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JUN 28 1994

Docket No. 50-282  
Docket No. 50-306

Northern States Power Company  
ATTN: Mr. D. D. Antony  
Vice President, Nuclear  
Generation  
414 Nicollet Mall  
Minneapolis, MN 55401

Dear Mr. Antony:

SUBJECT: ROUTINE RADIATION PROTECTION INSPECTION AT PRAIRIE ISLAND

This refers to the routine safety inspection conducted by Mr. P. L. Loudon of this office, from June 21 through 24, 1994, of activities at the Prairie Island Nuclear Generating Plant, Units 1 and 2, authorized by NRC Operating Licenses No. DPR-42 and No. DPR-60, and to the discussion of our findings with Mr. M. Wadley and other members of your staff at the conclusion of the inspection.

The enclosed copy of our inspection report identifies areas examined during the inspection. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations of activities in progress.

No violations of NRC requirements were identified during the course of this inspection. However, one area discussed in the enclosed report concerns several questions we have regarding the safety evaluation performed for your onsite interim radioactive waste storage facility. We raised several questions regarding the original evaluation performed in the early 1980's as to how operational changes planned for the future may be different than those addressed in the original evaluation. We will review your revised safety evaluation once it is completed to ensure no unreviewed safety questions exist.

Excellent performance was noted with respect to radiological controls in maintaining personnel exposures low during your spring 1994 Unit 1 outage. We recognize your continued excellent performance in this area.

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

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

Sincerely,

"Original signed by J. W. McCormick-Barger"

J. W. McCormick-Barger, Chief  
Radiological Programs Section

Enclosure: Inspection Reports  
No. 50-282/94011(DRSS);  
No. 50-306/94011(DRSS)

cc w/enclosure:  
E. L. Watzl, Site Manager,  
Prairie Island Site  
M. Wadley, Plant Manager  
OC/LFDCB  
Resident Inspector, RIII Prairie  
Island  
Resident Inspector, RIII Monticello  
John W. Ferman, Ph.D.,  
Nuclear Engineer, MPCA  
State Liaison Officer, State  
of Minnesota  
State Liaison Officer, State  
of Wisconsin  
Prairie Island, LPM, NRR

bcc: w/enclosure:  
PUBLIC IE06

RIII  
Jm83  
Louden/jp  
06/28/94

RIII  
yes  
Kropp  
6/28/94

RIII  
JmB  
McCormick-Barger  
6/28/94