

December 1, 1998

Mr. M. Wadley
President, Nuclear Generation
Northern States Power Company
414 Nicollet Mall
Minneapolis, MN 55401

SUBJECT: NRC RADIATION PROTECTION INSPECTION REPORTS 50-282/98022(DRS);
50-306/98022(DRS)

Dear Mr. Wadley:

On November 20, 1998, the NRC completed an inspection at your Prairie Island Nuclear Generating Plant. The enclosed report presents the results of that inspection. The inspection examined activities conducted under your license related to radiation safety and to compliance with the Commission's rules and regulations and with the conditions of your license.

Areas examined during the inspection included surveys for the free release of turbine components, walkdowns within the containment, auxiliary and radwaste buildings, observation of various work activities in progress, shutdown chemistry, and planning to ensure that jobs were conducted to maintain the radiation dose As-Low-As-is-Reasonably-Achievable (ALARA). Within these areas, the inspection consisted of a selective examination of procedures and representative records, observations, and interviews with personnel. No violations of NRC requirements or open items were identified.

Overall, the radiological controls were effective in maintaining a reasonable collective dose for the work being conducted during the Unit 2 refueling outage. The surveys and controls for the free release of turbine components were thorough, and ALARA planning and shutdown chemistry were well implemented. The radiation protection staff and radworker performance was effective, and the minor discrepancies that were identified were addressed promptly by your staff.

In accordance with 10 CFR 2.790 of the NRC's "Rules and Practice," a copy of this letter and its enclosures will be placed in the NRC Public Document Room.

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M. Wadley

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

Sincerely,

Original Signed by Gary L. Shear

Gary L. Shear, Chief
Plant Support Branch 2

Docket Nos.: 50-282; 50-306
License Nos.: DPR-42; DPR-60

Enclosure: Inspection Reports 50-282/98022(DRS); 50-306/98022(DRS)

cc w/encl: Plant Manager, Prairie Island
State Liaison Officer, State of Minnesota
State Liaison Officer, State of Wisconsin
Tribal Council, Prairie Island Dakota Community

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