



Northern States Power Company

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July 24, 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
Failure of Thermo-Lag 330 Fire Barrier System
To Maintain Cabling in Wide Cable Trays and
Small Conduits Free from Fire Damage

On June 24, 1992, an advance copy of NRC Bulletin 92-01 "Failure of Thermo-Lag 330 Fire Barrier System to Maintain Cabling in Wide Cable Trays and Small Conduits Free From Fire Damage" was received at Prairie Island. The bulletin required that each licensee submit a written response to questions concerning usage of Thermo-Lag at each facility.

Based on an evaluation of the information contained in this bulletin, several fire barriers were declared inoperable on June 24, 1992 and compensatory measures were established.

We offer the following as our response to the third requested action of Bulletin 92-01 and it also provides the information necessary to satisfy Technical Specification 3.14.G.2., which requires that a special report be submitted to the Commission when an inoperable fire barrier cannot be restored to operable status within 7 days:

Each licensee, within 30 days of receiving this bulletin, is required to provide a written notification stating whether it has or does not have Thermo-Lag 330 fire barrier systems installed in its facilities.

The Prairie Island Nuclear Generating Plant presently uses Thermo-Lag 330 Fire Barrier Systems in six (6) individual fire areas. There are approximately seven hundred (700) linear feet of cable trays and conduits that are protected by the Thermo-Lag materials.

Each licensee who has installed Thermo-Lag 330 fire barriers is required to inform the NRC, in writing, whether it has taken the above actions and is required to describe the measures being taken to ensure or restore fire barrier operability.

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USNRC
July 24, 1992
Page 2

Northern States Power Company

Presently a Special Order has been implemented which directs the site's compensatory actions. These actions include a once per hour roving fire watch covering the six affected fire areas. The Special Order also directs that, in the event that the fire detection system in these areas is rendered or found inoperable, a continuous fire watch will be established in that area. These compensatory actions are consistent with the Prairie Island Nuclear Generating Plant Technical Specifications for Penetration Fire Barriers (TS.3.14.G.2).

Appropriate actions to restore fire barrier operability are being developed through an industry program being coordinated by NUMARC. This program will include establishment of a test database, development of guidance for applicability of tests, development of generic installation guidance, and consideration and coordination of additional testing as appropriate. We will apply the results of these efforts, when completed, to Thermo-Lag installations within the scope of Bulletin 92-01.

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

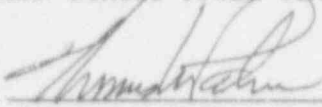
PRAIRIE ISLAND NUCLEAR GENERATING PLANT DOCKET NO. 50-282
50-306

Response to NRC Bulletin 92-01, "Failure of
Thermo-Lag 330 Fire Barrier System to Maintain Cabl'
in Wide Cable Trays and Small Conduits Free From Fire Damage"

Northern States Power Company, a Minnesota corporation, hereby provides the information requested by NRC Bulletin 92-01, titled "Failure of Thermo-Lag 330 Fire Barrier System to Maintain Cabling in Wide Cable Trays and Small Conduits Free From Fire Damage", Pursuant to 10 CFR 50.54(f). Answers to the specific questions asked by the bulletin are provided in attachment 1 to this submittal.

This letter contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

By 
Thomas M Parker
Manager, Nuclear Support Services

On this 24th day of July, 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.

