

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



March 24, 2005

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

Serial No.: 04-279B  
NL&OS/PRW Rev 0  
Docket No.: 50-336  
License No.: DPR-65

**DOMINION NUCLEAR CONNECTICUT, INC. (DNC)**  
**MILLSTONE POWER STATION, UNIT 2**  
**10 CFR 50.55A SUPPLEMENT TO REQUEST RR-89-50 ALTERNATIVE**  
**TEMPER BEAD WELDING REQUIREMENTS FOR PRESSURIZER WELD**  
**PAD DEPOSITS**

In a letter dated June 14, 2004, and revised in a letter dated January 26, 2005, Dominion Nuclear Connecticut, Inc. (DNC), requested approval to use alternatives to the requirements of the American Society of Mechanical Engineers (ASME) Code, Section XI, 1998 Edition, "Alternative Welding Requirements of IWA-4600." Specifically, DNC proposed the use of temper bead welding requirements similar to those of ASME Code Case N-638, which is currently approved for use in accordance with U.S. NRC Regulatory Guide 1.147, Revision 13. In a phone conference with the NRC on March 17, 2005, it was determined that a clarification to Section 4.0, "EXAMINATION," Paragraph a. of Enclosure 1 to Request RR-89-50 was necessary. Accordingly, prior to applying a weld pad deposit, DNC will perform an ultrasonic examination in accordance with NB-5244 and a liquid penetrant examination of the area to be welded and a band around the area of at least 1-1/2 times the component thickness or 5-inches, whichever is less.

If you should have any questions regarding this submittal, please contact Mr. Paul R. Willoughby at (804) 273-3572.

Very truly yours,

Eugene S. Grecheck  
Vice President – Nuclear Support Services

A047

Commitments contained within this letter: None.

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