

February 14, 1985

DLR 014

Docket Nos. 50-282
and 50-306

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Mr. D. M. Musolf
Nuclear Support Services Department
Northern States Power Company
414 Nicollet Mall
Midland Square - 4th Floor
Minneapolis, Minnesota 55401

Dear Mr. Musolf:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION: GENERIC LETTER NO. 82-33;
SAFETY PARAMETER DISPLAY SYSTEM (SPDS)

A review of your safety analysis related to SPDS for the Prairie Island Nuclear Generating Plant Unit Nos. 1 and 2, submitted by letter dated April 10, 1984 has been completed. Based on our review of your analysis, we conclude that your SPDS program is acceptable to permit the continued implementation of your program. However, this continued implementation of your SPDS is contingent upon having suitable isolation from electrical and electronic interference for the equipment and sensors used for safety systems. In addition, we request that the following variables be added to the Prairie Island SPDS program.

1. Hot Leg Temperature
2. Steam Generator (or steamline) Radiation
3. Containment Isolation
4. Containment Hydrogen Concentration

The enclosed Safety Evaluation (SE) describes additional information necessary to resolve our concerns related to electrical and electronic isolations and the additional variables in order to complete our evaluation. Therefore, we request that you provide a response to each open item in the enclosed SE within 60 days of your receipt of this letter.

The reporting and/or recordkeeping requirements of this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511

Sincerely,

/s/
James R. Miller, Chief
Operating Reactors Branch No. 3, DL

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PDR ADCK 05000282
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Enclosure:
As stated

cc w/enclosure:
See next page

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Det
ORB#3:DL
JRMiller

2/17/85

Northern States Power Company

cc:

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