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JAN 22 2016

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

Serial No. 16-005
NSS&L/MLC R0
Docket No. 50-336
License No. DPR-65

DOMINION NUCLEAR CONNECTICUT, INC.
MILLSTONE POWER STATION UNIT 2
INSERVICE INSPECTION PROGRAM – OWNER’S ACTIVITY REPORT, REFUELING
OUTAGE 23

Dominion 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 19, 2014 through Refueling Outage 23, completed on November 7, 2015, 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 Mr. Thomas Cleary at (860) 444-4377.

Sincerely,

B. L. Stanley
Director, Nuclear Station Safety and Licensing

Enclosure:

1. Millstone Power Station Unit 2, Owner’s Activity Report - Refueling Outage 23

Commitments made in this letter: None.

AD47
NRK

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

Serial No. 16-005
Docket No. 50-336

ENCLOSURE 1

INSERVICE INSPECTION PROGRAM – OWNER’S ACTIVITY REPORT

REFUELING OUTAGE 23

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

MILLSTONE POWER STATION

UNIT NO. 2

OWNER'S ACTIVITY REPORT

REFUELING OUTAGE 23

Revision 0

Contents:

OAR-1 Report Number: MP2-2R23

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:

Robert Zick
ISI Program Owner

Date:

01/05/16

Reviewed By:

W. Weseman
Independent Review

Date:

01/06/2016

Reviewed By:

F. Headly for K HSB, I. I. Co. of CT
Authorized Nuclear Inservice Inspector

Date:

01-11-2016



Form OAR-1 Owner's Activity Report

Attachment 1, ER-AA-ISI-100

Page 1 of 4

Report Number: MP2-2R23

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

Unit No. 2 Commercial service date 12/26/1975 Refueling outage no. 23
(if applicable)

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

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

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

Date and revision of inspection plans 06/15/15 Revision 3, Change 3-008

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-532-4, N-566-2, N-722-1, N-770-1
(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 2R23 conform to the requirements of Section XI.
(refueling outage number)

Signed R. Zieber [Signature] ISI Program Owner Date 01/05/2016
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 Connecticut 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.

[Signature] Commissions NR 9584 CT1137 A IS C I N
Inspector's Signature National Board, State, Province and Endorsements

Date 01-11-2016



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 / F1.30G	Pipe Support 405633	Anchor bolt thread engagement evaluated by Engineering as acceptable for continued service as documented in UIR MP2-15-001.
F-A / F1.20C	Pipe Support 401021	Support spring load setting evaluated by Engineering as acceptable for continued service as documented in UIR MP2-15-002.
F-A / F1.20B	Pipe Support 401022	Support spring load setting evaluated by Engineering as acceptable for continued service as documented in UIR MP2-15-003.
F-A / F1.30A	Pipe Support 405875	Corrosion evaluated by Engineering as acceptable for continued service as documented in UIR MP2-15-004.
F-A / F1.20A	Pipe Support 402116	Skewed base plate bolting evaluated by Engineering as acceptable for continued service as documented in UIR MP2-15-005.
F-A / F1.40F	Pipe Support CAR-X-35A-1-S-B	Grout and coating degradation at support base evaluated by Engineering as acceptable for continued service as documented in UIR MP2-15-006.
F-A / F1.20C	Pipe Support 312009	Support spring load setting evaluated by Engineering as acceptable for continued service as documented in UIR MP2-15-007.
F-A / F1.20A	Pipe Support 310021	Support strut barrel thread engagement evaluated by Engineering as acceptable for continued service. Support adjusted to restore to original design condition as documented in UIR MP2-15-008.
C-H / C7.10	Valve 2-SI-470	Evidence of leakage at bolted connection evaluated in accordance with ASME Code Case N-566-2 as acceptable for continued service as documented in ETE MP-2015-1103
C-H / C7.10	Valve 2-SI-411	Evidence of leakage at bolted connection evaluated in accordance with ASME Code Case N-566-2 as acceptable for continued service as documented in ETE MP-2015-1103



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

Examination Category and Item Number	Item Description	Evaluation Description
C-H / C7.10	Pump 2-SI-P41B Suction Flange	Evidence of leakage at bolted connection evaluated in accordance with ASME Code Case N-566-2 as acceptable for continued service as documented in ETE MP-2015-1103
C-H / C7.10	Valve 2-SI-460	Evidence of leakage at bolted connection evaluated in accordance with ASME Code Case N-566-2 as acceptable for continued service as documented in ETE MP-2015-1153



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	Pipe Spool	Replace section of Feedwater piping on line 18"-EBB-6. Note: This activity was performed during previous outage 2R22. Ref. CR1010609.	05/08/2014	53102722913
3	Pipe Spool	Replace section of Service Water piping on line 3"-HUD-32	01/25/2015	53102808407
3	Valve	Replace pressure retaining parts of Service Water valve 2-SW-178B	08/05/2015	53102864670
3	Pipe Spool	Replace section of Service Water piping on line 2-1/2"-HUD-112	08/07/2015	53102865581
3	Pipe Spool	Replace section of Service Water piping on line 2-1/2"-HUD-112	10/17/2015	53102867864
2	Pipe Spool	Replace section of Feedwater piping on line 18"-EBD-8 at valve 2-FW-5B	10/29/2015	53102801958
2	Pipe Spool	Replace section of Feedwater piping on line 18"-EBB-6 at valve 2-FW-5A	10/30/2015	53102885893
2	Pipe Spool	Replace section of Feedwater piping on line 18"-EBB-6 inside containment	10/30/2015	53102884929