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NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

1980 NOV 14 PM 3 23

November 6, 1980

Director
Office of Nuclear Reactor Regulation
U S Nuclear Regulatory Commission
Washington, DC 20555

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket No. 50-282 License Nos. DPR-42
50-306 DPR-60

Schedule for Environmental Qualification Tests

This letter responds to the letter of October 1, 1980 from Mr D G Eisenhut, Director, Division of Licensing, USNRC, in which it is requested that we submit information related to environmental qualification tests to be conducted within the next two years.

It is difficult to report specific information at this time related to the type of equipment requiring testing, the test dates, and test locations for the next two year period. Licensees may not be the best source of this type of information. Perhaps a system which would inform the Division of Licensing on an on-going basis of impending tests could be developed which would involve other elements of the industry as well as licensees.

Qualifications tests to be conducted in the near future for Prairie Island equipment are well defined only for the pressurizer power operated and safety valve monitoring system. The valve monitoring system for the pressurizer power operated relief valves and safety valves is scheduled for environmental testing by a Babcock and Wilcox Owner Group to which we belong. The components to be tested include components in containment and outside containment.

<u>Component Name</u>	<u>Manufacturer</u>	<u>Model</u>	<u>Location</u>
Accelerometer	Endevco	2273AM20	Containment
Hardline Coaxial cable	Endevco	307SM6 0.068 in OD	Containment
Preamplifier	Unholtz-Dickie	22CA-2TR	Containment
Valve Monitor	Unholtz-Dickie	P22MHA-1	Relay Room

These components will be tested by Approved Engineering Test Lab (AETL).

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A brief schedule for the testing of the monitor is as follows:

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|---|--------------------|
| 1. Initial Aging Analysis and Test Lab Test Program | In Progress |
| 2. Test Plan Approval | Late November |
| 3. Begin Testing | December |
| 4. Finish Testing | Early 2nd Qtr 1981 |

L. O. Mayer

L O Mayer, PE
Manager of Nuclear Support Services

LOM/jh

cc J G Keppler
G Charnoff
NRC Resident Inspector