

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



Dominion™

JAN 24 2006

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

Serial No. 06-031
MPS Lic/RWM 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 Refueling Outage 10 for Millstone Power Station Unit 3. The enclosure is in accordance with the requirements of Code Case N-532.

If you have any questions or require additional information, please contact Mr. David W. Dodson at (860) 447-1791, extension 2346.

Very truly yours,


J. Alan Price
Site Vice President - Millstone

Enclosure(s):

1. Millstone Power Station Unit 3, Owner's Activity Report for Refueling Outage 10

Commitments made in this letter: None.

A047

cc: U.S. Nuclear Regulatory Commission
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Millstone Power Station

Serial No.: 06-031
Docket No.: 50-423

Enclosure 1

INSERVICE INSPECTION PROGRAM – OWNER’S ACTIVITY REPORT

REFUELING OUTAGE 10

MILLSTONE UNIT 3

DOMINION NUCLEAR CONNECTICUT, INC. (DNC)

MILLSTONE POWER STATION

UNIT NO. 3

OWNER'S ACTIVITY REPORT

REFUELING OUTAGE 10

Revision 0

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Prepared By:

Phil A. Zier
ISI Program Coordinator

Date: 01/10/2006

Reviewed By:

Elizabeth J. Smith #4504
Authorized Nuclear Inservice Inspector

Date: Jan 10, 2006

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number MP-3, 3RO10

Owner Dominion Nuclear Connecticut, Rope Ferry Road, Waterford Connecticut 06385
(Name and Address of Owner)

Plant Millstone Nuclear Power Station, Rope Ferry Road, Waterford Connecticut
(Name and Address of Plant)

Unit Number 3 Commercial Service Date April 23, 1986 Refueling Outage Number 10
(if applicable)

Current Inspection Interval 2nd
(1st, 2nd, 3rd,)

Current Inspection Period 2nd
(1st, 2nd, 3rd, 4th, other)

Edition and Addenda of Section XI Applicable to the Inspection Plan 1989 Edition, No Addenda
Subsection IWE/IWL - 1998 Edition, No Addenda

Date and Revision of Inspection Plan January 15, 2005, Revision 01, Change 6.
Subsection IWE/IWL - January 30, 2001, Revision 1

Edition and Addenda of Section XI Applicable to Repairs and replacements, if Different 1998 Edition, No Addenda

CERTIFICATE OF CONFORMANCE

I certify that the statements made in this Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of Authorization No. N/A Expiration Date N/A
(if applicable)

Signed Richard A. Zijden - ISI Coordinator Date 01/10/2006
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, during the period May 9, 2004 to October 26, 2005, and state 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 examinations, tests, repairs, replacements, evaluations and corrective measures 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 NBS 9284 CT/NSI A N I C
National Board, State, Province and Endorsements

Date Jan 10, 2006

Table 1
ABSTRACT OF EXAMINATIONS AND TESTS (See Note 1)

Examination Category	Total Examinations Required for The Interval	Total Examinations Credited for This Period	Total Examinations Credited (%) For The Period	Total Examinations Credited (%) To Date for The Interval	Remarks
B-A	24	1	4	25	Note 2
B-B	3	0	0	66	
B-D	44	2	4	45	Item numbers B3.90 and B3.100 utilize Code Case N-521 which allows deferral to the end of the Interval.
B-E	2	0	0	0	See Note 2
B-F	4	0	0	100	See Note 3
B-G-1	221	2	1	58	
B-G-2	62	18	29	82	
B-H	9	0	0	100	Relief Request iR-2-4 granted to perform all (9) examinations in one period.
B-J	60	0	0	100	See Note 3
B-K-1	9	2	22	78	
B-L-1	N/A	N/A	N/A	N/A	There are no components under this Category at Millstone Unit 3.
B-L-2	0	0	0	0	Required only if disassembled during maintenance activity.
B-M-1	N/A	N/A	N/A	N/A	There are no components under this Category at Millstone Unit 3.
B-M-2	4	0	0	100	Required only if disassembled during maintenance activity.
B-N-1	3 (1/Period)	0	0	66	100% are examined each Inspection period.
B-N-2	7	0	0	0	See Note 2

