

Dominion Nuclear Connecticut, Inc.
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FEB 09 2015

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

Serial No. 15-024
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 16

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 May 20, 2013 through Refueling Outage 16, completed on November 17, 2014 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 William D. Bartron at (860) 444-4301.

Sincerely,


John R. Daugherty
Site Vice President – Millstone

Enclosure:

1. Owner's Activity Report, Refueling Outage 16, Revision 0.

Commitments made in this letter: None

A047
RKR

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

Mohan C. Thadani
Senior Project Manager
U.S. Nuclear Regulatory Commission
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Rockville, MD 20852-2738

NRC Senior Resident Inspector
Millstone Power Station

ENCLOSURE 1

OWNER'S ACTIVITY REPORT

REFUELING OUTAGE 16

Revision 0

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

MILLSTONE POWER STATION

UNIT NO. 3

OWNER'S ACTIVITY REPORT

REFUELING OUTAGE 16

Revision 0

Contents:

OAR-1 Report Number: MP3-3R16

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

Prepared By:

DLA Zider
ISI Program Owner

Date:

01/07/2015

Reviewed By:

W. Wereman
Independent Review

Date:

01/08/2015

Reviewed By:

Elizabeth J. K.
Authorized Nuclear Inservice Inspection

Date:

01/14/2015



Form OAR-1 Owner's Activity Report

Attachment 1, ER-AA-ISI-100

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Report Number: MP3-3R16

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

Unit No. 3 Commercial service date April 26, 1986 Refueling outage no. 16
 (if applicable)

Current inspection interval 3rd
 (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 10/14/2014 Revision 2, Change 03-004

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-729-1, 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 3R16 conform to the requirements of Section XI.
 (refueling outage number)

Signed *RA Ziles* ISI Program Owner Date 01/07/2015
 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 HSB Global Standards 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.

Elizabeth J. ... Commissions *NS 9884 CT1137 ANIC*
 Inspector's Signature National Board, State, Province and Endorsements

Date *January 14, 2015*



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 / F1.30C	Pipe Support 3-CCP-2-PSSH091	Support spring load setting evaluated by Engineering and found to be acceptable for continued service as documented in UIR MP3-14-001.
F-A / F1.20A	Pipe Support 3-FWS-4-PSR015	Support thread engagement evaluated by Engineering and found to be acceptable for continued service as documented in UIR MP3-14-002.
F-A / F1.10E	Pipe Support 3-RCS-1-PSSP147	Support Loose Jam nut evaluated by Engineering and found to be acceptable for continued service. Rework performed to tighten loose nut to restore support to original design condition as documented in UIR MP3-14-003.
F-A / F1.20B21	Pipe Support 3-FWA-1-PSR001	Support Loose Jam nuts evaluated by Engineering and found to be acceptable for continued service. Rework performed to tighten loose nuts to restore support to original design condition as documented in UIR MP3-14-004.
F-A / F1.10C	Pipe Support 3-RCS-1-PSSH003	Support spring load setting evaluated by Engineering and found to be acceptable for continued service as documented in UIR MP3-14-005.
C-H / C7.10	Valve 3CHS*V046	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 CR560676 and ETE-MP-2014-1199.
C-H / C7.10	Valve 3CHS*V910	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 CR560687 and ETE-MP-2014-1199.
C-H / C7.10	Valve 3CHS*RV8123	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 CR560611 and ETE-MP-2014-1199.



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	Flow Element 3CHS*FE142	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 CR560671 and ETE-MP-2014-1199.
C-H / C7.10	Valve 3CHS*AV8149B	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 CR562504 and ETE-MP-2014-1216.
C-H / C7.10	Heat Exchanger 3RSS*E1C 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 CR563893 and ETE-MP-2014-1227.
D-B / D2.10	Pump 3SFC*P1A Casing	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 CR556956 and ETE-MP-2014-1184.
D-B / D2.10	Pump 3SFC*P1A inlet pipe 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 CR556962 and ETE-MP-2014-1184.
D-B / D2.10	Pump 3SFC*P1B 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 CR554383 and ETE-MP-2014-1166.
D-B / D2.10	Pump 3SFC*P1B 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 CR554385 and ETE-MP-2014-1166.



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 3SIL*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 CR562290 and ETE-MP-2014-1216.
B-P / B15.20	Valve 3SIL*V987	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 CR562414 and ETE-MP-2014-1216.
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 CR562311 and ETE-MP-2014-1216.
B-P / B15.20	Valve 3RCS*SV8095	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 CR565315 and ETE-MP-2014-1234.
B-P / B15.20	Valve 3RCS*V026	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 CR561944 and ETE-MP-2014-1218.
B-P / B15.20	Valve 3RCS*MV8001B	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 CR562319 and ETE-MP-2014-1218.
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 CR562186 and ETE-MP-2014-1218.
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 CR562698 and ETE-MP-2014-1216.



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*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 CR562039 and ETE-MP-2014-1218.
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 CR562378 and ETE-MP-2014-1218.



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 piping and perform weld repair of an existing elbow of Service Water line 3-SWP-006-35-3(A-).	10/23/2014	53102601188
3	Pipe Spool	Replace section of Service Water line 3-SWP-002-315-3(B-).	10/31/2014	53102744549
3	Pipe Spool	Replace section of Service Water line 3-SWP-010-27-3.	07/09/2014	53102750321
3	Pipe Spool	Replace section of Service Water line 3-SWP-150-104-3.	10/21/2014	53102768543
3	Pipe Spool	Replace section of Service Water line 3-SWP-002-314-3.	10/23/2014	53102768932
3	Pipe Flange	Perform weld repair on flanges of Service Water spool 3-SWP-20-3-2-3 and 3-SWP-23-3A-2-3.	10/27/2014	53102779318
3	Pipe Flange	Perform weld repair on flange of Service Water spool 3-SWP-28-5-4-3.	10/26/2014	53102777705
3	Pipe Flange	Perform weld repair on flange of Service Water spool 3-SWP-20-7-2-3.	10/27/2014	53102779361
3	Pipe Flange	Perform weld repair on flanges of Service Water spool 3SWP-19-4, and 3SWP-19-4A.	10/27/2014	53102780336
3	Pipe Spool	Replace section of Service Water line 3-SWP-006-32-3(A).	10/23/2014	53102743434
2	Valve	Replace Chemical and Volume Control valve 3CHS*V394.	11/04/2014	53102779781
1	Valve / Pipe Spool	Replace Reactor Coolant valves 3RCS*SV8095A and 3RCS*SV8096A, including head vent pipe spool.	11/07/2014	53102788967