



Northern States Power Company

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

September 29, 1988

Director
Office of Nuclear Reactor Regulation
Attn: Document Control Desk
U S Nuclear Regulatory Commission
Washington, D C 20555

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

Removal of Fire Pumps from Service During Maintenance Activities

This report is provided in accordance with Section 3.14.B.2 of the Prairie Island Technical Specifications. This section requires submittal of a report to the Commission outlining plans and procedures to be used to provide for the loss of redundancy in the fire suppression water system whenever fire pump(s) are inoperable for more than seven days.

On Saturday, September 3, 1988 the number 12 circulating water pump suction bay was isolated and drained down to allow replacement of the number 12 circulating water pump impeller and wear rings during this refueling outage. This rendered the 122 diesel driven fire pump inoperable. On Saturday, September 10, 1988 the number 11 circulating water pump suction bay was isolated and drained down to perform the normal inspections and preventative maintenance activities scheduled for this refueling outage. This rendered the 121 motor driven fire pump inoperable. On Wednesday, September 21, 1988 work was completed and the 121 motor driven fire pump and the 122 diesel driven fire pump were returned to service.

To provide assurance of fire suppression water system redundancy during this period, the screen wash pump (back up fire pump) was run daily to verify its operability as required by Technical Specification 4.16.B.2. In addition, seven crossover valves from the safety grade cooling water system were available to provide backup water supply to the fire protection system. This is true even during loss of off-site power.

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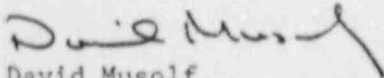
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Please contact us if you have any questions related to the measures taken during these refueling outage activities to provide redundancy of fire suppression water supplies.



David Musolf
Manager - Nuclear Support Services

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