

Mr. Martin L. Bowling, Jr.
 Recovery Officer - Technical Services
 Northeast Nuclear Energy Company
 c/o Ms. Patricia A. Loftus
 Director - Regulatory Affairs
 P.O. Box 128
 Waterford, CT 06385

May 20, 1998

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING GENERIC LETTER 97-04, "ASSURANCE OF SUFFICIENT NET POSITIVE SUCTION HEAD FOR EMERGENCY CORE COOLING AND CONTAINMENT HEAT REMOVAL PUMPS," AT THE MILLSTONE NUCLEAR POWER STATION, UNIT NO. 2 (TAC NO. MA0010)

Dear Mr. Bowling:

The NRC staff issued Generic Letter (GL) 97-04, "Assurance of Sufficient Net Positive Suction Head for Emergency Core Cooling and Containment Heat Removal Pumps," on October 7, 1997. The GL requested that licensees provide information necessary to confirm the adequacy of the net positive suction head available for emergency core cooling and containment heat removal pumps. By letter dated January 5, 1998, as submitted on February 11, 1998, Northeast Nuclear Energy Company (NNECO) submitted a 30-day response to GL 97-04. The staff has reviewed NNECO's response, and has determined that additional information is necessary. Please provide the enclosed request for additional information within 30 days from the date of this letter.

If you should have any questions regarding this request, please contact me at (301) 415-1408.

Sincerely,

Original signed by:

Daniel G. McDonald Jr., Senior Project Manager
 Special Projects Office - Licensing
 Office of Nuclear Reactor Regulation

Docket No. 50-336

Enclosure: As stated

cc w/encl: See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

May 20, 1998

Mr. Martin L. Bowling, Jr.
Recovery Officer - Technical Services
Northeast Nuclear Energy Company
c/o Ms. Patricia A. Loftus
Director - Regulatory Affairs
P.O. Box 128
Waterford, CT 06385

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING GENERIC LETTER 97-04, "ASSURANCE OF SUFFICIENT NET POSITIVE SUCTION HEAD FOR EMERGENCY CORE COOLING AND CONTAINMENT HEAT REMOVAL PUMPS," AT THE MILLSTONE NUCLEAR POWER STATION, UNIT NO. 2 (TAC NO. MA0010)

Dear Mr. Bowling:

The NRC staff issued Generic Letter (GL) 97-04, "Assurance of Sufficient Net Positive Suction Head for Emergency Core Cooling and Containment Heat Removal Pumps," on October 7, 1997. The GL requested that licensees provide information necessary to confirm the adequacy of the net positive suction head available for emergency core cooling and containment heat removal pumps. By letter dated January 5, 1998, as supplemented on February 11, 1998, Northeast Nuclear Energy Company (NNECO) submitted its 90-day response to GL 97-04. The staff has reviewed NNECO's response, and has determined that additional information is necessary. Please provide the enclosed request for additional information within 30 days from the date of this letter.

If you should have any questions regarding this request, please contact me at (301) 415-1408.

Sincerely,

A handwritten signature in black ink, appearing to read "Daniel G. McDonald Jr.", written in a cursive style.

Daniel G. McDonald Jr., Senior Project Manager
Special Projects Office - Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-336

Enclosure: As stated

cc w/encl: See next page

REQUEST FOR ADDITIONAL INFORMATION

GENERIC LETTER (GL) 97-04

MILLSTONE NUCLEAR POWER STATION, UNIT 2

DOCKET NO. 50-336

The following information is needed for the staff to complete its review of NNECO's responses to GL 97-04, "Assurance of Sufficient Net Positive Suction Head for Emergency Core Cooling and Containment Heat Removal Pumps," dated October 7, 1997.

1. What is the maximum sump temperature assumed in the high pressure safety injection (HPSI) and the low pressure safety injection net positive suction head (NPSH) analyses?
2. What is the NPSH required, and NPSH available for HPSI? Provide the actual numbers.
3. In the GL response dated January 5, 1998, the NPSH required and NPSH available for the containment spray pumps was provided based on subcooled sump water temperature. What is the subcooled sump temperature that was used?
4. In a letter dated February 11, 1998, the NPSH required and NPSH available for the containment spray pumps was provided based on saturated conditions of 212 degrees. Which NPSH analysis for containment spray is considered to be the Millstone 2 licensing basis?

Enclosure

Millstone Nuclear Power Station
Unit 2

cc:

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Millstone Nuclear Power Station
Unit 2

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