

## NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

TO:

Mr. D. L. Ziemann

FROM:

Northern States Power Company  
Minneapolis, Minnesota  
L. O. Mayer

DATE OF DOCUMENT

12/30/76

DATE RECEIVED

1/3/77

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☒ UNCLASSIFIED

PROP

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## DESCRIPTION

Ltr. re our 11/23/76 ltr. and General  
Electric 12/22/76 ltr....concerning  
Fission Gas Release-Fuel Rod Internal  
Pressure.

PLANT NAME:

(1-P)

Monticello

## ENCLOSURE

ACKNOWLEDGED

DO NOT REMOVE

(1-P)

## SAFETY

## FOR ACTION/INFORMATION

ENVIRO 1/4/77

RJL

<input checked="" type="checkbox"/> ASSIGNED AD:	Göblern	<input checked="" type="checkbox"/> ASSIGNED AD:
<input checked="" type="checkbox"/> BRANCH CHIEF:	Ziemann	<input checked="" type="checkbox"/> BRANCH CHIEF:
<input checked="" type="checkbox"/> PROJECT MANAGER:	Snaider	<input checked="" type="checkbox"/> PROJECT MANAGER:
<input checked="" type="checkbox"/> LIC. ASST. :	Diggs	<input checked="" type="checkbox"/> LIC. ASST. :

## INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE	<input checked="" type="checkbox"/> SYSTEMS SAFETY	<input checked="" type="checkbox"/> PLANT SYSTEMS	<input checked="" type="checkbox"/> SITE SAFETY &
<input checked="" type="checkbox"/> NRC PDR	<input checked="" type="checkbox"/> HEINEMAN	<input checked="" type="checkbox"/> TEDESCO	<input checked="" type="checkbox"/> ENVIRO ANALYSIS
<input checked="" type="checkbox"/> I & E (2)	<input checked="" type="checkbox"/> SCHROEDER	<input checked="" type="checkbox"/> BENAROYA	<input checked="" type="checkbox"/> DENTON & MULLER
<input checked="" type="checkbox"/> OELD	<input checked="" type="checkbox"/> ENGINEERING	<input checked="" type="checkbox"/> LAINAS	<input checked="" type="checkbox"/> ENVIRO TECH.
<input checked="" type="checkbox"/> GOSSICK & STAFF	<input checked="" type="checkbox"/> MACARRY	<input checked="" type="checkbox"/> IPPOLITO	<input checked="" type="checkbox"/> ERNST
<input checked="" type="checkbox"/> MIPC	<input checked="" type="checkbox"/> KNIGHT	<input checked="" type="checkbox"/> KIRKWOOD	<input checked="" type="checkbox"/> BALLARD
<input checked="" type="checkbox"/> CASE	<input checked="" type="checkbox"/> SIHWEIL	<input checked="" type="checkbox"/> OPERATING REACTORS	<input checked="" type="checkbox"/> SPANGLER
<input checked="" type="checkbox"/> HANAUER	<input checked="" type="checkbox"/> PAWLICKI	<input checked="" type="checkbox"/> STELLO	<input checked="" type="checkbox"/> SITE TECH.
<input checked="" type="checkbox"/> HARLESS	<input checked="" type="checkbox"/> REACTOR SAFETY	<input checked="" type="checkbox"/> OPERATING TECH.	<input checked="" type="checkbox"/> GAMMILL
<input checked="" type="checkbox"/> PROJECT MANAGEMENT	<input checked="" type="checkbox"/> ROSS	<input checked="" type="checkbox"/> EISENHUT (En.)	<input checked="" type="checkbox"/> STEPP
<input checked="" type="checkbox"/> BOYD	<input checked="" type="checkbox"/> NOVAK	<input checked="" type="checkbox"/> SHAO	<input checked="" type="checkbox"/> HULMAN
<input checked="" type="checkbox"/> P. COLLINS	<input checked="" type="checkbox"/> ROSZTOCZY	<input checked="" type="checkbox"/> BAER (2)	<input checked="" type="checkbox"/> SITE ANALYSIS
<input checked="" type="checkbox"/> HOUSTON	<input checked="" type="checkbox"/> CHECK	<input checked="" type="checkbox"/> BUTLER	<input checked="" type="checkbox"/> VOLLMER
<input checked="" type="checkbox"/> PETERSON	<input checked="" type="checkbox"/> R. MEYER	<input checked="" type="checkbox"/> GRIMES	<input checked="" type="checkbox"/> BUNCH
<input checked="" type="checkbox"/> MELTZ	<input checked="" type="checkbox"/> AT & I	<input checked="" type="checkbox"/> F. COFFMAN	<input checked="" type="checkbox"/> J. COLLINS
<input checked="" type="checkbox"/> HELTEMES	<input checked="" type="checkbox"/> SALTZMAN	<input checked="" type="checkbox"/> J. GUIBERT	<input checked="" type="checkbox"/> KREGER
<input checked="" type="checkbox"/> SKOVHOLT	<input checked="" type="checkbox"/> RUTBERG		

## EXTERNAL DISTRIBUTION

## CONTROL NUMBER

<input checked="" type="checkbox"/> LPDR:Minneapolis,Mn.	<input checked="" type="checkbox"/> NAT. LAB:	<input checked="" type="checkbox"/> BROOKHAVEN NAT. LAB.
<input checked="" type="checkbox"/> TIC:	<input checked="" type="checkbox"/> REG V.IE	<input checked="" type="checkbox"/> ULRIKSON (ORNL)
<input checked="" type="checkbox"/> NSIC:	<input checked="" type="checkbox"/> LA PDR	
<input checked="" type="checkbox"/> ASLB:	<input checked="" type="checkbox"/> CONSULTANTS:	
<input checked="" type="checkbox"/> ACRS 16 CYS HOLDING/SENT: CAT. B. (1/4/77)		

44 MAY



**NORTHERN STATES POWER COMPANY**

MINNEAPOLIS, MINNESOTA 55401

December 30, 1976



Mr D 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

Fission Gas Release-  
Fuel Rod Internal Pressure

The information requested in your November 23, 1976 letter on this subject is contained in a General Electric letter from G G Sherwood (GE) to D F Ross (NRC) dated December 22, 1976. The General Electric letter presents results of bounding calculations which are applicable to Monticello. At the present time, the peak local exposure at Monticello is approximately 22,000 MWD/MTU.

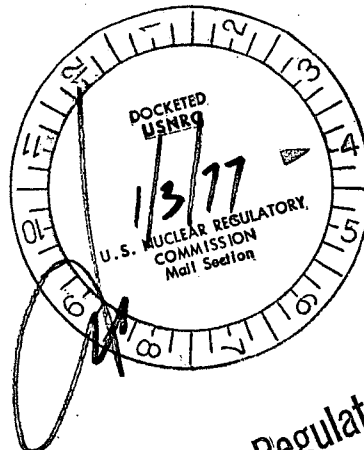
Yours very truly,

*L. O. Mayer*

L O Mayer, PE  
Manager of Nuclear Support Services

LOM/deh

cc: J G Keppler  
G Charnoff  
MPCA  
Attn: J W Ferman



Regulatory Docket File