

Dominion Nuclear Connecticut, Inc.
 Millstone Power Station
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DominionSM

OCT 09 2009

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

Serial No. 09-376A
 NSSL/RWM R0
 Docket No. 50-336
 License No. DPR-65

DOMINION NUCLEAR CONNECTICUT, INC.
MILLSTONE POWER STATION UNIT 2
SUPPLEMENT TO REQUEST RR-89-61 REVISION 2, ALTERNATIVE REPAIR AND
MITIGATION REQUIREMENTS FOR STRUCTURAL WELD OVERLAYS

In a letter dated July 23, 2009, Dominion Nuclear Connecticut, Inc. (DNC) requested U.S. Nuclear Regulatory Commission (NRC) review and approval of Request RR-89-61, Revision 2, for alternative requirements to apply dissimilar metal structural weld overlays (SWOLs) at Millstone Power Station Unit 2 (MPS2). This letter provides supplemental information to describe the SWOLs already installed during the MPS2 Refueling Outage 18 (2R18) in spring 2008, and those SWOLs which are planned to be installed during 2R19 in fall 2009. Table 1 below also identifies the two SWOLs that were deferred from 2R18 to 2R19 due to considerations of dose, and two previously planned SWOLs that no longer are planned for 2R19 because the locations were determined to be inspectable.

TABLE 1: AFFECTED WELDS SUMMARY

Dissimilar Metal Welds (DMWs)	Adjacent SS Weld	Location	Notes
BPS-C-1001	BPS-C-1003	12-inch Hot Leg Surge Nozzle Loop 1	1
BSD-C-2001	BSD-C-2003	12-inch Hot Leg Shutdown Cooling Loop 2	1
BSI-C-1001	BSI-C-1003	12-inch Cold Leg Safety Injection (SI) Loop 1A	2
BSI-C-2001	BSI-C-2003	12-inch Cold Leg SI Loop 2A	1
BSI-C-3000	BSI-C-3002	12-inch Cold Leg SI Loop 1B	2, 4
BSI-C-4000	BSI-C-4002	12-inch Cold Leg SI Loop 2B	2
BCH-C-1001	BCH-C-1003	2-inch Cold Leg Charging Loop 1A	1
BCH-C-2001	BCH-C-2003	2-inch Cold Leg Charging Loop 2A	2
BPY-C-1001	BPY-C-1003	3-inch Cold Leg Spray Line Loop 1A	2, 4
BPY-C-3000	BPY-C-3002	3-inch Cold Leg Spray Line Loop 1B	2
BPD-C-1001	BPD-C-1003	2-inch Hot Leg Drain Line Loop 1	3
BPD-C-1017	BPD-C-1019	2-inch Cold Leg Drain Line Loop 1A	2
BPD-C-2001	BPD-C-2003	2-inch Cold Leg Drain Line Loop 2A	2
BPD-C-3000	BPD-C-3002	2-inch Cold Leg Drain Line Loop 1B	2
BPD-C-4000	BPD-C-4002	2-inch Cold Leg Letdown Line Loop 2B	3

Notes:

1. These four (4) SWOLs were installed during 2R18 using provisions of the Revision 1 to Request RR-89-61.
2. These nine SWOLs are planned for 2R19.
3. The location is inspectable with Code-compliant ultrasonic testing (UT) techniques. Consequently, this SWOL is no longer planned.
4. As-Low-As-Reasonably-Achievable dose considerations prompted DNC to modify the schedule plans for these two SWOLs from 2R18 to 2R19.

ADD 1
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2/12/09

Should you have any questions about the information provided or require additional information, please contact Mr. William D. Bartron at (860) 444-4301.

Sincerely,

A handwritten signature in black ink, appearing to read 'A. J. Jordan', with a long horizontal flourish extending to the right.

A. J. Jordan
Site Vice President – Millstone

Commitments made by this letter: None

cc: U.S. Nuclear Regulatory Commission
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