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 AUTH. NAME AUTHOR AFFILIATION
 TERRY, C.D. Niagara Mohawk Power Corp.
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SUBJECT: Forwards "Evaluation of Min Flow Lines for Safety-Related Pumps at Nine Mile Point Unit 2."

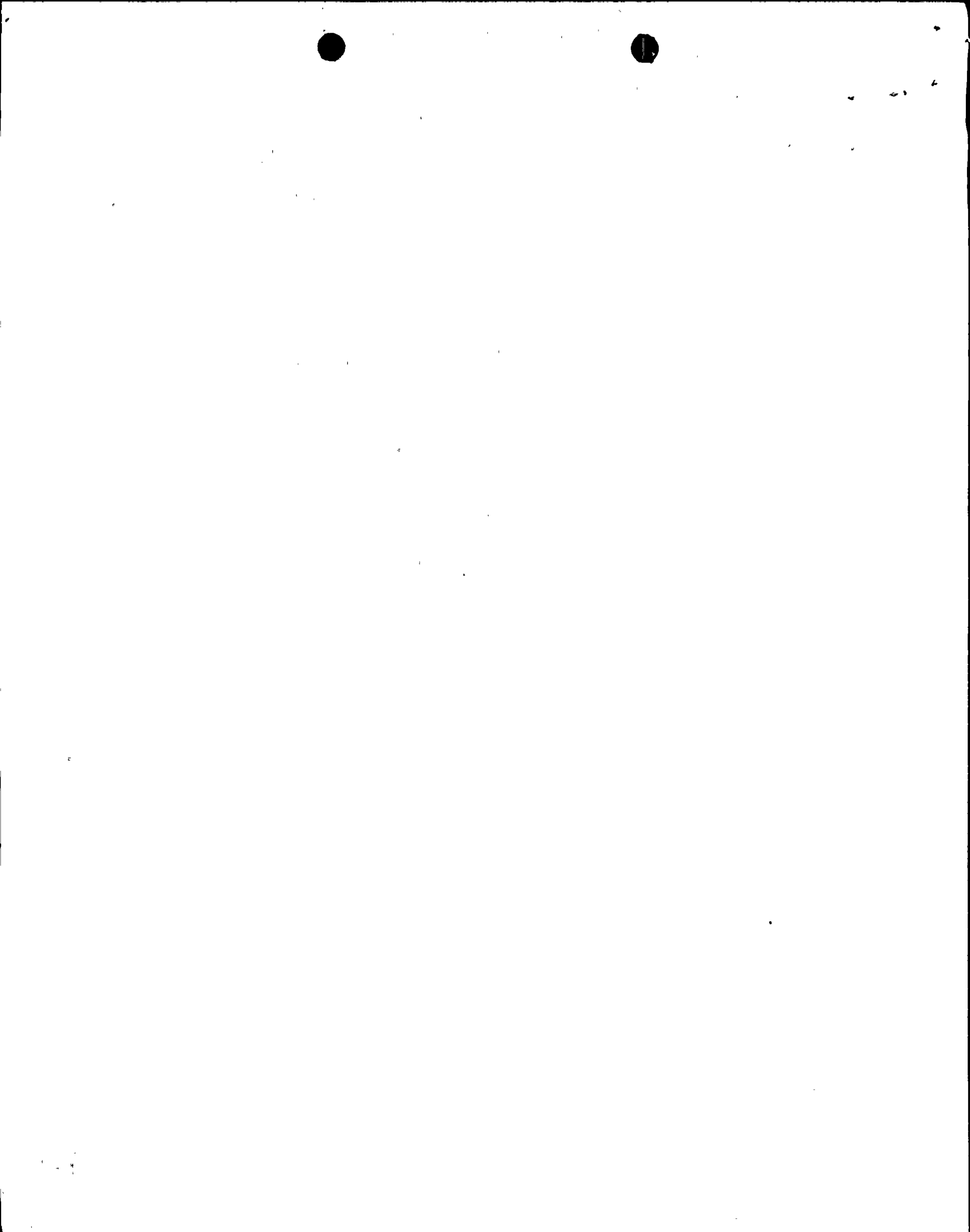
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September 30, 1988
NMP2L 1172U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555Re: Nine Mile Point Unit 2
Docket No. 50-410
NPF-69

Gentlemen:

Our letter of July 7, 1988 (NMP2L 1148), provided a preliminary response to Nuclear Regulatory Bulletin 88-04 regarding minimum flow design concerns for safety-related pumps. In our letter we indicated that further evaluation of Nine Mile Point Unit 2 safety-related pumps was required in conjunction with a review of the BWROG generic response to Bulletin 88-04 transmitted to you on June 29, 1988. This letter provides our final response to Bulletin 88-04 for Nine Mile Point Unit 2.

Attached is a copy of the report, "Evaluation of Minimum Flow Lines for Safety-Related Pumps at Nine Mile Point Unit 2." As requested in Bulletin 88-04, this report addresses the potential for pump dead-heading due to pump-to-pump interactions and the adequacy of installed minimum flow capacity for safety-related systems.

The attached report concludes that Nine Mile Point Unit 2 does not have any safety-related systems with a pump and piping configuration that would result in dead-heading of one or more pumps during minimum flow operation. The report also identifies three safety-related systems with the potential for extended operation in the minimum flow mode. These three systems are the Low Pressure Core Spray (CSL), High Pressure Core Spray (CSH) and Residual Heat Removal (RHS) Systems.

The operating procedures for the CSL and CSH Systems already include cautions for extended operation in the minimum flow mode and make provisions to divert flow from the minimum flow line to the full flow test return line. The report recommends that the operating procedure for the RHS System be revised to add a caution for extended operation in the minimum flow mode.

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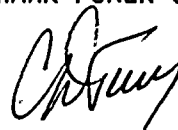


Niagara Mohawk will revise the RHS operating procedure as recommended to minimize operation in the minimum flow mode. This procedure revision is scheduled to be completed by October 31, 1988.

Based on the conclusions contained in the attached report, the minimum flow capacities of the safety-related pumps for Nine Mile Point Unit 2 as originally specified are adequate.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION



C. D. Terry
Vice President
Nuclear Engineering and Licensing

AER/pns
5761G
Attachment

xc: Regional Administrator, Region I
Mr. R. A. Capra, Director
Ms. M. F. Haughey, Project Manager
Mr. W. A. Cook, Resident Inspector
Records Management

