

December 5, 1997

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

SUBJECT: NRC INSPECTION REPORT 50-282/97020(DRS)

Dear Mr. Wadley:

On November, 19, 1997, the NRC completed an inspection at your Prairie Island, Unit 1, reactor facility. The enclosed report presents the results of that inspection.

The inspection included a review of the Unit 1 steam generator tube inservice inspection activities. The indications identified during steam generator tube eddy current examination were predominantly axially oriented indications located in the tube roll transition in the tubesheet region; indicative of outside diameter stress corrosion cracking. Your effort to evaluate tube integrity by assessing growth rates for this type of cracking by historical eddy current data reviews/comparisons and in situ pressure testing evidenced an aggressive program. Program improvements were noted by the inspectors in the implementation of eddy current procedures for the examination of the steam generator tubing. Improved process techniques were noted in the steam generator tube sleeving repairs.

In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter and the enclosed inspection report will be placed in the NRC Public Document Room.

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

Sincerely,

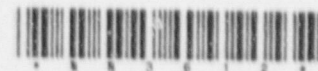
Original Signed By J. A. Grobe

John A. Grobe, Director
Division of Reactor Safety

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Docket No. 50-282
License No. NPF-42

Enclosure: Inspection Report 50-282/97020(DRS)



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John A. Grobe, Director
Division of Reactor Safety

Docket No. 50-282
License Nu. NPF-42

Enclosure: Inspection Report 50-/97021(DRS)

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NAMES	Schapker/sd	Gavula	McCormick-Barger	Grobe
DATE	12/3/97	12/5/97	12/3/97	12/4/97

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M. D. Wadley

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December 5, 1997

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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