



Northern States Power Company

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

November 17, 1994

NRC Generic Letter 94-02

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

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

Supplemental Response, NRC Generic Letter 94-02,
"Long-Term Solutions and Upgrade of Interim Operating
Recommendations for Thermal-Hydraulic Instabilities in Boiling Water Reactors"

The purpose of this letter is to provide the completion information for requested action 1.a of NRC Generic Letter 94-02 in accordance with reporting requirement 2 of the Generic Letter. The Generic Letter requested licensees to submit information regarding actions being taken to address thermal-hydraulic instabilities in boiling water reactors. Monticello provided a response to Generic Letter 94-02 by letter dated September 9, 1994.

Requested action 1.a of the Generic Letter states:

Ensure that procedural requirements exist for initiation of a manual scram under all operating conditions when all recirculation pumps trip (or there are no pumps operating) with the reactor in the RUN mode, and ensure that operators are aware of the potential for very large power oscillations and the potential for exceeding core thermal safety limits before automatic protection systems function following the trip of all recirculation pumps (the procedural manual scram is not necessary after long-term solutions are approved and implemented for individual plants.

Reporting requirement 2 of the Generic Letter states:

If the licensee plans to take an action requested, or a substitute action, within thirty (30) days of the completion of the action, inform the NRC, in writing and

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under oath of affirmation, of the action taken and verify its completion or implementation.

In our September 9, 1994 submittal we committed that operating procedures would be revised and operator training provided prior to the end of 1994 to require initiating a manual reactor scram under all circumstances in which there are no recirculation pumps operating while the reactor is in the RUN mode. These actions have been completed.

This letter contains no new NRC commitments.

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



William J Hill
Manager
Monticello Nuclear Generating Plant

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

Attachment: Affidavit to the United States Nuclear Regulatory Commission

UNITED STATES NUCLEAR REGULATORY COMMISSION

NORTHERN STATES POWER COMPANY

MONTICELLO NUCLEAR GENERATING PLANT

DOCKET NO. 50-263

Supplemental Response, NRC Generic Letter 94-02,
"Long-Term Solutions and Upgrade of Interim Operating
Recommendations for Thermal-Hydraulic Instabilities in Boiling Water Reactors"

Northern States Power Company, a Minnesota corporation, hereby provides the 30 day completion information for Requested Action 1.a of Generic Letter 94-02.

This letter contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

By William J Hill

William J Hill

Manager

Monticello Nuclear Generating Plant

On this 17th day of November 1994 before me a notary public in and for said County, personally appeared William J Hill, Manager, Monticello Nuclear Generating 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.

Lila A. Imholte



TRANSMITTAL MANIFEST
NORTHERN STATES POWER COMPANY
NUCLEAR LICENSING DEPARTMENT
MONTICELLO NUCLEAR GENERATING PLANT

Supplemental Response, NRC Generic Letter 94-02,
"Long-Term Solutions and Update of Interim Operating
Recommendations for Thermal-Hydraulic Instabilities in Boiling Water Reactors"

Manifest Date: November 18, 1994

USNRC

Attn: Doc Control Desk

Regional Admin-III, NRC

Beth Wetzell, NRR-FM

Steve Ray, SR Res Insp, NRC

State of Minn

Attn: Kris Sanda

J E Silberg

Monti Document Control File

W J Hill, Plant MGR, SAC, OC

C A Schibonski, GSE, OC

M F Hammer, GSM, OC

J E Windschill, GSRS, OC

M W Onnen, GSO, OC

L E Brehm (LERS & Inspection Rpt)

L H Waldinger, GM MNGP, SAC

D E Larsen, NGSS GSE, OC

L L Nolan, GSSA, OC

B D Day, MGR MTC, OC

Operating Experience Coord

W A Shamla, NQD

R O Anderson, Dir LMI, SAC

T E Amundson, Dir NQD, SAC

E L Watzl, VP Nuc Gen

J K Gilchrist, LMI

*Dan Wegener

*Jeff Olson

*Marv Engen

NL Monti Plant File

USAR File Yes X No

NRC Commitment Yes No X

Response Reminder Yes No X

Monti OC Sec Yes X No 10

Monti SAC Sec Yes X No 6

Monti Posting Yes No X 7*

Ext Comm Dept Yes No X

* Advance Distribution

Correspondence Date : November 17, 1994

NRC Correspondence Manifest Instructions

Document: Supp Resp, NRC GL 94-02

Manifest: M-1

Advance Dist.

Additional Dist:

Delete Dist:

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|-------|--------------------|-------|
| _____ | <u>Dan Wegener</u> | _____ |
| _____ | <u>Jeff Olson</u> | _____ |
| _____ | <u>Mary Enger</u> | _____ |
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Special Manifest Requirements

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|----------------|--------------|-------------|----------------------------------|
| USAR | Yes <u>X</u> | No _____ | (Send copy to Kaleen Hilsenhoff) |
| NRC Commitment | Yes _____ | No <u>X</u> | (Send copy to Steve Ludders) |
| Resp Reminder | Yes _____ | No <u>X</u> | |

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| Resp Start Date _____ | Resp Period _____ | Resp Due Date _____ |
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|---------------|--------------|-------------|---|
| Monti OC Sec | Yes <u>X</u> | No _____ | (10 copies to L Imholt, withhold distribution to OC ID addressees) |
| Monti SAC Sec | Yes <u>X</u> | No _____ | (1 copy to SAC Sec File, 4 Copies to non-NSP SAC members in weekly mailing) |
| Monti Posting | Yes _____ | No <u>X</u> | (7 advance dist copies to J McNabb) |
| Ext comm Dept | Yes _____ | No <u>X</u> | |