



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

March 25, 2021

Mr. Daniel G. Stoddard  
Senior Vice President and Chief Nuclear Officer  
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 05000336/2021401 AND 05000423/2021401

Dear Mr. Stoddard:

On March 18, 2021, 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 Mr. Guy Blackburn, Acting Plant Manager and other members of your staff. The results of this inspection are documented in the enclosed report. Remote inspections were completed on March 8-12, 2021, and on-site inspections were completed on January 11-14 and March 15-18, 2021.

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* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

X /RA/

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Signed by: Fred L. Bower  
Fred L. Bower, III, Chief  
Plant Support Branch  
Division of Reactor Safety

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

Enclosure:  
As stated

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SUBJECT: MILLSTONE POWER STATION, UNITS 2 AND 3 – SECURITY BASELINE  
INSPECTION REPORT 05000336/2021401 AND 05000423/2021401 DATED  
MARCH 25, 2021

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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: 05000336/2021401 and 05000423/2021401

Enterprise Identifier: I-2021-401-0048

Licensee: Dominion Energy, Inc.

Facility: Millstone Power Station, Units 2 and 3

Location: Waterford, CT

Inspection Dates: January 11, 2021 to March 18, 2021

Inspectors: D. Caron, Senior Physical Security Inspector  
K. Hussar, Senior Physical Security Inspector  
S. McCarver, Physical Security Inspector  
J. Rey, Physical Security Inspector

Approved By: Fred L. Bower, III, Chief  
Plant Support Branch  
Division of Reactor Safety

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 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. Starting on March 20, 2020, in response to the National Emergency declared by the President of the United States on the public health risks of the coronavirus (COVID-19), inspectors were directed to begin telework. In addition, regional baseline inspections were evaluated to determine if all or a portion of the objectives and requirements stated in the IP could be performed remotely. If the inspections could be performed remotely, they were conducted per the applicable IP. In some cases, portions of an IP were completed remotely and on site. The inspections documented below met the objectives and requirements for completion of the IP.

## **SAFEGUARDS**

### 71130.01 - Access Authorization

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

#### Access Authorization (1 Sample)

- 1)
  - Tier I: All Requirements
  - Tier II: 6 Requirements (02.05 a, b, 02.06 a - c, 02.08 a)
  - Tier III: 4 Requirements (02.09, 02.10, 02.11 a, b)

### 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: 10 Requirements (02.06 a - d, 02.07 a, 02.08 a - d, i)
  - Tier III: 2 Requirements (02.09, 02.10 a)

### 71130.04 - Equipment Performance, Testing, and Maintenance

The inspectors evaluated the security equipment performance, testing, and maintenance program through completion of the following inspection elements:

#### Equipment Performance, Testing, and Maintenance (1 Sample)

- (1)
  - Tier I: All requirements
  - Tier II: 4 requirements (02.02 a, 02.11 b, d, 02.13 a)
  - Tier III: 2 requirements (02.14, 02.15 a)

#### 71130.07 - Security Training

The inspectors evaluated the security training program through completion of the following inspection elements:

#### Security Training (1 Sample)

- (1)
  - Tier I: All Requirements
  - Tier II: 8 Requirements (02.05 a - d, 02.06 a, 02.07 a, 02.09 a - b)
  - Tier III: 7 Requirements (02.10, 02.11 a, 02.12 a - b, 02.13 a - c)

#### 71130.08 - Fitness For Duty Program

The inspectors evaluated the fitness for duty program through completion of the following inspection elements:

#### Fitness For Duty Program (1 Sample)

- (1)
  - Tier I: All Requirements
  - Tier II: 26 Requirements (02.05 a - I, 02.06 a - g, 02.07, 02.08, 02.09 a - e)
  - Tier III: 6 Requirements (02.10, 02.11, 02.12, 02.13 a - c)

#### 71130.09 - Security Plan Changes

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

#### Security Plan Changes (1 Sample)

- (1) Since the last NRC inspection of this program area, Security Plan Revision 35 was 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 change continues to meet the requirements of 10 CFR 73.55(b). The inspectors conducted a review of the security plan changes to evaluate for 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.

