

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



DominionSM

JUL 25 2010

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

Serial No. 10-430
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

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 25, 2008 through Refueling Outage 13, completed on May 18, 2010 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 Mr. William Bartron at (860) 444-4301.

Sincerely,

A. J. Jordan
Site Vice President – Millstone

Enclosure:

1. Inservice Inspection Program – Owner's Activity Report, Refueling Outage 13.

Commitments made in this letter: None

A047
NPR

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

ENCLOSURE 1

INSERVICE INSPECTION PROGRAM – OWNER'S ACTIVITY REPORT

REFUELING OUTAGE 13

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

MILLSTONE POWER STATION

UNIT NO. 3

OWNER'S ACTIVITY REPORT

REFUELING OUTAGE 13

Revision 0

Contents:

OAR-1 Report Number: MP3-3R13

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:

Pat Zides
ISI Program Owner

Date:

07/07/10

Reviewed By:

W. Weseman
Independent Review

Date:

07/07/2010

Reviewed By:

Elizabeth K. HSC
Authorized Nuclear Inservice Inspector

Date:

07/08/2010



Dominion

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Report Number: MP3-3R13

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

Unit No. 3 Commercial service date April 26, 1986 Refueling outage no. 13
(if applicable)

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

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

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

Date and revision of inspection plans 09/10/09 Revision 2, Change 1

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, N-729-1
(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 3R13 conform to the requirements of Section XI.
(refueling outage number)

Signed *[Signature]* ISI Program Owner Date 07/07/2010
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.

Inspector's Signature *[Signature]* Commissions NB 9384 CT 1154 ANIC
National Board, State, Province and Endorsements

Date July 8, 2010



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

Examination Category and Item Number	Item Description	Evaluation Description
C-F-2 / C5.51	Weld FWS-11-FW-7-BM	Linear surface indication, evaluated as acceptable in accordance with ASME Section XI, IWB 3514 (UIR MP3-10-002).
C-F-1 / C5.11	Weld SIL-504-FW-15	Linear surface indication, evaluated as acceptable in accordance with ASME Section XI, IWB 3514 (UIR MP3-10-003).
F-A / F1.20A	Pipe support 3-FWS-4-PSR064	Spherical bearing partially dislodged. The support condition has been evaluated by Engineering and found to be acceptable with support performing its intended design function (UIR MP3-10-004). Rework performed to reposition bearing to restore support back to original design condition.
F-A / F1.20A	Pipe support 3-FWS-4-PSR011	Pipe clamp out of alignment with support strut. The support condition has been evaluated by Engineering and found to be acceptable with support performing its intended design function (UIR MP3-10-005). Rework performed to realign clamp to restore support back to original design condition.
F-A / F1.20A	Pipe support 3-SIL-1-PSST493	Loose locking nut on strut assembly. The support condition has been evaluated by Engineering and found to be acceptable with support performing its intended design function (UIR MP3-10-006). Rework performed to tighten locking nut to restore support back to original design condition.
F-A / F1.10C	Pipe support 3-RCS-1-PSSH127	Spring can setting outside its tolerance. The support condition has been evaluated by Engineering and found to be acceptable with the spring can functioning within its working range and design value (UIR MP3-10-007).
F-A / F1.20C	Pipe support 3-FWS-1-PSSH002	Spring can setting outside its tolerance. The support condition has been evaluated by Engineering and found to be acceptable with the spring can functioning within its working range and design value (UIR MP3-10-008).



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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-RCS-1-PSR168	Spherical bushing partially dislodged and loose locking nut on strut assembly. The support condition has been evaluated by Engineering and found to be acceptable with support performing its intended design function (UIR MP3-10-009). Rework performed to tighten loose lock nut to restore support back to its original design condition.
C-H / C7.10	Restricting orifice 3RSS*RO39B	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 (M3-EV-10-0021).
C-H / C7.10	Valve 3SIH*AV8889A	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 (M3-EV-10-0022).
B-P / B15.10	Valve 3RCS*AV8036D	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 (M3-EV-10-0019).
B-P / B15.10	Valve 3RCS*V147	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 (M3-EV-10-0019).
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 (M3-EV-10-0019).
B-P / B15.10	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 (M3-EV-10-0019).
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 (M3-EV-10-0019).



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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 3RCS*V031	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 (M3-EV-10-0019).
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 (M3-EV-10-0019).
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 (M3-EV-10-0019).
C-H / C7.10	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 (M3-EV-10-0019).
B-P / B15.10	Valve 3SIL*V015	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 (M3-EV-10-0019).
B-P / B15.10	Valve 3RHS*MV8701A	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 (M3-EV-10-0019).
C-H / C7.10	Valve 3SIL*V012	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 (M3-EV-10-0019).
C-H / C7.10	Valve 3SIL*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 (M3-EV-10-0019).
B-P / B15.10	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 (M3-EV-10-0019).



