



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

March 16, 2011

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. 2 – REQUEST FOR ADDITIONAL
INFORMATION REGARDING PRESSURE TESTING REQUIREMENTS FOR
SERVICE WATER SYSTEM BURIED PIPING SYSTEMS (TAC NO. ME4472)

Dear Mr. Heacock:

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-04-05, which requests the use of alternative pressure testing requirements for service water system buried 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. To complete its review, the Nuclear Regulatory Commission staff requests responses to the enclosed questions. The other relief requests contained in the July 29, 2010, request are being reviewed separately.

The draft questions were sent to Ms. Wanda Craft, 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 March 16, 2011, Ms. Craft agreed that you would provide a response by April 27, 2011.

If you have any questions regarding this matter, please contact me at 301-415-3204.

Sincerely,

A handwritten signature in black ink, reading "John D. Hughey", is positioned above the typed name.

John D. Hughey, Project Manager
Plant Licensing Branch I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-336

Enclosure:
As stated

cc w/encl: Distribution via Listserv

OFFICE OF NUCLEAR REACTOR REGULATION

REQUEST FOR ADDITIONAL INFORMATION

RELIEF REQUEST RR-04-05

USE OF ALTERNATIVE PRESSURE TESTING REQUIREMENTS FOR

SERVICE WATER SYSTEM BURIED PIPING SEGMENTS

DOMINION NUCLEAR CONNECTICUT, INC.

MILLSTONE POWER STATION, UNIT NO. 2

DOCKET NO. 50-336

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The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the information provided by the licensee in request RR-04-05 and has determined that the following additional information is needed in order to complete the review.

1. The Piping and Instrument Diagram (P&ID) that is included with the relief request shows buried piping and four flow elements in grid coordinate C-13.
 - a. Is the buried piping indicated in grid coordinate C-13 the only piping being covered in this relief request, or is the 24"-KE-1 piping (flagged on the P&ID) in tunnels also being covered?
 - b. Are the flow elements downstream of the buried piping in grid coordinate C-13 the flow elements used for pump inservice testing (IST) surveillance?
 - c. Are there piping segments, covered by this relief request, that are downstream of the flow elements used for pump IST surveillance and, if so, what means will be used to detect pipe leakage in these segments?
2. What is the total length of 24"-KE-1 piping considered in this relief request?
3. Provide a brief summary of the 24"-KE-1 lining inspection results and pipe leak history.

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Sincerely,

/ra/

John D. Hughey, Project Manager
Plant Licensing Branch I-2
Division of Operating Reactor Licensing
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*By email dated

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