



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

March 18, 2013

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 EMERGENCY
PREPAREDNESS ANNUAL INSPECTION REPORT NOS. 05000387/2012501,
05000388/2012501, 05000387/2012502, AND 05000388/2012502; NRC
SECURITY ANNUAL INSPECTION REPORT NOS. 05000387/2012401 AND
05000388/2012401**

Dear Mr. Rausch:

On December 31, 2012, the U. S. Nuclear Regulatory Commission (NRC) staff completed its annual inspection of the Emergency Preparedness Program at Susquehanna Steam Electric Station. This inspection began on January 1, 2012. Issuance of this letter closes Inspection Reports 05000387/2012501, 05000388/2012501, 05000387/2012502, and 05000388/2012502. Inspection activities charged to these reports include conducting mid-cycle/end of cycle assessment activities, responding to technical questions from resident inspectors or licensee personnel, and resident baseline inspection. Any observations and findings in this area were provided to you via separate correspondence.

On December 31, 2012, the NRC staff also completed its annual inspection of the Security Program at Susquehanna Steam Electric Station. This inspection began on January 1, 2012. Issuance of this letter closes Inspection Reports 05000387/2012401 and 05000388/2012401. Inspection activities charged to these reports include conducting end of cycle assessment activities, following up on Suspicious Incident Database (SID) reports, responding to technical questions from resident inspectors or licensee personnel, and, in some cases, performing traditional enforcement activities. Any observations and findings in this area were provided to you via separate correspondence.

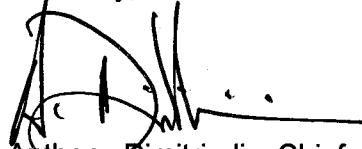
In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's Rules of Practice, a copy of this letter, and your response, if any, will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records

T. Rausch

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System (PARS) component of the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

A handwritten signature in black ink, appearing to read 'Anthony Dimitriadis', with a horizontal line extending to the right.

Anthony Dimitriadis, Chief
Plant Support Branch 1
Division of Reactor Safety

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

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System (PARS) component of the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

Anthony Dimitriadis, Chief
Plant Support Branch 1
Division of Reactor Safety

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

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