

NSP**NORTHERN STATES POWER COMPANY**

MINNEAPOLIS, MINNESOTA 55401

January 23, 1974

Mr. J F O'Leary
Directorate of Licensing
Office of Regulation
U S Atomic Energy Commission
Washington, DC 20545



Dear Mr. O'Leary:

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

Permanent Plant Changes to Accommodate Equilibrium Core Scram
Reactivity Characteristics

The attached report titled "Permanent Plant Changes to Accommodate Equilibrium Core Scram Reactivity Characteristics, January 1974" provides bases for adoption and implementation of the following proposed changes and modifications during the Spring 1974 refueling outage.

1. Installation of a Prompt Relief Trip System
2. Replacement of spring safety valves with combination safety relief valves.
3. Adoption of more realistic control rod scram times in the Technical Specifications.

This submittal is supplementary to the "Second Reload Submittal" dated November 19, 1973 in that it provides reanalysis of all pertinent transients for a mixed core of 7 x 7 and 8 x 8 fuel and the proposed modifications.

Also included in Appendix B of this submittal is a detailed discussion on the concept of Design and Operational Conservatism Factors (DCF/OCF).

The required Technical Specification changes will be formally submitted in the near future.

We have concluded that the proposed modifications do not involve an unreviewed safety question. The Monticello Operations Committee and Safety Audit Committee have reviewed the submittal.

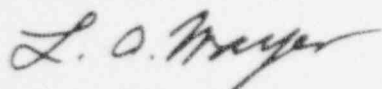
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Our outage has been rescheduled to commence on March 15, 1974 and is expected to conclude within two months of that date. We shall appreciate establishment of a review schedule which will permit resumption of plant operation as planned.

Yours very truly,



L O Mayer, PE
Director of Nuclear Support Services

LOM/DWJ/kn

cc: J G Keppler
G Charnoff
Minnesota Pollution Control Agency
..ttn. E A Pryzina