

50-253

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INCIDENT REPORT

TO:

Dennis L. Zieman

FROM:

Northern States Power Co.  
Minneapolis, Minnesota 55401  
L.O. Mayer

DATE OF DOCUMENT

11-15-76

DATE RECEIVED

11-18-76

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## DESCRIPTION

Letter reference our 10-13-76<sup>LA</sup> Furnishing  
info. on reducing MAPLHGR limit at reduced  
core flow. Request answered and improved  
rate of ascension of core flow to full power

ENCLOSURE

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME:

Monticello

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED  
SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION jcm 11-18-76

BRANCH CHIEF:

ZIEMAN

W/3 CYS FOR ACTION

LIC. ASST.:

DIGGS

W/1 CYS

ACRS 16CYS HOLDING/SENT TO LA Cat. B

11-18-76

## INTERNAL DISTRIBUTION

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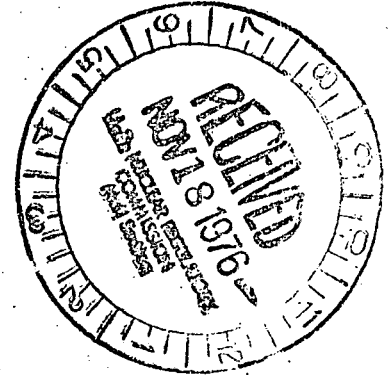


NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

November 15, 1976

Regulatory Docket File



Mr Dennis L Ziemann, Chief  
Operating Reactors Branch #2  
Division of Operating Reactors  
U S Nuclear Regulatory Commission  
Washington, DC 20555

Dear Mr Ziemann:

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

MAPLHGR Clamp at Less than Rated Flow

Your October 13, 1976 letter requested this letter concerning a General Electric recommendation for reducing the MAPLHGR limit at reduced core flow.

General Electric has informed us that using existing calculational models, the MAPLHGR limit at less than rated core flow appears to be less than at rated flow. Upon receiving this information, we implemented the interim limits recommended for Monticello, reducing the rated MAPLHGR limit by 5% for core flows less than 90% of rated. Implementing this new limitation has reduced the operating flexibility and impeded the rate of ascension to full power particularly in the range of 75 to 90% of rated core flow. To date, the effect on the plant capacity factor has been insignificant. We intend to adhere to these interim MAPLHGR limits until there is further resolution of the outstanding questions.

Yours very truly,

L O Mayer, PE  
Manager of Nuclear Support Services

LOM/deb

cc: Director, IE, III, USNRC  
G Charnoff  
MPCA

Attn: J W Ferman

11761

