



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

June 4, 1998

Mr. John H. Mueller
Chief Nuclear Officer
Niagara Mohawk Power Corporation
Nine Mile Point Nuclear Station
Operations Building, Second Floor
Lycoming, NY 13093

SUBJECT: COMPLETION OF LICENSING ACTION FOR GENERIC LETTER 97-04, NINE MILE POINT NUCLEAR STATION, UNIT NO. 2 (TAC NO. MA0014)

Dear Mr. Mueller:

On October 7, 1997, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 97-04, "Assurance of Sufficient Net Positive Suction Head for Emergency Core Cooling and Containment Heat Removal Pumps," to all holders of operating licenses or construction permits. The NRC issued GL 97-04 to confirm the adequacy of the net positive suction head (NPSH) available for emergency core cooling (including core spray and decay heat removal) and containment heat removal pumps under all design-basis accident scenarios.

In GL 97-04, the NRC staff specifically requested that licensees provide the following information for each of their nuclear power plants:

1. Specify the general methodology used to calculate the head loss associated with the ECCS suction strainers.
2. Identify the required NPSH and the available NPSH.
3. Specify whether the current design-basis NPSH analysis differs from the most recent analysis reviewed and approved by the NRC for which a safety evaluation was issued.
4. Specify whether containment overpressure (i.e., containment pressure above the vapor pressure of the sump or suppression pool fluid) was credited in the calculation of available NPSH. Specify the amount of overpressure needed and the minimum overpressure available.
5. When containment overpressure is credited in the calculation of available NPSH, confirm that an appropriate containment pressure analysis was done to establish the minimum containment pressure.

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June 4, 1998

J. H. Mueller

- 2 -

You responded to GL 97-04 by letter dated December 30, 1997, for Nine Mile Nuclear Station, Unit 2 (NMP2). Your response indicates, in part, that you do not take credit for containment overpressure in current NMP2 calculations of NPSH. The NRC staff acknowledges that you also provided NPSH analysis results for item 2 above considering the new Emergency Core Cooling System suction strainers that were installed during the current NMP2 refueling outage, RFO-6.

The NRC staff has reviewed your response and has concluded that all requested information has been provided. Therefore, we consider GL 97-04 to be closed for NMP2. Thank you for your prompt and complete response.

If you have any questions regarding this matter, please contact me by phone at (301) 415-3049 or by electronic mail at dsh@nrc.gov.

Sincerely,

Original Signed by:

Darl S. Hood, Senior Project Manager
Project Directorate I-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-410

cc: See next page

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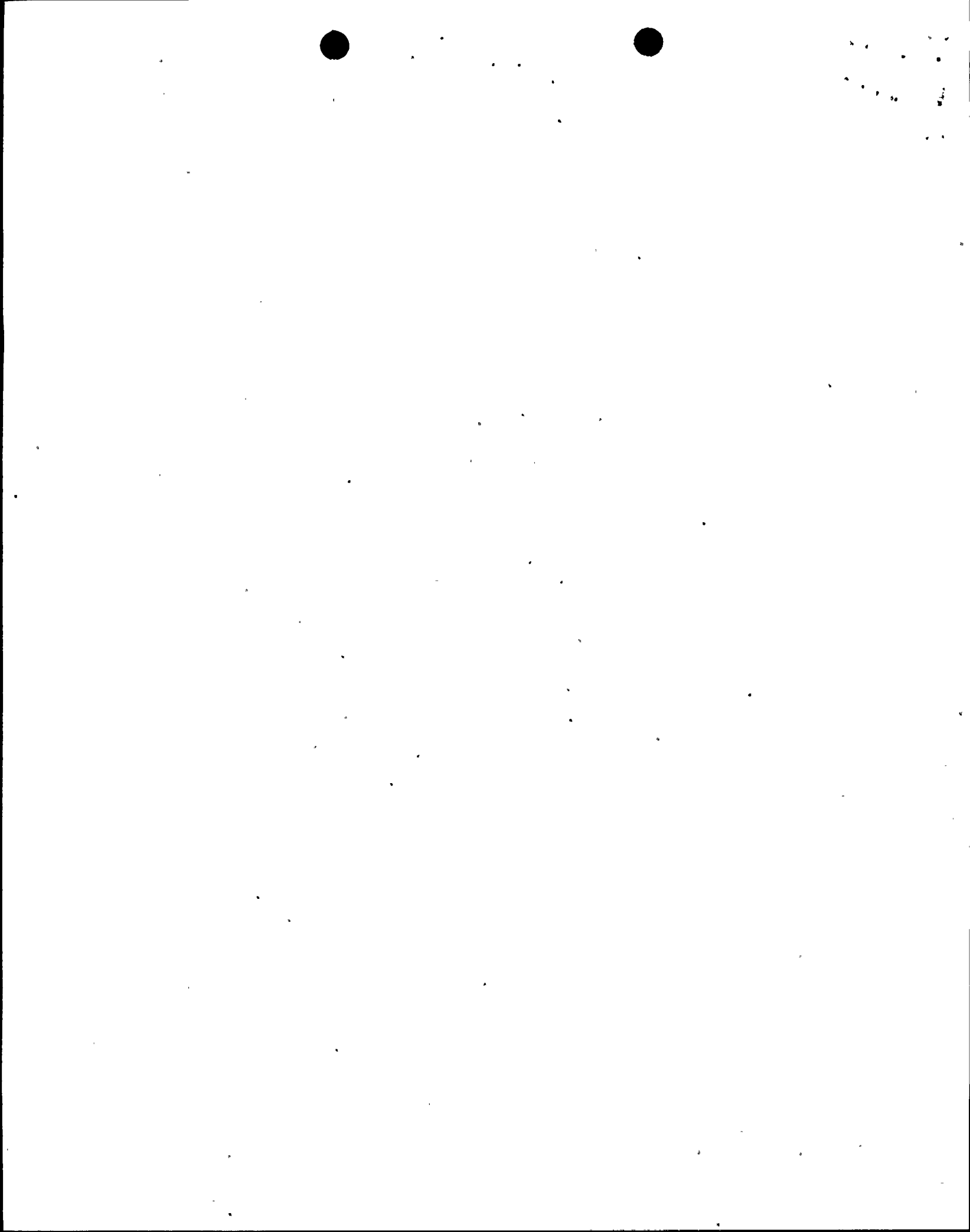
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Darl S. Hood, Senior Project Manager
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Division of Reactor Projects - I/II
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John H. Mueller
Niagara Mohawk Power Corporation

Nine Mile Point Nuclear Station
Unit No. 2

cc:

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