

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 FACIL: 50-263 MONTICELLO NUCLEAR GENERATING PLANT, NORTHERN STATES 05000263
 AUTH. NAME AUTHOR AFFILIATION
 MAYER, L.O. NORTHERN STATES POWER CO.
 RECIP. NAME RECIPIENT AFFILIATION
 OFFICE OF NUCLEAR REACTOR REGULATION

SUBJECT: GE'S FAILURE MODE & EFFECTS ANALYSIS & PROPOSAL TO MODIFY
 RPS POWER SUPPLY HAS BEEN REVIEWED. UTIL PLANS TO MODIFY RPS
 POWER SUPPLY PROTECTIVE CIRCUITRY PER CONCEPTUAL DESIGN
 APPROVED IN NRC 790223 LTR. TECH SPEC CHANGES SUBMITTED.

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NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

April 27, 1979

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

MONTICELLO NUCLEAR GENERATING PLANT
Docket No. 50-263 License No. DPR-22

RPS Power Supply Design

Reference (1) Letter, R S Boyd (NRC) to Dr G G Sherwood (GE), 2/23/79

On August 7, 1978, Mr Ippolito requested that Northern States Power Company conduct a review of the Monticello RPS Power Supply to determine if possible deficiencies might exist with respect to unlikely combinations of undetectable (a) single failures, or (b) seismic related malfunctions.

In our letter of October 12, 1978, we stated that additional time was required to conduct a more thorough review of the system and to await the results of General Electric's failure mode and effects analysis. We stated that the information was expected in February 1979.

Subsequently, Mr R Bevan of your staff was notified that the information expected from the NSSS supplier had not been received, thus the planned February submittal date would not be met. We stated that we would submit information after we had received the report and had evaluated the results.

We have now reviewed General Electric's failure mode and effects analysis and a proposal to modify the RPS Power Supply. During the February 1980 refueling outage, we plan to modify the RPS power supply protective circuitry in accordance with the conceptual design recently approved by the NRC (Reference 1).

This summer, we plan to submit technical specification changes consistent with the proposed design modification.

L. O. Mayer

L O Mayer, PE
Manager of Nuclear Support Services

LOM/JAG/deh

cc: G Charnoff

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