

AUG 17 1984

Docket No. 50-306

Northern States Power Company
ATTN: Mr. C. E. Larson
Director of Nuclear
Generation
414 Nicollet Mall
Minneapolis, MN 55401

Gentlemen:

This refers to the special safety inspection conducted by Messrs. J. E. Hard and P. L. Hartmann of this office during the period June 14 through July 18, 1984 of activities at Prairie Island Nuclear Generating Plant authorized by NRC Operating License No. DPR-60 and to the enforcement conference held at your corporate offices on July 18, 1984.

The enclosed copy of the inspection report discusses the events surrounding the unplanned opening on June 18, 1984 of two valves between the Unit 2 refueling water storage tank and the safety injection pumps with Unit 2 at full power. This activity appears to be in noncompliance with NRC requirements, as specified in the enclosed Appendix. A written response is required. The enclosed inspection report also discusses the question of the operability of turbine driven auxiliary feedwater pump number 22 (22 AFWP). We will consider this question to be an open item until the hydraulic effects analysis discussed in the report has been received and reviewed by us.

As a result of the above events and other personnel errors that occurred since September, 1983, an enforcement conference was held to discuss these matters. During this conference you outlined the program that you had initiated to conduct an independent review of events caused by personnel error. You also informed us of the steps you plan to take to prevent recurrence of personnel related events. We will review your program and your actions during our subsequent inspections. Future events of similar significance will be considered for escalated enforcement actions.

In accordance with 10 CFR 2.790(a), a copy of this letter and the enclosures will be placed in the NRC Public Document Room unless you notify this office, by telephone, within ten days of the date of this letter and submit written application to withhold information contained therein within thirty days of the date of this letter. Such application must be consistent with the requirements of 2.790(b)(1). If we do not hear from you in this regard within the specified periods noted above, a copy of this letter, the enclosures, and your response to this letter will be placed in the Public Document Room.

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The responses directed by this letter (and the accompanying Notice) are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

We will gladly discuss any questions you have concerning this inspection.

Sincerely,

"Original signed by W. D. Shafer"

C. E. Norelius, Director
Division of Reactor Projects

Enclosures:

1. Appendix, Notice of Violation
2. Inspection Report
No. 50-306/84-10(DRP)

cc w/encls:

E. L. Watzl, Plant Manager
DMB/Document Control Desk (RIDS)
Resident Inspector, RIII Prairie
Island
Resident Inspector, RIII Monticello
John W. Ferman, Ph.D.,
Nuclear Engineer, MPCA

RIII

Jackiw/db
08/08/84

RIII

Shafer

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Norelius