  
D. Allard, Director, PA DEP

cc w/o enclosure: Distribution via ListServ

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Non-Public Designation Category: MD 3.4 Non-Public A.3

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ADAMS ACCESSION NUMBER: ML12202A064 (Cover letter)

ADAMS ACCESSION NUMBER: ML12202A053 (Cover letter w/enclosure)

Cover Letter: GES <input checked="" type="checkbox"/> SUNSI Review		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available		
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DATE	7/18/12	7/18/12	7/17/12	7/9/12	7/12/12	7/18/12

\* See Previous Concurrence

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