



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PENNSYLVANIA 19406-2713

February 11, 2022

Mr. Brad Berryman
Senior Vice President and Chief Nuclear Officer
Susquehanna Nuclear, LLC
769 Salem Blvd., NUCSB3
Berwick, PA 18603

SUBJECT: SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2 – CYBER
SECURITY PROBLEM IDENTIFICATION AND RESOLUTION INSPECTION
REPORT 05000387/2021403 AND 05000388/2021403

Dear Mr. Berryman:

On December 31, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Susquehanna Steam Electric Station, Units 1 and 2. On January 27, 2022, the NRC inspectors discussed the results of this inspection with you and other members of your staff. The results of this inspection are documented in the enclosed report.

One finding of very low security significance (Green) is documented in this report. This finding involved a violation of NRC requirements. We are treating this violation as a non-cited violation (NCV) consistent with Section 2.3.2 of the Enforcement Policy.

If you contest the violation or the significance or severity of the violation documented in this inspection report, you should provide a response within 30 days of the date of this inspection report, with the basis for your denial, to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001; with copies to the Regional Administrator, Region I; the Director, Office of Enforcement; the Director, Office of Nuclear Security and Incident Response; and the NRC Resident Inspector at Susquehanna Steam Electric Station, Units 1 and 2.

The following cross-cutting aspect was assigned to a finding using Inspection Manual Chapter 0310 "Aspects Within Cross Cutting Areas:" [H.7] - Documentation.

If you disagree with a cross-cutting aspect assignment 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; the Director, Office of Nuclear Security and Incident Response; and the NRC Resident Inspector at Susquehanna Steam Electric Station, Units 1 and 2.

Enclosure(s) transmitted herewith contain(s) SUNSI. When separated from enclosure(s), this transmittal document is decontrolled.
--

B. Berryman

2

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

The enclosed report contains Security-Related Information, so the enclosed report will not be made publicly available in accordance with Title 10 of the *Code of Federal Regulations* (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,

Jonathan E. Greives, Chief
Projects Branch 4
Division of Operating Reactor Safety

Docket Nos. 05000387 and 05000388
License Nos. NPF-14 and NPF-22

Enclosure:
As stated

cc w/o encl: Distribution via LISTSERV®

cc w/encl:
K. Lore, Security Operations Supervisor
J. Heitzman, Manager – Nuclear Security
D. Allard, Director, Bureau of Radiation Protection,
PA Department of Environmental Protection

B. Berryman

3

SUBJECT: SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2 – CYBER
SECURITY PROBLEM IDENTIFICATION AND RESOLUTION INSPECTION
REPORT 05000387/2021403 AND 05000388/2021403 DATED FEBRUARY 11,
2022

Distribution w/o encl:

JGreives, DORS
LCasey, DORS
EGarcia, DORS
CHighley, DORS, SRI
MRossi, DORS, RI
DHochmuth, DORS, AA
LHowell, RI OEDO
RidsNrrPMSusquehanna Resource
RidsNrrDorlLp1 Resource

Distribution w/encl:

JBeardsley, NSIR
DarylJohnson, NSIR
EWharton, NSIR
PBraaten, DRS, RII
RSkokowski, DRS, RIII
NTaylor, DRS, RIV
JGreives, DORS
CHighley, DORS, SRI

DOCUMENT NAME: <https://usnrc.sharepoint.com/teams/EngineeringBranch2/Shared Documents/Cyber Security/Cyber PIR samples/Susq 2021/SUS Cyber PIR Sample IR 2021-403 PUBLIC.docx>

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

ADAMS ACCESSION NUMBER: ML22042A066 (Cover letter w/ enclosure(s))

ADAMS ACCESSION NUMBER: ML22042A070 (Cover letter)

Entire Report: <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	
Cover Letter Only: <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	
OFFICE	RI/DORS	RI/DORS	RI/DORS	RI/DORS	RI/DORS	
NAME	CHighley	APatel	LCasey	GDentel	JGreives	
DATE	2/7/22	2/11/22	2/10/22	2/7/22	2/10/22	

OFFICIAL RECORD COPY