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Docket No. 50-263

DEC 14 1976

Northern States Power Company
ATTN: Mr. L. O. Mayer, Manager
Nuclear Support Services
414 Nicollet Mall - Eighth Floor
Minneapolis, Minnesota 55401

Gentlemen:

RE: MONTICELLO NUCLEAR GENERATING PLANT

We are reviewing your September 7, 1976 submittal pertaining to operation of the Monticello Nuclear Generating Plant with only one recirculation pump in operation and the equalizer valve closed. We have determined that the additional information identified in the attachment is required to proceed with our review. Your response is requested within 45 days of receipt of this letter.

Sincerely,

Original signed by

Dennis L. Ziemann

Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors

Attachment:
Request for Additional
Information

cc w/enclosure:
See next page

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OFFICE ➤	DOR:ORB #2	DOR:ORB #2				
SURNAME ➤	RPSnaider:ro	DLZiemann				
DATE ➤	12/10/76	12/14/76				

DEC 14 1976

cc w/enclosure:

Gerald Charnoff, Esquire
Shaw, Pittman, Potts and
Trowbridge
1800 M Street, N. W.
Washington, D. C. 20036

Arthur Renquist, Esquire
Vice President - Law
Northern States Power Company
414 Nicollet Mall
Minneapolis, Minnesota 55401

Howard J. Vogel, Esquire
Legal Counsel
2750 Dean Parkway
Minneapolis, Minnesota 55416

Mr. Steve J. Gadler
2120 Carter Avenue
St. Paul, Minnesota 55108

Mr. Kenneth Dzigan
Environmental Planning Consultant
Office of City Planner
Grace Building
421 Wabasha Street
St. Paul, Minnesota 55102

Sandra S. Gardebring, Esquire
Special Assistant Attorney General
Minnesota Pollution Control Agency
1935 W. County Road B2
Roseville, Minnesota 55113

Anthony Z. Roisman, Esquire
Roisman, Kessler and Cashdan
1025 15th Street, N. W., 5th Floor
Washington, D. C. 20005

The Environmental Conservation Library
Minneapolis Public Library
300 Nicollet Mall
Minneapolis, Minnesota 55401

REQUEST FOR ADDITIONAL INFORMATION

MONTICELLO NUCLEAR GENERATING PLANT

DOCKET NO. 50-263

SINGLE LOOP OPERATION (EQUALIZER VALVE CLOSED)

1. The idle loop startup transient has been analyzed in your FSAR from an initial power of 60%. In NEDO-21252, page 4-1, it states that "operation with one recirculation loop results in a maximum power output which is 20 to 30% below that from (sic) which can be attained for two-pump operation." Is 60% power the most severe initial power for the idle loop startup transient analysis? If not, revise the analysis using the most severe initial power level.
2. What effect will reverse flow have on jet pump vibration, specifically risers, supports, and baffle plates?
3. What effect will asymmetric flow have on instrument housings located in the lower plenum?