



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

April 12, 2022

Mr. David P. Rhoades
Senior Vice President
Constellation Energy Generation, LLC
President and Chief Nuclear Officer (CNO)
Constellation Nuclear
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: THREE MILE ISLAND NUCLEAR GENERATING STATION – UNIT 1 –
NRC SECURITY DECOMMISSIONING INSPECTION REPORT
NO. 05000289/2022401

Dear Mr. Rhoades:

On March 30, 2022, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at the permanently shut down Three Mile Island Nuclear Generating Station Unit 1. An on-site inspection was performed on March 28 - 30, 2022. 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 inspectors reviewed select procedures and records, observed activities, interviewed site personnel and performed site walk-downs. The results of this inspection were discussed with Mr. Craig Smith, Site Regulatory Assurance Lead, and other members of your staff on March 30, 2022, and are described in the enclosed report.

Based on the results of the inspection, no violations of more than minor significance were identified.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding," of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC's Public Document Room or from the Publicly Available Records (PARS) component of the NRC from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Radioactive Waste; Decommissioning of Nuclear Facilities**; then **Regulations, Guidance and Communications**. The current Enforcement Policy is included on the NRC's Website at www.nrc.gov; select **About NRC, Organizations & Functions; Office of Enforcement; Enforcement documents**; then **Enforcement Policy** (Under 'Related Information'). You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 8:00 a.m. to 5:30 p.m. EST, Monday through Friday (except Federal holidays).

D. Rhoades

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No reply to this letter is required. Please contact Ken Hussar at 610-337-5084 if you have any questions regarding this matter.

Sincerely,

Daniel Schroeder, Chief
Security, Emergency Preparedness and Incident
Response Branch
Division of Radiological Safety and Security

Docket No: 50-289
License No: DPR-50

Enclosure:
Inspection Report No. 05000289/2022401

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cc w/encl:
David J. Allard, Director, Bureau of Radiation Protection, PA Department of
Environmental Protection
Daniel Kenny, Manager Site Security
Steve Acker, Licensing Analyst
Bryan Werner, Decommissioning and Environmental Surveillance Division

SUBJECT: THREE MILE ISLAND NUCLEAR GENERATING STATION – UNIT 1 - NRC
 SECURITY DECOMMISSIONING INSPECTION REPORT NO.
 05000289/2022401 DATED APRIL 12, 2022

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Cover Letter Enclosure X SUNSI Review				<input checked="" type="checkbox"/> Non-Sensitive	<input checked="" type="checkbox"/> Publicly Available
OFFICE	RI/DRSS	RI/DRSS	RI/DRSS	RI/DRSS	
NAME	SMcCarver	KHussar*	ADimitriadis/ad	DSchroeder	
DATE	4/11/2022	4/11/2022	4/11/2022	4/12/2022	

* concurrence via email

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U.S. NUCLEAR REGULATORY COMMISSION
REGION I
INSPECTION REPORT

Docket No. 05000289

License No. DPR-50

Report No. 05000289/2022401

Enterprise Identifier: I-2022-401-0046

Licensee: Constellation Energy Group (CEG)

Facility: Three Mile Island Generating Station, Unit 1

Location: Middletown, PA

Inspection Dates: March 28 – 30, 2022

Inspectors: Kenneth Hussar, Senior Physical Security Inspector
Sammy McCarver, PE, Physical Security Inspector
Thomas Eck, Physical Security Inspector (Training)

Approved by: Daniel Schroeder, Chief
Security, Emergency Preparedness and Incident Response
Branch
Division of Reactor Safety and Security

EXECUTIVE SUMMARY

Constellation Energy Group (CEG)
Three Mile Island Generating Station Unit 1
NRC Inspection Report No. 05000289/2022401

This report covers an announced security decommissioning program core inspection of the physical protection program at the Three Mile Island Generating Station – Unit 1 performed March 28 – March 30, 2022. The objective of the inspection was to determine if activities involving the physical protection program, associated with the samples inspected, provide assurance that the licensee’s program is designed and implemented in a manner that protects against the design basis threat (DBT) of radiological sabotage. The U.S. Nuclear Regulatory Commission’s (NRC’s) oversight of the security of a shut down nuclear power reactor is described in Inspection Procedure (IP) 81200, “Security.” Additionally, for reactors that have permanently shut down and entered decommissioning, violations of regulatory requirements are evaluated using the traditional enforcement process described in the NRC’s Enforcement Policy. Under traditional enforcement, violations of more than minor significance are assigned a severity level (SL) ranging from I (most significant) to IV (least significant).

Based on the results of this inspection, no violations of safety significance were identified.

