



Northern States Power Company

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

May 9, 1989

Tech. Spec. 3.14.B.2

Director of Nuclear Reactor Regulation
US 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

Report of Plans for Alternate
Fire Suppression System Redundancy

This letter is being submitted per Technical Specification 3.14.B.2. Technical Specification 3.14.B.2 requires a written report to be submitted within thirty days outlining plans and procedures used to provide for the loss of redundancy in the fire suppression water system. A loss of redundancy must be considered when a fire pump, or screenwash pump is inoperable for more than seven days.

On Tuesday, April 11, 1989, 21 and 22 Circulating Water pump suction bays were isolated and drained. This rendered 121 screenwash pump inoperable. 121 screenwash pump is part of the fire suppression water system. The screenwash pump was out of service for eight days.

To provide assurance of fire suppression water redundancy during this period, both the motor driven and the diesel driven fire pumps were run daily as required by Technical Specification 4.16.B.2 to verify their operability. In addition, the cross-tie to the safety grade cooling water system was available to provide a backup water supply to the fire protection system. These actions would have assured adequate fire protection system redundancy during both normal, and emergency operating situations.

Please contact me if you require additional information.

David Musolf
Manager - Nuclear Support Services

c: Sr NRC Resident Inspector
Regional Administrator, Region III, NRC
NRC NRR Project Manager
G Charnoff

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