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OFFICE OF NUCLEAR REACTOR REGULATION

REQUEST FOR ADDITIONAL INFORMATION

RELIEF REQUEST RR-04-04

USE OF ALTERNATIVE PRESSURE TESTING CRITERIA FOR
THE SYSTEM LEAKAGE TEST CONDUCTED AT OR NEAR THE END
OF THE INSPECTION INTERVAL ON CLASS 1 PIPING

MILLSTONE POWER STATION, UNIT NO. 2

DOCKET NUMBER: 50-336

By letter dated July 29, 2010, as supplemented by letter dated August 5, 2010 (Agencywide Document Access and Management System (ADAMS) Accession Nos. ML102580204 and ML102220527, respectively), Dominion Nuclear Connecticut, Inc. (DNC or the licensee), submitted relief requests for the fourth 10-year inservice inspection (ISI) interval program at Millstone Power Station, Unit No. 2 (MPS2). DNC requested the use of alternatives to certain American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code), Section XI requirements. Included in this request was Relief Request RR-04-04, "Use of Alternative Pressure Testing Criteria for the System Leakage Test Conducted at or Near the End of the Inspection Interval on Class 1 Piping" requesting alternative pressure testing criteria for three different Component Groups of Class 1 piping segments. The request is for the fourth 10-year ISI interval which began on April 1, 2010, and is scheduled to end on March 31, 2020

The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the information provided by the licensee in request RR-04-04 and has determined that the following additional information is needed in order to complete the review.

1. The descriptions for piping segments M2-15 through M2-33 differ from those in the previous Relief Request dated August 17, 2006 (ADAMS Accession Number ML062400421). Piping segments M2-15 through M2-17 of the previous Relief Request are missing from the current Relief Request. Confirm the correct descriptions, Segment Boundaries and Component Groups for piping segments M2-15 through M2-33.
2. Segment M2-14 of the current Relief Request, PZR Relief Line Vent, has different Segment Boundaries (2-RC-050 to 2-RC-051) than it had in the previous Relief Request dated August 17, 2006, (2-RC-021 to 2-RC-421). Confirm the correct Segment Boundaries.

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3. Code Case N-731, "Alternative Class 1 System Leakage Test Pressure Requirements Section XI, Class 1," was accepted for use in Regulatory Guide 1.147, Revision 16, in October 2010. Do the Component Group 2 segments (LPSI headers) meet the requirements of Code Case N-731?

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