Dominion Nuclear Connecticut, Inc.
Millstone Power Station
Rope Ferry Road, Waterford, CT 06385

AUG 1 2013

Dominion®

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

Serial No. 13-421
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 15

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 24, 2011 through Refueling Outage 15, completed on May 19, 2013 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,

Stephen E. Scace
Site Vice President – Millstone

Enclosure:

1. Owner's Activity Report, Refueling Outage 15, 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

James S. Kim
Project Manager
U.S. Nuclear Regulatory Commission
One White Flint North, Mail Stop 08 C2A
11555 Rockville Pike
Rockville, MD 20852-2738

NRC Senior Resident Inspector
Millstone Power Station

ENCLOSURE 1

OWNER'S ACTIVITY REPORT

REFUELING OUTAGE 15

Revision 0

DOMINION NUCLEAR CONNECTICUT, INC.
MILLSTONE POWER STATION UNIT 3

MILLSTONE POWER STATION

UNIT NO. 3

OWNER'S ACTIVITY REPORT

REFUELING OUTAGE 15

Revision 0

Contents:

Prepared By: _____ Date: 7/9/13
ISI Program Owner

Reviewed By: W. Weseman Date: 7/9/2013
Independent Review

Reviewed By: _____ Date: 7-16-2013
Authorized Nuclear Inservice Inspection

Dominion

Form OAR-1 Owner's Activity Report

Report Number: MP3-3R15

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

Unit No. 3 (if applicable) Commercial service date April 26, 1986 Refueling outage no. 15

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 03/27/2013 Revision 2, Change 02-004

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 3R15 (refueling outage number) conform to the requirements of Section XI.

Signed [signature] ISI Program Owner Date 07/08/2013
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 CT 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 NB 9384 CT 1137 ANIC
Inspector's Signature National Board, State, Province and Endorsements

Date July 16, 2013

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

Examination Category and Item Number	Item Description	Evaluation Description
C-C / C3.10	RHR Heat Exchanger Lower Shell to Skirt Weld 03-073-009	Surface indication, evaluated as acceptable in accordance with ASME Section XI, IWB 3514.
F-A / F1.10A	Pipe Support 3-RCS-1-PSR33	Support strut could not be rotated by hand to verify freedom of motion. The support condition has been evaluated by Engineering and found to be acceptable with the support performing its intended design function.
F-A / F1.10A	Pipe Support 3-RCS-1-PSR40	Support strut could not be rotated by hand to verify freedom of motion. The support condition has been evaluated by Engineering and found to be acceptable with the support performing its intended design function.
F-A / F1.10C	Pipe Support 3-RCS-1-PSSH003	Evaluation of support spring load setting. The support condition has been evaluated by Engineering and found to be acceptable with the support performing its intended design function.
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
C-H / C7.10	Valve 3CHS*AV8149C	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
C-H / C7.10	Valve 3CHS*V047	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
C-H / C7.10	Heat Exchanger 3RHS*E1A	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
C-H / C7.10	Heat Exchanger 3RHS*E1B	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
C-H / C7.10	Valve 3RHS*MV8701B	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

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 / B15.10	Valve 3RHS*MV8701C	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
C-H / C7.10	Pump RHS*P1B 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
C-H / C7.10	Pump 3QSS*P3A 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
C-H / C7.10	Pump 3QSS*P3A 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
C-H / C7.10	Pump 3QSS*P3A 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
C-H / C7.10	Pump 3QSS*P3B 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
C-H / C7.10	Heat Exchanger 3RSS*E1A	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
C-H / C7.10	Pump 3SIH*P1A	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
C-H / C7.10	Valve 3SIH*V013	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
C-H / C7.10	Valve 3SIL*AV8879B	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
C-H / C7.10	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

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 / B15.10	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
B-P / B15.10	Flow Element 3RCS*FE438	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
B-P / B15.10	Flow Element 3RCS*FE448	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
B-P / B15.10	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
B-P / B15.10	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
B-P / B15.10	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
B-P / B15.10	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
B-P / B15.10	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
B-P / B15.10	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

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

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
1	Steam Generator Plugs	Install mechanical tube plug for 3RCS*SG1B.	4/27/2013	53102347234
1	Steam Generator Plugs	Install mechanical tube plug for 3RCS*SG1D.	4/27/2013	53102347236
2	Valve	Replace Feedwater valve 3FWS*FCV540	5/10/2013	53102622642
3	Heat Exchanger	Weld repair build-up of the divider plate cover on 3CCP*E1C	12/20/2011	53102486686
3	Pipe Spool	Replace Service Water valve 3SWP*V873 with pipe spool	2/15/2013	53102587638
3	Pipe Spool	Replace sections of Service Water line 3-SWP-003-276-3.	1/25/2013	53102592710
3	Pipe Spool	Replace Service Water piping flange for line 3-SWP-003-324-3	3/6/2013	53102606210
3	Pipe Spool	Replace Service Water pipe spool on line 3-SWP-003-248-3	5/6/2013	53102618055
3	Pipe Spool	Replace section of Feedwater line 3-FWS-018-086-2	5/10/2013	53102618749
3	Pipe Spool	Repair Service Water pipe spool 3-SWP-21-6A-2-3 Outlet flange.	4/29/2013	53M30707417
3	Bolting	Replace flange bolting for Service Water 3SWP*RO120B and pipe spool 3-SWP-21-6A-2-3	4/29/2013	53M30707417
3	Valve	Install replacement valve for 3SWP*V658	5/6/2013	53102600802
3	Valve	Install replacement valve for 3SWP*V659	5/6/2013	53102601733
3	Valve	Install replacement valve for 3SWP*V661	4/28/2013	53102601735
3	Valve	Install replacement valve for 3SWP*V663	5/6/2013	53102601745
3	Valve	Install replacement valve for 3SWP*V664	4/29/2013	53102601746
3	Valve	Install replacement valve for 3SWP*V665	4/29/2013	53102601747
3	Valve	Install replacement valve for 3SWP*V668	4/29/2013	53102601737