

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



Dominion™

SEP 6 2002

Docket No. 50-336
B18746

RE: GL 96-06

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

Millstone Power Station, Unit No. 2
Response to a Request for Additional Information
Regarding Resolution of Issues Related to Generic Letter 96-06

This letter provides Dominion Nuclear Connecticut, Inc. (DNC) response to a request for additional information regarding the resolution of issues related to Generic Letter (GL) 96-06⁽¹⁾ for Millstone Unit No. 2. GL 96-06 included a request for Licensees to evaluate cooling water systems that service Containment air coolers to assure that they are not vulnerable to water hammer and two-phase flow conditions. By letters dated October 30, 1996,⁽²⁾ January 28, 1997,⁽³⁾ January 12, 1999,⁽⁴⁾ and July 11, 2001,⁽⁵⁾ responses to the requested actions of GL 96-06 were provided for Millstone Unit No. 2. As discussed in our submittals, the RELAP5 computer code was used to evaluate water hammer in the Reactor Building Closed Cooling Water (RBCCW) System for Millstone Unit No. 2.

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- (1) T. T. Martin letter to Licensees, Generic Letter, 96-06, "Assurance of Equipment Operability and Containment Integrity During Design-Basis Accident Conditions," dated September 30, 1996.
- (2) T. C. Feigenbaum letter to U.S. Nuclear Regulatory Commission, "Millstone Nuclear Power Station, Unit Nos. 1, 2 and 3, Haddam Neck Plant, Seabrook Station, Response to Generic Letter 96-06," dated October 30, 1996.
- (3) M. L. Bowling letter to U.S. Nuclear Regulatory Commission, "Millstone Nuclear Power Station, Unit No. 2, Response to Requested Actions of Generic Letter 96-06," dated January 28, 1997.
- (4) M. L. Bowling letter to U.S. Nuclear Regulatory Commission, "Millstone Nuclear Power Station, Unit No. 2, Responses to the Request for Additional Information Regarding Resolution of Issue Related to Generic Letter 96-06 (TAC No. M96833)," dated January 12, 1999.
- (5) J. A. Price Letter to U.S. Nuclear Regulatory Commission, "Millstone Nuclear Power Station, Unit Nos. 2 and 3, Response to a Request for Additional Information Regarding Resolution of Issues Related to Generic Letter 96-06," dated July 11, 2001.

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During a July 9, 2002, conference call with DNC, the NRC stated that the RELAP5 computer code is not an appropriate method for evaluating water hammer. This is because the code uses a nodal solution that is incapable of tracking individual water slugs in horizontal pipes. Instead, the NRC stated that the method included in EPRI Report TR-113594 was acceptable for evaluating water hammer events and the NRC has approved the EPRI Report.⁽⁶⁾

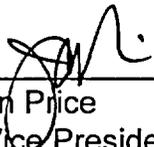
DNC has determined to use the methodology included in EPRI Report TR-113594 for addressing the GL 96-06 water hammer issue for Millstone Unit No. 2. We will be providing the supplemental information for addressing the GL 96-06 water hammer issue using the EPRI method by June 15, 2003.

The Regulatory Commitments contained in this letter are located in Attachment 1.

If you should have any questions regarding this submittal, please contact Mr. Ravi Joshi at (860) 440-2080.

Very truly yours,

DOMINION NUCLEAR CONNECTICUT, INC.



J. Alan Price
Site Vice President - Millstone

Lorrie A. Arzamarski
Notary Public
Commission Expires
February 28, 2006

Sworn to and subscribed before me
this 10th day of September, 2002

Lorrie A. Arzamarski
Notary Public

My Commission expires 2/28/06

Attachment (1)

cc: See next page



⁽⁶⁾ John Hammer of NRC to V. Wagonor, Chairman, EPRI Water Hammer Project Utility Advisory Group, "NRC Acceptance of EPRI Report TR-113594, Resolution of Generic Letter 96-06 Water Hammer Issues, Volumes 1 and 2," dated April 2, 2002.

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cc: H. J. Miller, Region I Administrator
R. B. Ennis, NRC Senior Project Manager, Millstone Unit No. 2
NRC Senior Resident Inspector, Millstone Unit No. 2

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Attachment 1

Millstone Power Station, Unit No. 2
Response to a Request for Additional Information
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List of Regulatory Commitments

List of Regulatory Commitments

The following Table identifies action committed to by Dominion Nuclear Connecticut, Inc. (DNC) in this document.

Number	Commitment	Due
B18746-01	DNC will be providing supplemental information for addressing the GL 96-06 Water hammer issue using the methodology included in EPRI Report TR-1135943	By June 15, 2003