



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

March 5, 2018

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

SUBJECT: SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2
BASELINE SECURITY INSPECTION REPORT 05000387/2018410
AND 05000388/2018410

Dear Mr. Rausch:

On February 1, 2018, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Susquehanna Steam Electric Station and discussed the results of the inspection with Mr. Derek Jones, Plant Manager and other members of your staff. The results are documented in the enclosed report.

The NRC's inspectors documented two findings of very low security significance (Green) in this report. These findings did not involve a violation of NRC requirements.

Two cross-cutting aspects were assigned to the findings in the areas of Human Performance. Specifically, Susquehanna failed to stop when faced with uncertain conditions, [H.11], and Susquehanna failed to ensure individuals follow processes, procedures, and work instructions [H.8].

If you disagree with a cross-cutting aspect assignment or a finding not associated with a regulatory requirement 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 U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001; with copies to the Regional Administrator, Region I; and the NRC's resident inspector at Susquehanna Steam Electric Station.

Enclosure(s) transmitted herewith contain(s) Sensitive, Unclassified, Non-Safeguards Information. When separated from the Enclosure(s), the transmittal document is decontrolled.

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T. Rausch

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This letter will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC's Public Document Room in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding."

However, the enclosed report contains Security-Related Information and will not be made publically available in accordance with 10 CFR 2.390(d)(1). If you choose to provide a response that contains Security-Related Information, 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). The NRC is waiving the affidavit requirements for your response in accordance with 10 CFR 2.390(b)(1)(ii).

Sincerely,

/RA/

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

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

Enclosure:
Non-Public Inspection Report 05000387/2018410
and 05000388/2018410 w/Attachment:
Supplemental Information

cc w/o encl: w/o Rpt:
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cc w/encl: w/Rpt.
S. Sarver, Manager, Nuclear Security
D. Allard, Director, PA DEP

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SUBJECT: SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2
 BASELINE SECURITY INSPECTION REPORT 05000387/2018410
 AND 05000388/2018410 DATED MARCH 5, 2018

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