



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION I
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July 16, 2025

Eric S. Carr
Chief Nuclear Officer and
President - Nuclear Operations
and Contracted Energy
Dominion Energy, Inc.
Innsbrook Technical Center
5000 Dominion Blvd.
Glen Allen, VA 23060-6711

SUBJECT: MILLSTONE POWER STATION, UNITS 2 AND 3 – SECURITY BASELINE
INSPECTION REPORT 05000336/2025401 AND 05000423/2025401

Dear Eric Carr:

On June 26, 2025, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Millstone Power Station, Units 2 and 3, and discussed the results of this inspection with Doug Lawrence, Senior Vice President, Nuclear Operations, and other members of your staff. The results of this inspection are documented in the enclosed report.

No findings or violations of more than minor significance were identified during this inspection.

This letter, its enclosure, and your response (if any) 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* (10 CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

Brice A. Bickett, Chief
Security, Emergency Preparedness and Incident
Response Branch
Division of Radiological Safety & Security

Docket Nos. 05000336 and 05000423
License Nos. DPR-65 and NPF-49

Enclosure:
As stated

cc w/ encl: Distribution via ListServ

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INSPECTION REPORT 05000336/2025401 AND 05000423/2025401 DATED
JULY 16, 2025

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U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report

Docket Numbers: 05000336 and 05000423

License Numbers: DPR-65 and NPF-49

Report Numbers: 05000336/2025401 and 05000423/2025401

Enterprise Identifier: I-2025-401-0019

Licensee: Dominion Energy, Inc.

Facility: Millstone Power Station, Units 2 and 3

Location: Waterford, CT

Inspection Dates: June 23, 2025 to June 26, 2025

Inspectors: C. Davis, Physical Security Inspector
J. Edwards, Physical Security Inspector
K. Hussar, Senior Physical Security Inspector
S. McCarver, Physical Security Inspector

Approved By: Brice A. Bickett, Chief
Security, Emergency Preparedness and Incident Response Branch
Division of Radiological Safety & Security

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a security baseline inspection at Millstone Power Station, Units 2 and 3, in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

List of Findings and Violations

No findings or violations of more than minor significance were identified.

Additional Tracking Items

None.

INSPECTION SCOPES

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Currently 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) 2201, "Security Inspection Program for Commercial Nuclear Power Reactors." 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.

SAFEGUARDS

71130.02 - Access Control

The inspectors evaluated the access control program through completion of the following inspection elements:

Access Control (1 Sample)

- (1)
 - Tier I: All Requirements
 - Tier II: All Requirements
 - Tier III: 1 Requirement (02.10)

71130.05 - Protective Strategy Evaluation

The inspectors evaluated the licensee's protective strategy through completion of the following procedure elements:

Protective Strategy Evaluation (2 Samples)

- (1)
 - Tier I: All Requirements
 - Tier II: 19 Requirements (02.05 a, 02.06 a, c - n, 02.07 a - e)
 - Tier III: All Requirements
- (2) The Inspectors evaluated the Security Performance Evaluation Program.

71130.09 - Security Plan Changes

The inspectors evaluated the security plan changes through completion of the following procedure elements:

Security Plan Changes (1 Sample)

- (1) Since the last NRC baseline inspection of this program area, Security Plan Revision 37 was implemented. Based on Millstone/Dominion's evaluation, and in accordance with 10 CFR 50.54(p)(2), the changes resulted in no decrease in safeguards effectiveness of the security plan and 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 those changes. Therefore, the changes remain subject to future NRC inspection in its entirety.

71130.14 - Review of Power Reactor Target Sets

The inspectors evaluated the Security Target Set Program. The following elements were evaluated:

Review of Power Reactor Target Sets (1 Sample)

- (1) Requirements (9): 03.01 a.; 03.02 a. - e.; 03.04 a., b.; 03.05 a.

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

PP01: Protected Area Security Equipment Performance Index Sample (IP Section 02.17) (1 Sample)

- (1) July 01, 2024 through May 31, 2025.

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

The inspectors verified no proprietary information was retained or documented in this report.

- On June 26, 2025, the inspectors presented the security baseline inspection results to Doug Lawrence, Senior Vice President, Nuclear Operations, and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.02	Procedures	SY-AA-115	Personnel Processing and Access to Station Facilities	Revision 12
		SY-AA-117	Search Programs	Revision 5
		SY-AA-119	Protected Area Access Control	Revision 7
71130.05	Corrective Action Documents	CR1292348		
		CR1291225		
		CR1290825		
		CR1283096		
71130.05	Procedures	CR1282423		
		CR1272189		
		CR1267949		
		SY-AA-127	Security Patrols and Detection/Assessment Systems	Revision 5
71130.09	Miscellaneous	SY-AA-TR-201	Security Drill and Exercise	Revision 17
		SY-MP-PLN-180	Protective Strategy	Revision 35
		PSP-1	Millstone, North Anna, and Surry Power Stations' Security Plan, Training and Qualification Plan, Safeguards Contingency Plan, and Independent Spent Fuel Storage Installation Security Program	Revision 37
71130.14	Miscellaneous	SY-MP-PLN-180A	Millstone Formal Targe Sets	Revision 5
	Procedures	SY-AA-TR-202	Target Set Development, Identification, and Maintenance	Revision 12
71151	Corrective Action Documents	CR1283786		
		CR1283924		
		CR1288221		
71151	Engineering Changes	CR1292805		
		CR1293196		
		CR1293372		
71151	Engineering Changes	REA MP-2024-67	Install Additional Camera to Provide Sufficient Capabilities in a Specific Area	09/24/2024
	Procedures	SY-AA-126	Regulatory Assessment Performance Indicator Data Reporting	Revision 2