## **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 03.17) (1 Sample)

The inspectors verified licensee performance indicator submittals listed below:

- (1) January 1, 2020 through December 31, 2020

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

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

- On March 18, 2021, the inspectors presented the security baseline inspection results to Mr. Guy Blackburn, Acting Plant Manager and other members of the licensee staff.
- On January 14, 2021, the inspectors presented the Access Authorization and Fitness for Duty Corporate Debrief inspection results to Mr. Richard Hanson, Dominion Security Director and other members of the licensee staff.

## DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.01	Procedures	SY-AA-115	Personnel Processing and Access to Station Facilities	Revision 6
		SY-AA-UAA-101	Unescorted Access Authorization Program	Revision 4
		SY-AA-UAA-102	Personally Identifiable Information Breach Incident Response Plan	Revision 1
71130.02	Procedures	SY-AA-115	Personnel Processing and Access to Station Facilities	Revision 7
		SY-AA-117	Search Programs	Revision 2
		SY-AA-118	Owner Controlled Area Access Control	Revision 1
		SY-AA-119	Protected Area Access Control	Revision 1
		SY-AA-SCPIP-020	Insider Threat	Revision 0
71130.04	Corrective Action Documents	CR1132839 CR1141863 CR1144708 CR1145409 CR1148158 CR1148775 CR1151386 CR1152291 CR1138820 CR1146533 CR1148398 CR1154154 CR1157251 CR1156193 CR1154282 CR1154579 CR1142929 CR1143607 CR1140816 CR1137310 CR1161432		
	Procedures	C IC 401	Microwave Preventative Maintenance	Revision 2



Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		C IC 402	Infrared Preventative Maintenance R0	Revision 0
		C IC 404	E-Field Preventative Maintenance	Revision 1
		C IC 409	Delta Gate TT212H Preventative Maintenance	Revision 2
		C IC 410	X-Field Preventative Maintenance	Revision 1
		C IC 412	Entry Scan 4 Preventative Maintenance	Revision 5
		C IC 414	Intelli-Field System Maintenance	Revision 2
		C IC 415	LightLoc Express Processor Unit Smartgrate Plus	Revision 2
		C IC 417	Tamper and Supervisory Alarm Testing	Revision 0
		C IC 420	Gemini Model 420 X-Ray Machine Preventative Maintenance	Revision 0
		SP2654E	Security Emergency Diesel Generator Loaded Run	Revision 010
		SP2654S	MP2 Security Automatic Transfer Switch Tests	Revision 002
		SY-AA-116	Maintenance Testing, and Calibration	Revision 3
		SY-AA-120	Operability Testing	Revision 7
		SY-AA-122	Security Officer Equipment	Revision 1
		SY-AA-TR-102	Weapons Accountability, Testing, and Maintenance	Revision 10
	Work Orders	53203237162		
		53203237182		
		53203251234		
		53203252267		
		53203252322		
		53203252398		
		53203253291		
		53203253540		
		53203253900		
		53203254682		
		53203255491		
		53203256021		
		53203291060		
		53203291603		
		53203291677		
71130.07	Miscellaneous		Fleet Annual Exam Test 1 & 2	Revision 2
			Millstone Security Training and Qualification Plan	Revision 35
			Trimester Firearms Familiarization 2019	Revision 2
			Quarterly Firearms Familiarization 2020	

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
	Procedures	CT 31	Tactical Course LP	Revision 3
		SY-AA-TR-101	Nuclear Security Training Program	Revision 15
		SY-AA-TR-102	Weapons Accountability, Testing, and Maintenance	Revision 10
		SY-AA-TR-205	Task Performance Evaluation Forms	Revision 0
71130.08	Corrective Action Documents Resulting from Inspection	CR1164033		
		CR1164011		
		CR1163793		
		CR1163798		
		CR1167738		
		CR1168033		
	Procedures	SY-AA-FFD-101	FFD Program	Revision 13
		SY-AA-FFD-102	FFD Program Administration	Revision 12
		SY-AA-FFD-103	Drug and Alcohol Collection	Revision 14
		SY-AA-FFD-104	Drug and Alcohol Testing Program Administration	Revision 5
		SY-AA-FFD-105	FFD On-Site Testing	Revision 3
		SY-AA-FFD-106	FFD Testing Blind Proficiency Sample Processing	Revision 2
71151	Procedures	SY-AA-126	Regulatory Assessment Performance Indicator Data Reporting	Revision 1