



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION I  
2100 RENAISSANCE BLVD., SUITE 100  
KING OF PRUSSIA, PA 19406-2713

November 17, 2015

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 –  
MATERIAL CONTROL AND ACCOUNTING PROGRAM INSPECTION  
REPORT NO. 05000387/2015405 and 05000388/2015405

Dear Mr. Rausch:

On October 23, 2015, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at your Susquehanna Steam Electric Station, Units 1 and 2. The inspection covered one 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 October 23, 2015, with you and other members of your staff.

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

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

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 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 Agency-wide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Website 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(3)(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 document system (ADAMS), accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html>. If Security-Related Information is

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

~~OFFICIAL USE ONLY – SECURITY RELATED INFORMATION~~

T. Rausch

-2-

necessary to provide an acceptable response, please mark your entire response Security-Related Information 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 responses.

Sincerely,

*/RA/*

Mel Gray, Chief  
Engineering Branch 1  
Division of Reactor Safety

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

Nonpublic Enclosure:  
NRC Inspection Report 05000387/2015405  
and 05000388/2015405  
w/Attachment: Supplemental Information

cc w/o encl; w/o OUO-SRI: Distribution via ListServ

cc w/encl; w/OUO-SRI  
JGorman, Manager, Nuclear Security  
DAllard, Director, PA DEP

~~OFFICIAL USE ONLY – SECURITY RELATED INFORMATION~~

**OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION**

T. Rausch

-2-

necessary to provide an acceptable response, please mark your entire response Security-Related Information 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 responses.

Sincerely,

*/RA/*

Mel Gray, Chief  
Engineering Branch 1  
Division of Reactor Safety

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

Nonpublic Enclosure:  
NRC Inspection Report 05000387/2015405  
and 05000388/2015405  
w/Attachment: Supplemental Information

cc w/o encl; w/o OOU-SRI: Distribution via ListServ

cc w/encl; w/OOU-SRI  
JGorman, Manager, Nuclear Security  
DAIard, Director, PA DEP

DISTRIBUTION:  
See Next Page

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

Document Name: G:\DRS\Engineering Branch 1-- Chaudhary\SUS TEMP FINAL.docx

**ADAMS ACCESSION NUMBER: ML15321A032 (Cover letter)**

**ADAMS ACCESSION NUMBER: ML15321A028 (Cover letter w/enclosure)**

Cover Letter: <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	
Cover Letter w/ Enclosure: <input checked="" type="checkbox"/> SUNSI Review		<input type="checkbox"/> Non-Sensitive <input checked="" type="checkbox"/> Sensitive		<input type="checkbox"/> Publicly Available <input checked="" type="checkbox"/> Non-Publicly Available	
OFFICE	RI/DRS	RI/DRP	RI/DRS		
NAME	SChaudhary	DSchroeder	MGray		
DATE	11/9/15	11/9/15	11/17/15		

OFFICIAL RECORD COPY

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

T. Rausch

-3-

Letter to Mr. Timothy Rausch from Mel Gray

SUBJECT: SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2-MATERIAL  
CONTROL AND ACCOUNTING PROGRAM INSPECTION REPORT NO.  
05000387/2015405 AND 05000388/2015405

Distribution w/o encl; w/o OUO-SRI: (via E-mail)

DDorman, RA (R1ORAMAIL Res)

DLew, DRA (R1ORAMAIL Res)

MScott, DRP (R1DRPMAIL Res)

JColaccino, DRP (R1DRPMAIL Res)

RLorson, DRS (R1DRSMAIL Res)

GSuber, DRS (R1DRSMAIL Res)

DSchroeder, DRP

SBarber, DRP

ATurilin, DRP

PMeier, DRP

JGreives, DRP, SRI

TDaun, DRP, RI

AGould, DRP, AA

JJessie, RI, OEDO

RidsNrrPMSusquehanna Resource

RidsNrrDorLp1-2 Resource

ROPreports Resource

Distribution w/encl; w/OUO-SRI

CJohnson, NSIR

NSimonian, NSIR

EWharton, NSIR

BDesai, DRS, RII

SOrth, DRS, RIII

MHaire, DRS, RIV

DSchroeder, DRP

J. Greives, DRP, SRI

GTuttle, NMSS

PHabighorst, NMSS

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~