



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

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March 3, 2010

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 - NRC SECURITY INSPECTION
REPORT NOS. 05000387/2010402 AND 05000388/2010402

Dear Mr. Rausch:

On January 29, 2010, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at your Susquehanna Steam Electric Station. 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 January 29, 2010, with Mr. Jeffrey Helsel, Plant Manager, and other members of your staff.

The inspection examined activities conducted under your licenses as they relate to security 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.

Based on the results of this inspection, no findings of significance were identified.

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 the NRC's document system, ADAMS. ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room). However, because of the security-related concerns contained in the enclosure, and in accordance with 10 CFR 2.390, a copy of this letter's enclosure will not be available for public inspection.

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Sincerely,

/RA/

James M. Trapp, Chief
Plant Support Branch 1
Division of Reactor Safety

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

Enclosure: NRC Inspection Report Nos. 05000387/2010402 and 05000388/2010402
w/Attachment: Supplemental Information
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D. Allard, Director, PA DEP
J. Powers, Director, PA Office of Homeland Security

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Sincerely,

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James M. Trapp, Chief
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SUNSI Review Complete: JMT (Reviewer's Initials)

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

ADAMS ACC #ML100621196

DOCUMENT NAME: G:\DRS\Plant Support Branch 1\Security\2010 Draft OUO Inspection Report\Susquehanna\2010 Susq BI Rev 4.doc

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