

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)

CONTROL NO: 818

FILE: \_\_\_\_\_

FROM: Northern States Power Company Minneapolis, Minnesota L. O. Mayer			DATE OF DOC 1-23-74	DATE REC'D 1-30-74	LTR X	MEMO	RPT	OTHER
TO: J. F. O'Leary			ORIG	CC 40	OTHER	SENT AEC PDR XXX SENT LOCAL PDR XXX		
CLASS	UNCLASS	PROP INFO	INPUT	NO CYS REC'D	DOCKET NO:			
	XXX			40	50-263			
DESCRIPTION:  Ltr. trans. the following.....				ENCLOSURES:  REPORT: Permanent Plant Changes To Accommodate Equilibrium Core Scram Reactivity Insertion Characteristics  <i>see report + jacket</i>				
<b>DO NOT REMOVE</b> <b>ACKNOWLEDGED</b>								
PLANT NAME: MONTICELLO				(40 cys rec'd)				

FOR ACTION/INFORMATION 1-30-74

BUTLER(L)	SCHWENCER(L)	✓ ZIEMANN(L)	REGAN(E)
W/ Copies	W/ Copies	W/9 Copies	W/ Copies
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INTERNAL DISTRIBUTION

✓ REG FILE	<u>TECH REVIEW</u>	DENTON	<u>LIC ASST</u>	<u>A/T IND</u>
✓ AEC PDR	HENDRIE	GRIMES		BRAITMAN
✓ OGC, ROOM P-506A	SCHROEDER	GAMMILL	✓ DIGGS (L)	SALTZMAN
MUNTZING/STAFF	MACCARY	KASTNER	GEARIN (L)	B. HURT
CASE	KNIGHT	BALLARD	GOULBOURNE (L)	<u>PLANS</u>
GIAMBUSO	PAWLICKI	SPANGLER	LEE (L)	MCDONALD
BOYD	SHAO		MAIGRET (L)	DUBE w/Input
✓ MOORE (L) (EWR)	STELLO	<u>ENVIRO</u>	SERVICE (L)	<u>INFO</u>
DEYOUNG (L) (FWR)	HOUSTON	MULLER	SHEPPARD (E)	C. MILES
✓ SKOVHOLT (L)	NOVAK	DICKER	SMITH (L)	B. KING
P. COLLINS	ROSS	KNIGHTON	TEETS (L)	
DENISE	IPPOLITO	YOUNGBLOOD	WADE (E)	
✓ REG OPR	TEDESCO	REGAN	WILLIAMS (E)	
✓ FILE & REGION(3)	LONG	PROJECT LDR	WILSON (L)	
MORRIS	LAINAS			
STEELE	BENAROYA	<u>HARLESS</u>		
	VOLLMER			

EXTERNAL DISTRIBUTION

✓ 1 - LOCAL PDR MINNEAPOLIS, MINN			
✓ 1 - DTIE (ABERNATHY)	(1) (2X10) NATIONAL LAB'S		1-PDR-SAN/LA/NY
✓ 1 - NSIC (BUCHANAN)	1-ASLEP (E/W Bldg, Rm 529)		1-GERALD LELLOUCHE
1 - ASLB (YORE/SAYRE/ WOODARD/"H" ST.	1-W. PENNINGTON, Rm E-201 GT		BROOKHAVEN NAT. LAB
✓ 16 - CYS ACRS	1-CONSULTANT'S		1-AGMED (Ruth Gusso)
	NEWARK/BLUMIE/AGBABIAN		RM-B-127, GT.
	1-GERALD ULRIKSON... ORNL		1-RD..MULLER..F-30

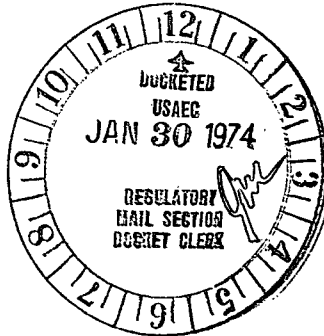
SENT TO LIC ASST DIGGS 1-30-74

**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.

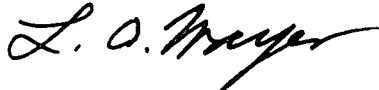
We have concluded that the proposed modifications do not involve an unreviewed safety question. The Monticello Operations Committee and Safety Audit Committee have reviewed the submittal.

NORTHERN STATES POWER COMPANY

Mr. J F O'Leary  
January 23, 1974  
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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  
Attn. E A Pryzina