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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, Director

SUBJECT: Submits motor generator set room vent duct fire proofing required by fire protection safety evaluation. Main 54 x 30 inch vent duct & 14 x 18 inch duct branching into main duct will be covered with 2-inch layer of pyrocrete 241.

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NOTES: _____

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NORTHERN STATES POWER COMPANY
Minneapolis, Minnesota 55401

June 25, 1980

Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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

MG Set Room Vent Duct Fire Proofing Required
By Fire Protection Safety Evaluation

Sections 3.1.7(3) and 5.15.6 of the Monticello Fire Protection Safety Evaluation Report issued by the NRC Staff on August 29, 1979 contain our commitment to provide a 3 hour rated covering for the vent ducts in fire zone 3A which lead to fire zone 3E and the ventilation equipment above fire zone 3A. Section 3.1 of the report requires that design information related to this modification be reported to the NRC Staff to assure the modification is acceptable. The purpose of this letter is to describe for the Staff the details of the planned modification.

The main 54" x 30" vent duct, along with the 14" x 18" duct branching into the main duct, will be covered with a 2" thick layer of Pyrocrete 241. Additional vent duct supports will be provided to support the added load on the duct. Vent duct supports will also be provided with a 2" coating of Pyrocrete 241 as required to maintain their integrity in the event of a fire. The outside of the duct and the hangers will be covered with an expanded metal lath. The metal lath will be covered with one primer coat of Pyroprep 773 plus one coat of Carboline 190 HB. The Pyrocrete 241 will be applied over the primer.

Please contact us if you require additional information related to this modification.

L. O. Mayer, P. E.
Manager of Nuclear Support Services

cc: J. G. Keppler
G. Charnoff

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