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Snider

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

December 14, 1976

Docket No. 50-263

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,

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

cc w/enclosure:

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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?