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

Serial No. 19-002  
NSS&L/MLC R0  
Docket No. 50-336  
License No. DPR-65

**DOMINION ENERGY NUCLEAR CONNECTICUT, INC.**  
**MILLSTONE POWER STATION UNIT 2**  
**INSERVICE INSPECTION PROGRAM – OWNER’S ACTIVITY REPORT, REFUELING**  
**OUTAGE 25**

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 May 6, 2017 through Refueling Outage 25, completed on November 2, 2018, for Millstone Power Station Unit 2. The enclosure is in accordance with the requirements of ASME Code Case N-532-4.

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

Sincerely,

A handwritten signature in black ink that reads 'Lori J. Armstrong'.

Lori J. Armstrong  
Director, Nuclear Station Safety and Licensing

Enclosure:

Millstone Power Station Unit 2, Owner’s Activity Report - Refueling Outage 25

Commitments made in this letter:

None

AD47  
NRR

cc: U.S. Nuclear Regulatory Commission  
Region I  
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NRC Senior Resident Inspector  
Millstone Power Station

Serial No. 19-002  
Docket No. 50-336

**ENCLOSURE**

**INSERVICE INSPECTION PROGRAM – OWNER’S ACTIVITY REPORT**

**REFUELING OUTAGE 25**

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

# MILLSTONE POWER STATION

## UNIT NO. 2

### OWNER'S ACTIVITY REPORT

#### REFUELING OUTAGE 25

Revision 0

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#### Contents:

OAR-1 Report Number: MP2-2R25

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: R. Zieber ISI Program Owner Date: 12/10/18

Reviewed By: Jeanne Zolman Independent Review Todd A. Bohrenkamper Date: 12/11/18

Reviewed By: Elizabeth J. ... Authorized Nuclear Inservice Inspector Date: 12-18-2018



Form OAR-1 Owner's Activity Report

Attachment 1, ER-AA-ISI-100

Page 1 of 3

Report Number: MP2-2R25

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

Unit No. 2 Commercial service date 12/26/1975 Refueling outage no. 25  
(if applicable)

Current inspection interval 4th  
(1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, other)

Current inspection period 3rd  
(1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>)

Edition and Addenda of Section XI applicable to the inspection plans 2004 Edition, No Addenda

Date and revision of inspection plans 10/04/17 Revision 3, Change 5-001

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

Code Cases used: N-460, N-513-3, N-532-4, N-566-2, N-722-1, N-729-4, N-731, N-770-2  
(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 2R25 conform to the requirements of Section XI.  
(refueling outage number)

Signed [Signature] ISI Program Owner Date 12/10/2018  
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.

Inspector's Signature [Signature] Commissions NB 9384 CT, NJ, AZ, IS, C, T, N, R  
National Board, State, Province and Endorsements  
Date December 18, 2018



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 / F1-10B	Pipe Support 410048	Bolting thread engagement evaluated by Engineering as acceptable for continued service as documented in UIR MP2-18-002, CR1107474
F-A / F1.40F	Steam Generator Support SG-1-CC-3	Bolting assembly evaluated by Engineering as acceptable for continued service as documented in UIR MP2-18-003, CR1107941
F-A / F1.40F	Steam Generator Support SG-1-CC-7	Bolting assembly evaluated by Engineering as acceptable for continued service as documented in UIR MP2-18-004, CR1107943
F-A / F1.20C	Pipe Support 412012	Spring can load setting evaluated by Engineering as acceptable for continued service as documented in UIR MP2-18-005, CR1108606
CH / C7.10	Safety Injection System piping on line 6"-HCD(C)-3	Through wall leakage identified on safety injection header piping documented in CR1078830. This condition was evaluated for structural integrity in accordance with ASME Code Case N-513-3 and found to be acceptable for continued service, with performance of periodic NDE monitoring, until repair could be completed no later than the next refuel outage (2R25). Repair has now been completed during 2R25 under Work Order 53103120915.



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

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
2	Boric Acid Pump P19B	Replace pump stuffing box cover due to through wall leakage	7/21/2017	53103054077
3	Piping spool piece	Weld repair on Service Water spool piece SK-3527 (Line 24"-JGD-1)	09/01/2018	53203227119
3	Piping spool piece	Weld repair on Service Water piping spool piece SK-892 (Line 24"-JGD-3)	10/08/2018	53203229743
2	Piping spool piece	Replace section of Safety Injection System piping Line 6"-HCD(C)-3 due to through wall leakage	10/14/2018	53103120915