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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	Valve 3SIL*V006	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 (M3-EV-10-0019).
C-H / C7.10	Valve 3SIL*V007	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 (M3-EV-10-0019).
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 (M3-EV-10-0019).
B-P / B15.10	Valve 3RCS*V108	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 (M3-EV-10-0019).
B-P / B15.10	Valve 3RCS*V102	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 (M3-EV-10-0019).
B-P / B15.10	Valve 3RCS*AV8153	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 (M3-EV-10-0019).
B-P / B15.10	Valve 3RCS*LC459	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 (M3-EV-10-0019).
C-H / C7.10	Valve 3CHS*AV8146	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 (M3-EV-10-0019).
C-H / C7.10	Valve 3CHS*AV8147	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 (M3-EV-10-0019).



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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	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 (M3-EV-10-0019).
B-P / B15.10	Valve 3SIH*V887	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 (M3-EV-10-0019).
C-H / C7.10	Valve 3RHS*V021	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 (M3-EV-10-0008).
C-H / C7.10	Flow element 3RHS*FE618	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 (M3-EV-10-0014).
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 (M3-EV-05-0016 Rev. 3).
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 (M3-EV-05-0016 Rev. 3).
C-H / C7.10	Valve 3RHS*V029	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 (M3-EV-05-0013).
C-H / C7.10	Spectacle flange 3RHS*FLS1B	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 (M3-EV-10-0013).
C-H / C7.10	Pump 3RHS*P1B	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 (M3-EV-10-0013).



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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 piping at the CCE Heat Exchanger.	04/19/2010	53102322014
3	Pipe Spool	Fabricate and install replacement inlet and outlet channel head flanges for heat exchanger 3EGS*E2A.	10/28/2008 <i>(work completed during previous period)</i>	53M30517833
2	Valve 3CHS*CV8152	Replace body to bonnet fasteners on 3CHS*CV8152.	02/27/2009	53102234037
3	Pipe Spool	Coatings and Cladding repair of the Inlet/Outlet Channel Head Flange for Heat Exchanger 3CCP*E1C.	03/21/2009	53102195579
3	Pipe Spool	Replace a portion of line 3-SWP-002-383-3.	03/26/2009	53102188990
3	Valve 3SWP*V696	Replace plug valve 3SWP*V696.	03/28/2009	53102241929
3	Valve 3SWP*V866	Replace flange bolting for valve 3SWP*V866.	06/01/2009	53102203933
3	Valve 3SWP*V867	Replace Flange Bolting for Valve 3SWP*V867.	06/01/2009	53102203934
3	Pipe Spool	Replace brazed pipe line 3-SWP-003-101-3 with butt welds IAW DM3-00-0076-08.	07/22/2009	53102268587
3	Pump 3CCP*P1B	Replace casing studs and nuts on pump 3CCP*P1B.	10/31/2009	53102292101
3	Pipe Spool	Replace a portion of Line 3-SWP-003-59-3 in the ESF building.	12/28/2009	53102313861
3	Pipe Spool	Replace a portion on 3SWP-150-103-3(A-) due to a pinhole leak.	01/19/2010	53102318157
1	Valves 3RCS*SV8095A and 3RCS*SV8096A	Replace reactor head vent valves 3RCS*SV8095A and 3RCS*SV8096A.	04/02/2010	53102334985
3	Pipe Spool	Replace a portion of line on 3SWP-150-61-3 and 3SWP-150-064-03(B-).	04/18/2010	53102317914
2	Pipe Spool	Rework / remove unacceptable surface indications located on line 3-FWS-018-86-2.	04/19/2010	53102341108



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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 pipe on line 3-SWP-006-50-3.	04/21/2010	53M30709070
3	Heat Exchanger 3EGS*E1B	Install replacement tube assembly in diesel generator intercooler heat exchanger 3EGS*E1B.	04/23/2010	53M30709271
2	Snubber 3-MSS-1-PSSP0450	Replace pivot pin on snubber for pipe support 3-MSS-1-PSSP0450.	04/25/2010	53102261798
1	Snubber 3-RCS-1-PSSP0928	Replace snubber for pipe support 3-RCS-1-PSSP0928.	04/28/2010	53102262076
3	Pipe Spool	Replace a portion of line 3-SWP-150-72-3, Outlet line from 3CCI*E1A.	05/07/2010	53102347647
2	Pipe Spool	Remove arc-strike on line 3-CHS-003-072-2 IAW CRED CR380222.	05/08/2010	53102351290