



Northern States Power Company

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Minneapolis, Minnesota 55401-1927
Telephone (612) 330-5500

June 17, 1994

Bulletin 88-04

US Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

MONTICELLO NUCLEAR GENERATING PLANT
Docket No. 50-263 License No. DPR-22

NRC Bulletin 88-04 Response

On May 5, 1988, the NRC Staff issued Bulletin 88-04, " Potential Safety-Related Pump Loss." by letters dated July 7 and December 13, 1988, Monticello Nuclear Generating Plant responded to Bulletin 88-04 and established a schedule to address those issues raised by the bulletin. Monticello committed to the following long term actions:

Prior to January 15, 1989, revise applicable procedures to provide direction to minimize the time that the subject pumps are operated at minimum flow.

Prior to May 1, 1989, provide Operator training to emphasize the need to minimize the time that ECCS pumps are operated at minimum flow.

Prior to June 1, 1989, evaluate the need to take additional corrective actions to address the bulletin concerns.

By letter dated December 28, 1988, the NRC Staff notified the Monticello Nuclear Generating Plant of receipt of the Monticello response to Bulletin 88-04 and closure of NRC action on this issue.

Bulletin 88-04 also requested all addressees to provide a written response describing the actions taken with 30 days of completion of the long-term resolution actions. The Monticello closure letter was not submitted due to a mis-communication resulting from the wording of our December 13, 1988 correspondence and the December 28, 1988 NRC correspondence. The above long term resolution actions were all completed as of May 28, 1989.

Appropriate procedures were revised and training was conducted to ensure that the plant Operators had the necessary guidance and understanding to minimize pump minimum flow operation.

The evaluation of the need to take additional corrective actions determined that no system modifications were necessary and established the following

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course of action to confirm industry experience and pump test data.

Vibration measurements were taken on the Residual Heat Removal and the Core Spray Pumps at nominal and minimum system flows. The test data showed no significant change in pump vibration levels.

An inspection of the pump internals was performed on a sample of the Residual Heat Removal and the Core Spray Pumps during the 1989 Monticello Refueling Outage. No abnormal indications were observed.

These follow-up actions were completed on December 26, 1989. All actions to address NRC Bulletin 88-04 have been completed.

Please contact Marv Engen, Sr Licensing Engineer, at (612) 295-1291 if you require further information.



William J Hill
Plant Manager
Monticello Nuclear Plant

c: Regional Administrator - III, NRC
NRR Project Manager, NRC
Sr Resident Inspector, NRC
State of Minnesota
Attr: Kris Sanda
J Silberg

Attachments: Affidavit to the US Nuclear Regulatory Commission

UNITED STATES NUCLEAR REGULATORY COMMISSION

NORTHERN STATES POWER COMPANY

MONTICELLO NUCLEAR GENERATING PLANT

DOCKET NO. 50-263

Response to NRC Bulletin 88-04 Dated June 17, 1994

Northern States Power Company, a Minnesota corporation, with this letter is submitting information requested by NRC Bulletin 88-04.

This letter contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

By William J Hill
William J Hill
Plant Manager
Monticello Nuclear Plant

On this 17th day of June 1994 before me a notary public in and for said County, personally appeared, William J Hill, Plant Manager, Monticello Nuclear Plant, and being first duly sworn acknowledged that he is authorized to execute this document on behalf of Northern States Power Company, that he knows the contents thereof, and that to the best of his knowledge, information, and belief the statements made in it are true and that it is not interposed for delay.

Judy L. Klapperick