REPORT DETAILS

Inspection Scope

Inspection activities were conducted using the appropriate portions of the IPs in effect at the beginning of the inspection unless otherwise noted. At the time of this inspection, approved IPs with their attached revision histories are located on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter (IMC) 2202 Appendix A, "Security Core Inspection Program." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards.

1. Access Control for Decommissioning Nuclear Power Reactors, IP 81200.02

a. Inspection Scope

The inspectors evaluated the access control program through completion of a minimum of 50% of the inspection requirements.

Access Control for Decommissioning Nuclear Power Reactors (1 Sample)

02.01 a - e, 02.02 a - k, 02.03 b - d, g - j, 02.05

b. Observations and Findings

No violations of more than minor significance were identified.

c. Conclusions

The Three Mile Island Generating Station access control program was in accordance with requirements, was appropriately developed, and was being effectively implemented in a manner that protects against the DBT of radiological sabotage.

2. Security Training for Decommissioning Nuclear Power Reactors, IP 81200.07

a. Inspection Scope

The inspectors evaluated the security training program through completion of a minimum of 50% of the inspection requirements.

Security Training, (1 Sample)

02.01, 02.02 a, b, d, e, g, 02.03 a - c, 02.04 a, b, 02.06 a - c, 02.07 a, 02.08 a, b, 02.09 a, b, 02.10 a, 02.11 a, 02.12 a, c, 02.13

b. Observations and Findings

No violations of more than minor significance were identified.

Conclusions

The Three Mile Island security training program was in accordance with requirements, was appropriately developed, and was being effectively implemented in a manner that protects against the DBT of radiological sabotage.

3. Security Plan Changes for Decommissioning Nuclear Power Reactors, IP 81200.09

a. Inspection Scope

The inspectors evaluated the security plan changes through completion of the following inspection elements.

Security Plan Changes for Decommissioning Nuclear Power Reactors (1 Sample)

(U) Since the last NRC inspection of this program area, Security Plan Revisions 25 and 26 were implemented based on your determination, in accordance with 10 CFR 50.54(p)(2), that the changes resulted in no decrease in safeguards effectiveness of the security plan, and that the revised security plan changes continue to meet the requirements of 10 CFR 73.55(b). The inspectors conducted a review of the security plan changes to evaluate for a potential decrease in safeguards effectiveness of the security plan. However, this review does not constitute formal NRC approval of the changes. Therefore, these changes remain subject to future NRC inspection in their entirety.

b. Observations and Findings

No violations of more than minor significance were identified.

c. Conclusions

The Three Mile Island security plan changes did not result in a non-compliance or violation of regulatory requirements, an adverse impact to the licensee's ability to detect, assess, interdict, and neutralize an adversarial force to protect against the DBT of radiological sabotage, or a site-specific vulnerability.

Exit Meeting Summary

On March 30, 2022, the inspectors presented the inspection results to with Mr. Craig Smith, Site Regulatory Assurance Lead, and other members of the licensee's staff. The inspectors verified that no proprietary information was retained by the inspectors or documented in this report.

ATTACHMENT

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee Personnel

D. Kenny, Manager, Site Security
S. Magaro, Manager, Site Security Operations

LIST OF ITEMS OPEN, CLOSED, AND DISCUSSED

Opened

None

Opened and Closed

None

Closed

None

INSPECTION PROCEDURES USED

IP 81200.02, Access Control for Decommissioning Nuclear Power Reactors
IP 81200.07, Security Training for Decommissioning Nuclear Power Reactors
IP 81200.09, Security Plan Changes for Decommissioning Power Reactors

LIST OF DOCUMENTS REVIEWED

Procedures

SY-AA-101-104-F-02, Procedure/T&RM Revision Summary, Revision 2
SY-AA-101-120, Control of Security Access Control Devices, Revision 9
SY-AA-101-117, Processing and Escorting of Personnel and Vehicles, Revision 33
SY-AA-101-112, Exelon Security Search Processes, Revision 37
SY-AA-150, Nuclear Security Training Program, Revision 5
SY-AA-152, Tactical Course Development, Approval and Conduct, Revision 7
SY-AA-152-F01, Course Design Information, Revision 1
SY-AA-152-F02, Tactical Course Description Template, Revision 2

Miscellaneous

Security Job Aid #13, Security Battle Book, Revision 10
TMI Physical Security Plan, Revisions 25 & 26
2101-LP, Patrol Officer, Revision 8
2103-LP, Tactical Response, Revision 4
2104-LP, Insider Mitigation-Cyber Related Tampering, Revision 3

Condition Reports

04436049	04434974	04453612
04459072	04461055	04462806
04464486	04464717	04469030
04470839	04474340	04436304
04455803	04458947	04471376

Condition Reports Generated

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