

Dominion Energy Nuclear Connecticut, Inc.
Millstone Power Station
314 Rope Ferry Road, Waterford, CT 06385
DominionEnergy.com



U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Serial No. 21-390
NSS&L/TFO R0
Docket No. 50-336
License No. DPR-65

DEC 01 2021

DOMINION ENERGY NUCLEAR CONNECTICUT, INC.
MILLSTONE POWER STATION UNIT 2
INSERVICE INSPECTION PROGRAM – OWNER’S ACTIVITY REPORT, REFUELING
OUTAGE 27

Dominion Energy Nuclear Connecticut, Inc. hereby submits the American Society of Mechanical Engineers (ASME), Section XI, Form OAR-1, Owner’s Activity Report for the period from June 6, 2020 through Refueling Outage 27, completed on November 7, 2021, for Millstone Power Station Unit 2. The enclosure is in accordance with the requirements of ASME Code Case N-532-5.

If you have any questions or require additional information, please contact Jeff Langan at (860) 444-5544.

Sincerely,

A handwritten signature in blue ink, appearing to read "Lori J. Armstrong".

Lori J. Armstrong
Director, Nuclear Station Safety and Licensing

Enclosure:

Millstone Power Station Unit 2, Owner’s Activity Report - Refueling Outage 27

Commitments made in this letter:

None

cc: U.S. Nuclear Regulatory Commission
Region I
2100 Renaissance Blvd
Suite 100
King of Prussia, PA 19406-2713

R. V. Guzman
NRC Senior Project Manager
U.S. Nuclear Regulatory Commission, Mail Stop 08 C2
One White Flint North
11555 Rockville Pike
Rockville, MD 20852-2738

NRC Senior Resident Inspector
Millstone Power Station

Serial No. 21-390
Docket No. 50-336

ENCLOSURE

MILLSTONE POWER STATION UNIT 2
OWNER'S ACTIVITY REPORT
REFUELING OUTAGE 27

MILLSTONE POWER STATION UNIT 2
DOMINION ENERGY NUCLEAR CONNECTICUT, INC.

MILLSTONE POWER STATION

UNIT NO. 2

OWNER'S ACTIVITY REPORT

REFUELING OUTAGE 27

Revision 0

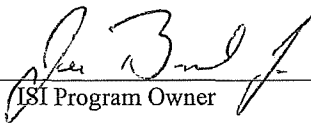
Contents:

OAR-1 Report Number: MP2-2R27

Table 1: Items with Flaws or Relevant Conditions That Required Evaluation for Continued Service.


Table 2: Abstract of Repairs/Replacement Activities Required for Continued Service

Prepared By:


ISI Program Owner

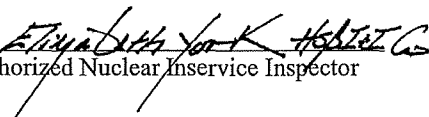
Date: 11/16/2021

Reviewed By:


Independent Review

Date: 11/16/2021

Reviewed By:


Authorized Nuclear Inservice Inspector

Date: 11.16.2021



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Form OAR-1 Owner's Activity Report

Attachment 1, ER-AA-ISI-100

Page 1 of 3

Report Number: MP2-2R27

Plant Millstone Nuclear Power Station, Rope Ferry Road, Waterford, Connecticut 06385

Unit No. 2 Commercial service date 12/26/1975 Refueling outage no. 27
(if applicable)

Current inspection interval 5th
(1st, 2nd, 3rd, 4th, other)

Current inspection period 1st
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plans 2013 Edition, No Addenda

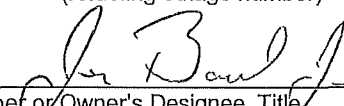
Date and revision of inspection plans May 12, 2021 / Revision 1

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans
N/A

Code Cases used: N-532-5, N-716-1, N-729-6, N-770-5, N-885
(if applicable)

CERTIFICATE OF CONFORMANCE

I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of 2R27 conform to the requirements of Section XI.
(refueling outage number)

Signed  ISI Program Owner Date 11/16/2021
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Connecticut and employed by The Hartford Steam Boiler Inspection and Insurance Company of Hartford, Connecticut have inspected the items described in this Owner's Activity Report, and state that, to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair/replacement activities and evaluation described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

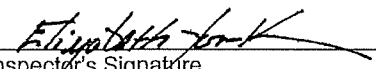
 Commissions NB 9284 CT1137 INR
Inspector's Signature National Board, State, Province and Endorsements
Date 11-16-2021



Table 1 Items with Flaws or Relevant Conditions That Required Evaluation for Continued Service

Examination Category and Item Number	Item Description	Evaluation Description
F-A / F1.20G	Shutdown Cooling System Support 502019	Engineering to evaluate bolting thread engagement (CR1182642) – Acceptable.
F-A / F1.20G	Shutdown Cooling System Support 402077	Engineering to evaluate gap between support base plate and wall (CR1182693) – Acceptable.
F-A / F1.30G	Service Water System Support 527017	Engineering to evaluate support clearances (CR1182952) – Acceptable.
F-A / F1.10A	Safety Injection System Support 310019	Engineering to evaluate gap between support base plate and wall (CR1183029) – Acceptable.
F-A / F1.20G	Shutdown Cooling System Support 427110	Engineering to evaluate gap between support base plate and wall (CR1183018) – Acceptable.
EA / E1.30	Containment Surfaces Moisture Barrier of Containment Liner	Engineering to evaluate Containment Floor Liner Plate Leak Chase Test Channels (CR1182891) – Acceptable. Eleven repairs were completed in 2R27. Tracking assignments have been initiated to perform additional repairs (CA8654619) and a Code required reinspection (CA8654505) in 2R28.



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Form OAR-1 Owner's Activity Report

Attachment 1, ER-AA-ISI-100

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Table 2 Abstract of Repair/Replacement Activities Required for Continued Service

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
None	-	-	-	-