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UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PENNSYLVANIA 19406-2713

August 14, 2013

Mr. Timothy S. Rausch
Senior Vice President and Chief Nuclear Officer
PPL Susquehanna, LLC
769 Salem Blvd, NUCSB3
Berwick, PA 18603-0467

SUBJECT: SUSQUEHANNA STEAM ELECTRIC STATION UNITS 1 AND 2, TEMPORARY INSTRUCTION 2515/186, "INSPECTION OF PROCEDURES AND PROCESS FOR RESPONDING TO POTENTIAL AIRCRAFT THREATS" INSPECTION REPORT NO. 05000387/2013404 and 05000388/2013404

Dear Mr. Rausch:

On July 17, 2013, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at your Susquehanna Steam Electric Station, Units 1 and 2 using Temporary Instruction 2515/186, "Inspection of Procedures and Processes for Responding to Potential Aircraft Threats." The enclosed inspection report documents the results of the inspection, which were discussed with you and other members of your staff.

The objective of this inspection was to assess the implementation procedures and processes at your Susquehanna Steam Electric Station, Units 1 and 2, that are required by Title 10 of the *Code of Federal Regulations* (10 CFR) 50.54(hh)(1), which provides the requirements for responding to a potential aircraft threat. The results from this inspection, along with the results from this inspection performed at other operating commercial nuclear plants in the United States, will be used to evaluate the U.S. nuclear industry's readiness to safely respond to similar events. These results will also help the NRC to determine if additional regulatory actions are warranted.

The inspection examined activities conducted under your license as they relate to the implementation of 10 CFR 50.54(hh)(1), your compliance with the Commission's rules and regulations, and with the conditions of your operating licenses. Within these areas, the inspection involved examination of selected procedures and representative records, observations of activities, and interviews with personnel.

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

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

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Sincerely,

/RA/

Donald E. Jackson, Chief
Operations Branch
Division of Reactor Safety

Docket No. 50-387, 50-388
License No. NPF-14, NPF-22

Nonpublic Enclosure:
Inspection Reports 05000387/2013404 and
05000388/2013404
w/Attachment: Supplemental Information (OUO-SRI)

cc w/o encl: Distribution via ListServ

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

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