



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

December 1, 2009

Mr. David A. Heacock  
President and Chief Nuclear Officer  
Dominion Nuclear Connecticut, Inc.  
Innsbrook Technical Center  
5000 Dominion Boulevard  
Glen Allen, VA 23060-6711

SUBJECT: MILLSTONE POWER STATION, UNIT NO. 3 – REQUEST FOR ADDITIONAL  
INFORMATION REGARDING THIRD 10-YEAR INTERVAL INSERVICE  
INSPECTION PROGRAM RELIEF REQUEST IR-3-01 (TAC NO. ME1254)

Dear Mr. Heacock:

By letter dated April 28, 2009 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML091310666), Dominion Nuclear Connecticut, Inc. (DNC), submitted relief request IR-3-01 for Millstone Power Station, Unit No. 3 (MPS3). DNC requested relief from certain examination requirements of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code), Section XI, and proposed alternative examination criterion for the third 10-year in-service inspection interval which began on April 23, 2009, and ends on April 22, 2019. IR-3-01 requests alternatives to the examination and testing requirements of Code Class 1, 2, 3, and MC Snubbers. To complete its review, the Nuclear Regulatory Commission staff requests responses to the enclosed questions.

The draft questions were sent to Mr. William Bartron, of your staff, to ensure that the questions were understandable, the regulatory basis for the questions was clear, and to determine if the information was previously docketed. On November 19, 2009, Mr. Muhamed Elmaghrabi, of your staff, agreed that you would provide a response by December 18, 2009.

If you have any questions regarding this matter, please contact me at 301-415-1603.

Sincerely,

A handwritten signature in black ink, appearing to read "Carleen J. Sanders".

Carleen J. Sanders, Project Manager  
Plant Licensing Branch I-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-423

Enclosure:  
As stated

cc w/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION

RELIEF REQUEST NO. IR-3-01 SNUBBER INSPECTION AND TESTING

THIRD 10-YEAR INSERVICE INSPECTION INTERVAL

DOMINION NUCLEAR CONNECTICUT, INC

MILLSTONE POWER STATION, UNIT NO. 3

DOCKET NO. 50-423

By letter dated April 28, 2009 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML091310666), Dominion Nuclear Connecticut, Inc. (DNC or the licensee), submitted relief request IR-3-01 for Millstone Power Station, Unit No. 3 (MPS3). DNC requested relief from certain examination requirements of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code), Section XI, and proposed alternative examination criterion for the third 10-year in-service inspection (ISI) interval which began on April 23, 2009, and ends on April 22, 2019. IR-3-01 requests alternatives to the examination and testing requirements of Code Class 1, 2, 3, and MC Snubbers. To complete its review, the Nuclear Regulatory Commission (NRC) staff requests responses to the questions provided below.

1. The licensee requested an alternative to the requirements of IWF-5300 of Article IWF-5000. Article IWF-5000 also contains requirements for snubber preservice examinations and tests in IWF-5200. Please explain how the requirements of IWF-5200(a), (b), and (c) will be met.
2. The second paragraph of Section 5 of IR-3-01 states that "An alternative schedule for visual inspections has been developed that maintains the same confidence level as the existing schedule and generally will allow performance of inspections and corrective actions during plant outages. This schedule is given in [TS] Table 4.7-2 [Snubber Visual Inspection Interval], invoked from MPS3 TS 4.7.10.b. Because it will reduce future occupational radiation exposure and is highly cost effective, this is consistent with NRC policy." Please explain how TS Table 4.7-2 meets the schedule as specified in OM-4.
3. IWF-5000, Subarticle IWF-5400, "Repairs and Replacement," requires that repair or replacement of snubbers shall be in accordance with IWA-4000 and that repaired or replacement snubbers shall be examined and tested in accordance with the applicable requirements of Subarticle IWF-5200 prior to return to service. Please explain how MPS3, TS SR 4.7.10, meets the requirements of IWF-5400.
4. Please explain how snubber functional tests, in accordance with MPS3 TS Figure 4.7-1, as specified in TS SR 4.7.10.e(2), meets the functional test requirements of the "37 testing sample plan" Figure C1 of Appendix C of the OMa-1988.
5. MPS3 TS SR 4.7.10.e uses functional testing sample plans: (1) 10% sample plan; (2) sample plan based on Figure 4.7-1; and (3) 55 sample plan. Please explain when using Figure 4.7-1 (see question 5 above) or the 55 sample plan, that the additional sampling

Enclosure

of at least one-half the size of the initial sample lot requirement of Section 3.2.3.2(b) of the OM-4 will be met.

7. The requested alternative and TS SR 4.7.10 do not address the requirements of OM-4, Section 3.2.4, related to functional testing of snubbers, specifically Section 3.2.4.2, "Test Failure Mode Groups." Please explain how the MPS3 TS meets this requirement.
8. The applicable Code for the MPS3 ISI program is ASME Section XI, 2004 Edition. Please explain how MPS3 meets the requirements of IWA-6230, "Summary Report Preparation," for snubber visual examination and testing.

December 1, 2009

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Sincerely,  
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Carleen J. Sanders, Project Manager  
Plant Licensing Branch I-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

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As stated

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