

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



**AUG 07 2008**

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

Serial No. 08-0489  
NSSL/RWM R0  
Docket No. 50-336  
License No. DPR-65

**DOMINION NUCLEAR CONNECTICUT, INC.**  
**MILLSTONE POWER STATION UNIT 2**  
**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 19, 2006 through Refueling Outage 18, completed on May 16, 2008, for Millstone Power Station Unit 2. 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 D. Bartron at (860) 444-4301.

Very truly yours,

  
J. Alan Price  
Site Vice President - Millstone

Enclosure:

1. Millstone Power Station Unit 2, Owner’s Activity Report - Refueling Outage 18

Commitments made in this letter: None.

A047  
NRR

cc: U.S. Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19406-1415

Ms. C. J. Sanders  
Project Manager  
U.S. Nuclear Regulatory Commission  
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NRC Senior Resident Inspector  
Millstone Power Station

Serial No. 08-0489  
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**ENCLOSURE 1**

**INSERVICE INSPECTION PROGRAM – OWNER’S ACTIVITY REPORT**

**REFUELING OUTAGE 18**

**MILLSTONE POWER STATION UNIT 2  
DOMINION NUCLEAR CONNECTICUT, INC. (DNC)**

# MILLSTONE POWER STATION

## UNIT NO. 2

### OWNER'S ACTIVITY REPORT

### REFUELING OUTAGE 18

Revision 0

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Contents:

OAR-1 Report Number: MP2-2R18

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: *Rick H. Zuber*  
ISI Program Owner

Date: 07/30/08

Reviewed By: *W. A. Weseman*  
Independent Review

Date: 7/31/2008

Reviewed By: *Elizabeth G. 15 WGL*  
Authorized Nuclear Inservice Inspector

Date: 08/01/2008

### FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number MP2-2R18

Plant Millstone Nuclear Power Station, Rope Ferry Road, Waterford, Connecticut 06385  
(Name and Address of Plant)

Unit Number 2 Commercial Service Date 12/26/1975 Refueling Outage Number 18  
(if applicable)

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

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

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

Date and Revision of Inspection Plan 12/10/2007 Revision 2, Change 6

Edition and Addenda of Section XI Applicable to repairs/replacement, if Different than the inspection plans 1998 Edition, No Addenda

Code Cases used: N-416-3, N-491-2, N-532-4

#### CERTIFICATE OF CONFORMANCE

I certify that (a) the statements made in this Owner's Activity Report are correct; (b) the examinations and tests meet the Inspection Plan as required by ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of 2R18 conform to the requirements of Section XI.

Signed *Mike A. Juley* ISI Program Owner Date 07/30/08  
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.

*Elyse G. Smith* Commissions NS 9384, CT 1137, A.N.I.C  
Inspectors Signature National Board, State, Province and Endorsements

Date August 01, 2008

**Table 1**  
**ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT**  
**REQUIRED EVALUATION FOR CONTINUED SERVICE**  
 (Page 1 of 1)

Examination Category and Item Number	Item Description	Evaluation Description
F-A / F1.30	Pipe support 427102	Spring load setting evaluated by engineering as acceptable for continued service
F-A / F1.10	Pipe Support 410110	Spring load setting evaluated by engineering as acceptable for continued service
F-A / F1.10	Pipe support 491412-P	Loose pipe clamp bolt evaluated by engineering as acceptable for continued service. Bolt replaced to restore support to design condition.
F-A / F1-10	Pipe support 410055	Incomplete thread engagement of bolted connection evaluated by engineering as acceptable for continued service.
F-A / F1.10	Pipe support 408023	Loose pipe clamp lock nut evaluated by engineering as acceptable for continued service. Lock nut tightened to restore support to design condition.
F-A / F1.10	Pipe support 410044	Incomplete thread engagement of bolted connection evaluated by engineering as acceptable for continued service.
F-A / F1.20	Pipe support 412012	Spring load setting evaluated by engineering as acceptable for continued service
F-A / F1.10	Pipe support 410038	Gap between support base plate and wall evaluated by engineering and found to be acceptable
B-G-2 / B7.70	Bolting for valve 2-SI-225	Evidence of coolant leakage in the form of boric acid deposits evaluated in accordance with Code Case N-566-2 and found to be acceptable for continued service.

Table 2  
**ABSTRACT OF REPAIR / REPLACEMENT ACTIVITIES  
 REQUIRED FOR CONTINUED SERVICE**  
 (Page 1 of 1)

Code Class	Item Description	Description of Work	Date Completed	Repair/ Replacement Plan Number
3	P15 and P21 Service Water piping spool pieces	Perform weld repairs to spool piece flanges	12/10/2007	M20600432
3	P18 Service Water piping spool piece	Perform weld repairs to spool piece flanges	12/10/2007	M20600433
2	Charging pump P18CP	Replace cylinder block assembly	06/18/2007	M20704329