

Dominion Nuclear Connecticut, Inc.
Rope Ferry Rd., Waterford, CT 06385
Mailing Address: P.O. Box 128
Waterford, CT 06385
dom.com



JUL 25 2016

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

Serial No. 16-254
NSSL/MLC R0
Docket No. 50-423
License No. NPF-49

DOMINION NUCLEAR CONNECTICUT, INC.
MILLSTONE POWER STATION UNIT 3
INSERVICE INSPECTION PROGRAM – OWNER’S ACTIVITY REPORT,
REFUELING OUTAGE 17

Dominion Nuclear Connecticut, Inc. (DNC) hereby submits the American Society of Mechanical Engineers (ASME), Section XI, Form OAR-1, Owner’s Activity Report, for the period from November 18, 2014 through Refueling Outage 17, completed on May 13, 2016 for Millstone Power Station Unit 3. 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 Jeffrey A. Langan at (860) 444-5544.

Sincerely,

B. L. Stanley
Director, Nuclear Safety and Licensing – Millstone

Enclosure:

1. Owner’s Activity Report, Refueling Outage 17, Revision 0.

Commitments made in this letter: None

A047
NRR

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

R. V. Guzman
Senior Project Manager – Millstone Power Station
U. S. Nuclear Regulatory Commission
One White Flint North, Mail Stop O8 C2
11555 Rockville Pike
Rockville, MD 20852-2738

NRC Senior Resident Inspector
Millstone Power Station

ENCLOSURE 1

OWNER'S ACTIVITY REPORT

REFUELING OUTAGE 17

Revision 0

**DOMINION NUCLEAR CONNECTICUT, INC.
MILLSTONE POWER STATION UNIT 3**

MILLSTONE POWER STATION

UNIT NO. 3

OWNER'S ACTIVITY REPORT

REFUELING OUTAGE 17

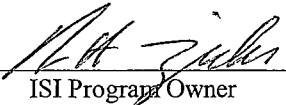
Revision 0

Contents:

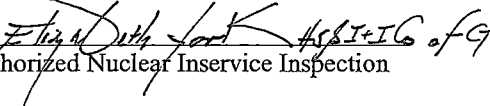
OAR-1 Report Number: MP3-3R17

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:  Date: 7/11/16
ISI Program Owner

Reviewed By:  Date: 7/12/16
Independent Review

Reviewed By:  Date: 7.12.2016
Authorized Nuclear Inservice Inspection



Form OAR-1 Owner's Activity Report

Attachment 1, ER-AA-ISI-100

Page 1 of 6

Report Number: MP3-3R17

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

Unit No. 3 Commercial service date April 26, 1986 Refueling outage no. 17
(if applicable)

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

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

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

Date and revision of inspection plans 05/05/2016 Revision 2, Change 04-003

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

Code Cases used: N-133, N-460, N-504-4, N-532-4, N-566-2, N-722-1, N-729-1, N-740-2, 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 3R17 conform to the requirements of Section XI.
(refueling outage number)

Signed R. Zieber [Signature] ISI Program Owner Date 07/11/2016
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 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 NB 9584 CT/ST ANE ANE (A, IS, C, I, N)
Inspector's Signature National Board, State, Province and Endorsements

Date July 12, 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 / F1.10A	Pipe Support 3-CHS-1-PSST739	Loose pipe clamp evaluated by Engineering and found to be acceptable for continued service as documented in UIR MP3-16-001 / CR1034512. Clamp tightened to restore support to original design condition.
F-A / F1.10C	Pipe Support 3-RCS-1-PSSH506	Support spring load setting evaluated by Engineering and found to be acceptable for continued service as documented in UIR MP3-16-002 / CR1035831.
D-B / D2.10	Valve 3CHS*V993	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR581790 and ETE-MP-2015-1072.
D-B / D2.10	Spool Piece 3-CHS-49-4-2-3 Upstream Flange	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR581778 and ETE-MP-2015-1072.
D-B / D2.10	Spool Piece 3-CHS-49-4-2-3 Downstream Flange	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR581784 and ETE-MP-2015-1072.
C-H / C7.10	Valve 3QSS*AOV28	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR576423 and ETE-MP-2015-1049.
C-H / C7.10	Heat Exchanger 3RHS*E1A Lower Flange	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR576427 and ETE-CME-2013-1011 Rev. 0 thru Rev. 2.
C-H / C7.10	Pump 3RHS*P1A Main Flange	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR576437 and ETE-MP-2015-1049.



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	3QSS*P3A Inlet / Suction Flange	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR576444 and ETE-MP-2015-1049.
C-H / C7.10	Pump 3RHS*P1B Main Flange	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR577429 and ETE-MP-2012-1252.
C-H / C7.10	Pump 3RHS*P1B Inlet / Suction Flange	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR577444 and ETE-MP-2015-1058.
C-H / C7.10	Spool Piece 3-RHS-503-1-4-2 Downstream Flange	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR577444 and ETE-MP-2015-1058.
C-H / C7.10	3RSS*E1B Inlet Flange	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR578142 and ETE-MP-2015-1053.
C-H / C7.10	Pump 3RHS*P1B Main Flange	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR1031685 and ETE-MP-2016-1035.
C-H / C7.10	Valve 3RHS*HCV607	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR1031691 and ETE-MP-2016-1035.
C-H / C7.10	Heat Exchanger 3RHS*E1B Flange	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR1031701 and ETE-CME-2013-1011 Rev. 2.



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

Examination Category and Item Number	Item Description	Evaluation Description
B-P / B15.20	Valve 3RHS*MV8702B	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR1034435 and ETE-MP-2016-1058.
C-H / C7.10	Heat Exchanger 3RSS*E1B Inlet Flange	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR1036848 and ETE-MP-2016-1081.
C-H / C7.10	Heat Exchanger 3RSS*E1B Outlet Flange	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR1036860 and ETE-MP-2016-1081.
C-H / C7.10	Valve 3SIH*V017	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR1029017 and ETE-MP-2016-1006.
C-H / C7.10	Valve 3SIH*MV8802B	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR1036511 and ETE-MP-2016-1079.
C-H / C7.10	Valve 3SIH*MV8821A	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR1036483 and ETE-MP-2016-1079.
B-P / B15.20	Valve 3SIL*V985	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR1034279 and ETE-MP-2016-1048.
B-P / B15.20	Valve 3RCS*SV8095B	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR1037278 and ETE-MP-2016-1084.



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

Examination Category and Item Number	Item Description	Evaluation Description
B-P / B15.20	Valve 3RCS* AV8037C	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR1034041 and ETE-MP-2016-1048.
B-P / B15.20	Valve 3RCS*AV8037B	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR1033846 and ETE-MP-2016-1048.
B-P / B15.20	Valve 3RCS*V107	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR1034039 and ETE-MP-2016-1048
B-P / B15.20	Valve 3RCS*MV8003A	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR1034272and ETE-MP-2016-1058.
B-P / B15.20	Valve 3RCS*MV8003C	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR1034275 and ETE-MP-2016-1058.
B-P / B15.20	Valve 3RCS*MV8003D	Evidence of leakage detected at bolted connection evaluated in accordance with ASME Code Case N-566-2 and found to be acceptable for continued service as documented in CR1034281 and ETE-MP-2016-1058.



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

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
3	Pipe Spool	Replace section of Service Water line 3-SWP-003-324-3.	02/03/2015	53102801095
3	Pipe Spool	Replace section of Service Water line 3-SWP-003-276-3.	12/16/2015	53102874177
3	Pipe Spool	Replace section of Service Water line 3-SWP-018-82-3.	04/25/2016	53102957056 53102797777