



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

April 17, 2018

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 – EVALUATED EMERGENCY
PREPAREDNESS EXERCISE INSPECTION REPORT 05000336/2018501
AND 05000423/2018501

Dear Mr. Stoddard:

On March 23, 2018, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Millstone Power Station (Millstone), Units 2 and 3. The NRC inspectors discussed the results of this inspection with Mr. John Daugherty, Site Vice President, and other members of your staff. The results of this inspection are documented in the enclosed report.

The NRC inspectors did not identify any finding or violation of more than minor significance.

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 the NRC Public Document Room in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

/RA/

Raymond R. McKinley, Chief
Plant Support Branch
Division of Reactor Safety

Docket Nos. 50-336 and 50-423
License Nos. DPR-65 and NPF-49

Enclosure:
Inspection Report 05000336/2018501
and 05000423/2018501

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S. Colman, RAC Chair, FEMA, Region I
S. O'Neill, RAC Chair, FEMA Region II

SUBJECT: MILLSTONE POWER STATION – EVALUATED EMERGENCY
 PREPAREDNESS EXERCISE INSPECTION REPORT 05000336/2018501
 AND 05000423/2018501 dated April 17, 2018

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| OFFICE | RI/DRS | RI/DRS | | | |
| NAME | JAmbrosini | RMckKinley | | | |
| DATE | 4/11/18 | 4/17/18 | | | |

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**U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report**

Docket Numbers: 50-336 and 50-423

License Numbers: DPR-65 and NPF-49

Report Numbers: 05000336/2018501 and 05000423/2018501

Enterprise Identifier: I-2018-501-0033

Licensee: Dominion Energy Nuclear Connecticut, Inc. (Dominion)

Facility: Millstone Power Station (Millstone), Units 2 and 3

Location: Route 156, Rope Ferry Road
Waterford, CT

Inspection Dates: March 19 – 23, 2018

Inspectors: J. Ambrosini, Senior Emergency Preparedness Inspector, Division of Reactor
Safety (DRS)
J. DeBoer, Emergency Preparedness Inspector, DRS
J. Lilliendahl, Senior Emergency Response Coordinator, DRS
P. Presby, Senior Operations Engineer, DRS

Approved By: Raymond R. McKinley, Chief
Plant Support Branch
Division of Reactor Safety

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring Dominion's performance at Millstone Units 2 and 3 by conducting an evaluated emergency preparedness exercise inspection 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. No findings or more-than-minor violations were identified.

INSPECTION SCOPE

The inspectors conducted the inspection using the appropriate portions of the inspection procedure in effect at the beginning of the inspection unless otherwise noted. Currently approved inspection procedures 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>. 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. The inspectors determined the following samples were complete when the inspection procedure requirements were met consistent with Inspection Manual Chapter 2515, "Light-Water Reactor Inspection Program - Operations Phase."

REACTOR SAFETY

71114.01 - Exercise Evaluation (1 Sample)

The inspectors evaluated the adequacy of Dominion's conduct of the exercise and its capability to assess staff performance via a formal critique process, as required by 10 CFR 50.47(b)(14).

71114.08 - Exercise Evaluation – Scenario Review (1 Sample)

The inspectors reviewed and evaluated the proposed scenario for a biennial emergency plan exercise on February 15.

71151 - Performance Indicator Verification (3 Samples)

The inspectors verified licensee performance indicator submittals listed below for the period from July 2017 through December 2017.

- (1) Drill and Exercise Performance
- (2) Emergency Response Organization Drill Participation
- (3) Alert and Notification System

EXIT MEETINGS AND DEBRIEFS

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

- On March 23, the inspectors presented the inspection results to Mr. John Daugherty, Site Vice President, and other members of the Dominion Energy staff.

DOCUMENTS REVIEWED**Section 1EP1: Exercise Evaluation**

Millstone Power Station Emergency Preparedness Plan, Revision 55
 Millstone Power Station Emergency Preparedness Plan Implementing Procedures
 Millstone Unit 3 NRC/FEMA Evaluated Exercise MMAR18BE Scenario Package

Condition Reports

| | | | | | |
|---------|---------|---------|---------|---------|---------|
| 1045034 | 1056406 | 1065939 | 1072590 | 1077183 | 1085737 |
| 1087085 | 1091254 | 1091255 | | | |

Section 1EP8: Exercise Evaluation – Scenario Review

Millstone Power Station Emergency Preparedness Plan, Revision 55
 Millstone Unit 3 NRC/FEMA Evaluated Exercise MMAR18BE Scenario Package
 EP-AA-400, Attachment 3, Drill/Exercise Objectives

Section 4OA1: Performance Indicator (PI) Verification

DEP PI data, July 2017 – December 2017
 ERO Drill Participation PI data, July 2017 – December 2017
 ANS Reliability PI data, July 2017 – December 2017