Table 1
ABSTRACT OF EXAMINATIONS AND TESTS (See Note 1)

Examination Category	Total Examinations Required for The Interval	Total Examinations Credited for This Period	Total Examinations Credited (%) For The Period	Total Examinations Credited (%) To Date for The Interval	Remarks
B-N-3	2	0	0	0	See Note 2
B-O	4	0	0	100	See Note 2
B-P	36	6	16	83	Required for examination each refueling outage. Number and percentage are based on the number of refueling outages anticipated during the Interval.
C-A	6	0	0	50	
C-B	13	2	15	76	See Note 6
C-C	39	14	35	92	
C-D	2	0	0	50	See Note 4
C-F-1	156	30	19	79	
C-F-2	38	8	21	84	
C-G	11	0	0	55	
C-H	86	10	11	74	See Note 6
D-A	30	6	20	83	See Note 6
D-B	124	28	22	79	See Note 6
D-C	4	0	0	75	See Note 6
E-A	105 (35/Period)	0	0	66	100% of the items are examined each Inspection Period. The Total Examinations Required reflects the total for all (3) Periods.
E-C	44 22/Period	0	0	50	See Note 7
L-A	34	0	0	100	See Note 5

Table 1
ABSTRACT OF EXAMINATIONS AND TESTS (See Note 1)

Examination Category	Total Examinations Required for The Interval	Total Examinations Credited for This Period	Total Examinations Credited (%) For The Period	Total Examinations Credited (%) To Date for The Interval	Remarks
L-B	N/A	N/A	N/A	N/A	There are no components under this Category at Millstone Unit 3.
F-A	262	58	22	83	
R-A	91	15	16	71	See Note 9, Note 10

Notes:

1. This report represents a summary of the Inservice Inspection activities performed at Dominion Nuclear Connecticut's Millstone Unit 3 power station during the Fall of 2005 refueling outage (RFO10). This is the first refueling outage of the second inspection period of the second inspection interval.
2. For this Examination Category, deferral of examinations to later in the interval is permissible, in accordance with ASME Section XI, IWB-2500-1
3. Examination Category B-F and B-J have been replaced with the implementation of the Risk Informed inspection program for Class 1 piping Examination Category R-A. The number of examinations listed under the Total Examinations Required for the Interval for these categories reflect the number of examinations completed meeting the percentage requirements for the first inspection period.
4. Percentage requirements in this category cannot be met for each period due to only 2 items in the category.
5. Examination frequency for this Category is once every five years. The total examinations listed for the interval reflect completion for the first five-year interval. Examinations for the second five-year interval are scheduled to be completed in March of 2006.
6. This examination Category includes VT-2 (Pressure Test) inspection items required to be completed once each period.
7. This Category reflects locations identified during the 1st period that are required for examination during period 2 and period 3.
8. Relief requests shall be submitted for those examinations in which limitations exist such that at least 90% examination coverage could not be obtained.
9. Category increased by an additional (8) welds based on the Class 1 Risk Informed Program period review.
10. Five (5) Pressurizer nozzle to safe-end dissimilar metal welds were examined using a combination of RT and UT methods as an augmented inspection scope based on Millstone's commitment to Regulatory Bulletin 2004-01.

Table 2
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT
REQUIRED EVALUATION FOR CONTINUED SERVICE

Examination Category	Item Number	Component ID	Item Description	Flaw Characterization (IWA-3300)	Flaw or relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)
F-A	F1.30	3-SWP-PSST040	Pipe support	Loose lock nut evaluated as acceptable for continued service. Tightened nut to restore support to original design condition.	YES
F-A	F1.20	3-SIH-PSST377	Pipe support	Loose lock nut evaluated as acceptable for continued service. Tightened nut to restore support to original design condition.	YES
F-A	F1.10	3-RCS-1-PSR416	Pipe support	Missing clip evaluated as acceptable for continued service. Replaced clip to restore support to original condition.	YES
C-F-2	C5.51	FWS-12-FW-3-DM	Feedwater System piping weld	Planar indication evaluated as an acceptable Non-relevant indication.	NO (1)
C-F-2	C5.51	MSS-31-FW-1-CM	Main Steam System piping weld	Base metal surface indication evaluated by Engineering as an original fabrication lap. Blended and reexamined as acceptable.	NO (1)
C-F-2	C5.51	MSS-35-FW-1	Main Steam System piping weld	Inclusion type indication evaluated as acceptable to IWB-3000 acceptance criteria	NO (1)
B-G-2	B7.70	SIL*V932	Valve body to bonnet bolting	Identified leakage evaluated as originating from valve packing, cleaned and reexamined as acceptable.	YES
B-P	B15.70	SIL*V006	Valve body to bonnet bolting	Leakage at bolted connection. Evaluated using the criteria of Code Case N-566-1.	YES
B-P	B15.70	SIL*V007	Valve body to bonnet bolting	Leakage at bolted connection. Evaluated using the criteria of Code Case N-566-1.	YES
B-P	B15.70	SIL*V012	Valve body to bonnet bolting	Leakage at bolted connection. Evaluated using the criteria of Code Case N-566-1.	YES

