



Northern States Power Company

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

September 23, 1992

NRC Bulletin 92-01

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

PRAIRIE ISLAND NUCLEAR GENERATING PLANT  
Docket Nos. 50-282 License Nos. DPR-42  
50-306 DPR-60

Response to NRC Bulletin 92-01, Supplement 1  
Failure of Thermo-Lag 330 Fire Barrier System  
To Perform its Specified Fire Endurance Function

On June 24, 1992, NRC Bulletin 92-01 was received at Prairie Island. The Bulletin required that each licensee submit a written response to questions concerning use of Thermo-Lag at each facility. Based on our evaluation of the information contained in the original Bulletin, all fire barriers where Thermo-Lag fire barrier material is used were declared inoperable on June 24, 1992 and compensatory measures were established.

On August 31, 1992, NRC Bulletin 92-01, Supplement 1, was received at Prairie Island. The Supplement required that each licensee submit a written response to further questions concerning use of Thermo-Lag at each facility.

To comply with the requested actions of NRC Bulletin 92-01, Supplement 1, no changes in our actions are necessary.

Thermo-Lag fire barrier material is used in six individual fire areas at Prairie Island. A once-per-hour roving fire watch was established in response to the original Bulletin. This fire watch covers all six fire areas in which Thermo-Lag fire barrier material is used, regardless of the size of the barrier. This fire watch will be continued until the fire barriers can be declared operable.

The Bulletin also asked for information to help NRC evaluate the cost of complying with the Bulletin. That information follows:

1. Staff time and cost to perform fire watches: 220 hours/week, about \$3000 per week.
2. Staff time and costs to date to prepare documentation: \$89,000.

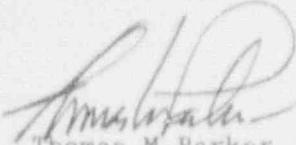
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Please contact us if you have any questions related to our response.



Thomas M Parker  
Manager  
Nuclear Support Services

c: Regional Administrator - Region III, NRC  
Senior Resident Inspector, NRC  
NRR Project Manager, NRC  
J E Silberg

Attachment: Affidavit

UNITED STATES NUCLEAR REGULATORY COMMISSION

NORTHERN STATES POWER COMPANY

PRAIRIE ISLAND NUCLEAR GENERATING PLANT      DOCKET NO. 50-282  
50-306

FAILURE OF THERMO-LAG 330 FIRE BARRIER SYSTEM  
TO PERFORM ITS SPECIFIED FIRE ENDURANCE FUNCTION

Northern States Power Company, a Minnesota corporation, with this letter is submitting information requested by NRC Bulletin 92-01, Supplement 1.

This letter contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

By

  
Thomas M Parker

Manager, Nuclear Support Services

On this 23<sup>rd</sup> day of September 1992 before me a notary public in and for said County, personally appeared Thomas M Parker, Manager, Nuclear Support Services, 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.

