

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 13859

FILE: _____

FROM: Northern States Power Co Minneapolis, Mn L O Mayer			DATE OF DOC 12-10-75	DATE REC'D 12-12-75	LTR XX	TWX	RPT	OTHER
TO: Mr Ziemann			ORIG one signed	CC	OTHER	SENT NRC PDR <u>XX</u>		SENT LOCAL PDR <u>XX</u>
CLASS	UNCLASS XXXXXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-263			

DESCRIPTION:

Ltr re their ltrs dtd 9-28-72, 8-24-75, 9-10-73.....furnishing info concerning status of modifications being made to mitigate the consequences of interior flooding at Monticello....

PLANT NAME: Monticello

ENCLOSURES:

FOR ACTION/INFORMATION 12-13-75 ehf

BUTLER (L) W/ Copies	SCHWENCER (L) W/ Copies	ZIEMANN (L) W/ Copies	REGAN (E) W/ Copies	REID (L) W/ COPIES
CLARK (L) W/ Copies	STOLZ (L) W/ Copies	DICKER (E) W/ Copies	LEAR (L) W/ Copies	
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INTERNAL DISTRIBUTION

REG FILE	<u>TECH REVIEW</u>	DENTON	<u>LIC ASST</u>	<u>A/T IND.</u>
NRC PDR	SCHROEDER	GRIMES	R. DIGGS (L)	BRAITMAN
OGC, ROOM P-506A	MACCARY	GAMMILL	H. GEARIN (L)	SALTZMAN
GOSSICK/STAFF	KNIGHT	KASTNER	E. GOULBOURNE (L)	MELTZ
CASE	PAWLICKI	BALLARD	P. KREUTZER (E)	
GIAMBUSSO	SHAO	SPANGLER	J. LEE (L)	<u>PLANS</u>
BOYD	STELLO		M. RUSHBROOK (L)	MCDONALD
MOORE (L)	HOUSTON	<u>ENVIRO</u>	S. REED (E)	CHAPMAN
DEYOUNG (L)	NOVAK	MULLER	M. SERVICE (L)	DUBE (Ltr)
SKOVHOLT (L)	ROSS	DICKER	S. SHEPPARD (L)	E. COUPE
GOLLER (L) (Ltr)	IPPOLITO	KNIGHTON	M. SLATER (E)	PETERSON
P. COLLINS	TEDESCO	YOUNGBLOOD	H. SMITH (L)	HARTFIELD (2)
DENISE	J. COLLINS	REGAN	S. TEETS (L)	KLECKER
REG OPR	LAINAS	PROJECT LDR	G. WILLIAMS (E)	EISENHUT
FILE & REGION (2)	BENAROYA	BEVAN	V. WILSON (L)	WIGGINTON
MIFC	VOLLMER	MARLESS	R. INGRAM (L)	
			M. DUNCAN (E)	

EXTERNAL DISTRIBUTION

- 1 - LOCAL PDR Minneapolis, MN
- 1 - TIC (ABERNATHY) (1)(2)(10) - NATIONAL LABS
- 1 - NSIC (BUCHANAN) 1 - W. PENNINGTON, Rm E-201 GT
- 1 - ASLB 1 - CONSULTANTS
- 1 - Newton Anderson NEWMARK/BLUME/AGBABIAN
- 16 - ACRS HOLDING/SENT TO LA DIGGS
- 1 - PDR-SAN/LA/NY
- 1 - BROOKHAVEN NAT LAB
- 1 - G. ULRIKSON ORNL

[Handwritten signatures]

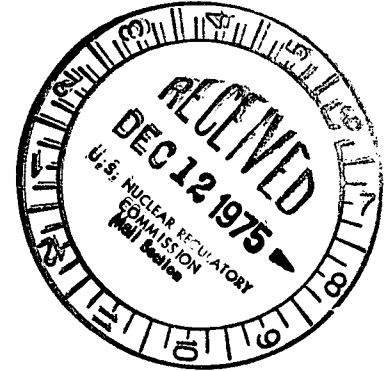
NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

December 10, 1975

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



Dear Mr. Ziemann:

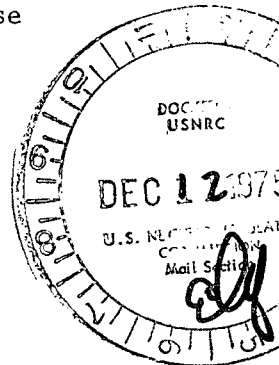
MONTICELLO NUCLEAR GENERATING PLANT
Docket No. 50-263 License No. DPR-22

Status of Modifications Being Made to Mitigate the Consequences
of Interior Flooding at the Monticello Nuclear Generating Plant

In correspondence dated September 28, 1972, August 24, 1973, and September 10, 1973, Northern States Power Company responded to an inquiry from the Commission to evaluate the potential for interior flooding at the Monticello Nuclear Generating Plant. The conclusions of this evaluation were that no single pipe failure with resultant water flooding will prevent safe reactor shutdown or cause the loss of redundant engineered safety systems. Two modifications were identified, however, which were desirable, to enhance engineered safety system redundancy. These modifications were:

- a. Flood probes in the condenser hotwell area and in the circulating water pump bay with alarms in the control room and automatic trip of circulating water pumps on high level in either area.
- b. Upgrading of the condensate transfer lines in the Reactor Building basement and HPCI Room to seismic category I equivalent.

These modifications were completed during the Autumn 1975 refueling outage with the exception of the automatic circulating water pump trip. Because of delays in the equipment procurement process, necessary material was not available to complete this portion of the



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NORTHERN STATES POWER COMPANY

Mr. D. L. Ziemann

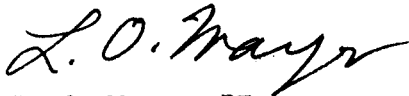
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December 10, 1975

planned modifications. Level alarms were installed in the condenser hotwell area and in the circulating water pump bay and will annunciate in the Control Room in the event of flooding to permit a Control Room Operator to manually trip the circulating water pumps.

The necessary material to complete work on the automatic trip feature is now available at the plant. This portion of the modification will be completed during the next scheduled plant outage of seven days or longer duration. In addition, a thorough inspection of all rubber expansion joints used in the circulating water system was conducted during the Autumn 1975 refueling outage.

Very truly yours,



L. O. Mayer, PE
Manager, Nuclear Support Services

LOM/DMM/deb

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