Table 2
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT
REQUIRED EVALUATION FOR CONTINUED SERVICE

Examination Category	Item Number	Component ID	Item Description	Flaw Characterization (IWA-3300)	Flaw or relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)
B-P	B15.70	SIL*V017	Valve body to bonnet bolting	Leakage at bolted connection. Evaluated using the criteria of Code Case N-566-1.	YES
B-P	B15.70	SIL*V015	Valve body to bonnet bolting	Leakage at bolted connection. Evaluated using the criteria of Code Case N-566-1.	YES
B-P	B15.70	SIL*V987	Valve body to bonnet bolting	Leakage at bolted connection. Evaluated using the criteria of Code Case N-566-1.	YES
B-P	B15.70	RCS*AV8037A	Valve body to bonnet bolting	Leakage at bolted connection. Evaluated using the criteria of Code Case N-566-1.	YES
B-P	B15.70	RCS*AV8037B	Valve body to bonnet bolting	Leakage at bolted connection. Evaluated using the criteria of Code Case N-566-1.	YES
B-P	B15.70	RCS*AV8037D	Valve body to bonnet bolting	Leakage at bolted connection. Evaluated using the criteria of Code Case N-566-1.	YES
B-P	B15.70	RCS*MV8003A	Valve body to bonnet bolting	Leakage at bolted connection. Evaluated using the criteria of Code Case N-566-1.	YES
B-P	B15.70	RCS*MV8003C	Valve body to bonnet bolting	Leakage at bolted connection. Evaluated using the criteria of Code Case N-566-1.	YES
B-P	B15.70	RCS*MV8003D	Valve body to bonnet bolting	Leakage at bolted connection. Evaluated using the criteria of Code Case N-566-1.	YES
B-P	B15.70	RHS*MV8701A	Valve body to bonnet bolting	Leakage at bolted connection. Evaluated using the criteria of Code Case N-566-1.	YES

Note: (1) C-F-2 welds identified above were examined for High Energy Line Break augmented examination program

Table 3
ABSTRACT OF REPAIRS, REPLACEMENTS, OR CORRECTIVE MEASURES
REQUIRED FOR CONTINUED SERVICE

Code Class	Repair, Replacement, or Corrective Measure	Item Description	Description of Work	Flaw or relevant Condition Found During Scheduled Section XI Examination or Test (Yes/No)	Date Completed	Repair/ Replacement Plan Number
1	Repair	Pressurizer spray nozzle to safe-end, dissimilar metal weld 03-X-5641-E-T	Machine and perform weld overlay per approved Relief Request IR-2-39	Yes	10/18/2005	M3-05-14478
2	Replacement	Valve 3CHS*RV8117	Replace Valve due to test failure	Yes	10/09/2005	M3-01-22351
3	Replacement	Valve 3WTC*V846	Replace Valve	No	07/09/2004	M3-04-09727
3	Replacement	Valve 3SWP*V697	Install Temporary blind flange in place of valve	No	08/12/2004	M3-04-11702
2	Replacement	Snubber 3MSS-1-PSSP0555	Replace snubber	Yes	10/12/2005	M3-04-17234
2	Repair	Line No. 3MSS-008-51-2	Blend out base metal indication found during surface examination of weld MSS-31-FW-1-CM	Yes	10/15/2005	M3-05-14196