

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 1273

FROM:	DATE OF DOC:	DATE REC'D	FILE			
			LTR	MEMO	RPT	OTHER
Northern States Power Company Minneapolis, Minnesota 55401 L. O. Mayer	2-20-73	2-23-73	X			
TO:	ORIG	CC	OTHER	SENT AEC PDR X		
Mr. Giambusso	1			SENT LOCAL PDR X		
CLASS: <u>U</u> /PROP INFO	INPUT	NO CYS REC'D	DOCKET NO:			
		40	50-263			
DESCRIPTION: Ltr re Tech Specs Change dtd 1-31-73.....furnishing Suppl info supporting request for a change to Tech Specs dtd 1-31-73.....			ENCLOSURES:			
PLANT NAMES: Monticello			<p>Do Not Remove ACKNOWLEDGED</p>			

FOR ACTION/INFORMATION 2-24-73 AB

BUTLER(L)	SCHWENGER(L)	SCHEMEL(L)	KNIGHTON(E)
W/ Copies	W/ Copies	W/ Copies	W/ Copies
CLARK(L)	STOLZ(L)	ZIEMANN(L)	YOUNGBLOOD(E)
W/ Copies	W/ Copies	W/ 9Copies	W/ Copies
GOLLER(L)	VASSALLO(L)	CHITWOOD(FM)	REGAN(E)
W/ Copies	W/ Copies	W/ Copies	W/ Copies
KNIEL(L)	H. DENTON	DICKER(E)	
W/ Copies	W/ Copies	W/ Copies	

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE	TECH REVIEW	VOLLIMER	HARLESS	WADE	E
<input checked="" type="checkbox"/> AEC PDR	HENDRIE	DENTON		SHAFFER	F & M
<input checked="" type="checkbox"/> OGC, ROOM P-506A	SCHROEDER	GRIMES	F & M	BROWN	E
<input checked="" type="checkbox"/> MUNTZING/STAFF	MACCARY	GAMMILL	SMILEY	G. WILLIAMS	E
CASE	KNIGHT(2)	KASTNER	NUSSBAUMER	E. GOULBOURNE	L
GIAMBUSSO	PAWLICKI	BALLARD		A/T IND	
BOYD-L(BWR)	SHAO	SPANGLER	LIC ASST.	BRATTMAN	
DEYOUNG-L(PWR)	KNUTH		SERVICE L	SALTZMAN	
<input checked="" type="checkbox"/> SKOVHOLT-L	STELLO	ENVIRO	MASON L		
P. COLLINS	MOORE	MULLER	WILSON L	PLANS	
REG OPR	HOUSTON	DICKER	MAIGRET L	MCDONALD	
<input checked="" type="checkbox"/> FILE & REGION (2)	TEDESCO	KNIGHTON	SMITH L	DUBE	
MORRIS	LONG	YOUNGBLOOD	GEARIN L		
STEELE	LAINAS	PROJ LEADER	DIGGS L	INFO	
	BENARCYA		TEETS L	C. MILES	
		REGAN	LEE L		

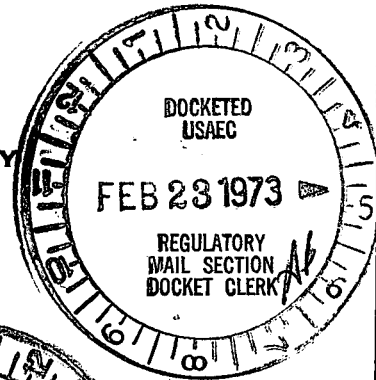
EXTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> 1-LOCAL PDR <u>Minneapolis, Minn.</u>		1-GERALD ULRIKSON...ORNL
<input checked="" type="checkbox"/> 1-DTIE(ABERNATHY)	(1)(2)(9)-NATIONAL LAB'S	1-PDR-SAN/LA/NY
<input checked="" type="checkbox"/> 1-NSIC(BUCHANAN)	1-R. CARROLL-OC, GT-B227	1-GERALD LELLOUCHE
1-ASLB-YORE/SAYRE	1-R. CATLIN, E-256-GT	BROOKHAVEN NAT. LAB.
WOODWARD/H. ST.	1-CONSULANT'S	1-AGMED(WALTER KOESTER,
<input checked="" type="checkbox"/> 16-CYS ACRS HOLDING SENT TO LIC ASST.	NEWMARK/BLUME/AGABIAN	Rm C-427, GT)
R. DIGGS ON 2-26-73		1-RD...MULLER...F-309CT

NSP

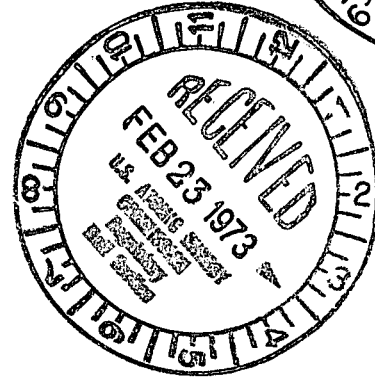
NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401



February 20, 1973

Mr. A Giambusso
 Deputy Director for Reactor Projects
 Directorate of Licensing
 United States Atomic Energy Commission
 Washington, D C 20545



Dear Mr. Giambusso:

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

Supplementary Information Supporting a Technical
 Specification Change Request Dated January 31, 1973

On February 2, 1973 we sent you the above referenced Technical Specification change request asking that the changes be expedited to be available for our forthcoming outage. On February 16, 1973, Mr. J Shea verbally requested additional information to be used in the Staff safety evaluation of the changes. This letter further documents the nature of work intended to be performed under the Technical Specification changes.

Preventive maintenance of control rod drives is expected during each refueling outage. The normal procedure is to remove a drive and immediately replace it with a rebuilt spare drive. On occasion a replacement drive may not be installed immediately; in this event a blank flange is installed over the CRD housing to provide the same protection from water leakage as otherwise provided by the drive. The flange (or drive) is redundant to the seal provided between the control rod lower casting and the two inch CRD housing seat. As a precaution for the unlikely event of disruption of the seal during the short interval of time when the CRD housing is open, a special flange is available. A valve is mounted on this flange such that it can be readily installed against leakage flow. Once in place, flow can be stopped by closing the valve. Removing control rod drives and installing blank flanges on the CRD housings after the control cell is voided, in accordance with proposed Specification 3.10.E, does not impair safety. While the number of blank flanges used at any one time is expected to be minimal, we see no reason for limiting the flexibility to a specific number of installed flanges. The requested Technical Specification changes in no way affect the probability of a loss of the seal between

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NORTHERN STATES POWER COMPANY

Mr. A Giambusso

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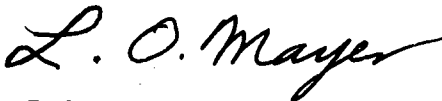
February 20, 1973

the control rod lower casting and the CRD housing seat. The potential for personnel exposure, likewise, is unaffected by the requested changes. Maintenance personnel who remove and install the drives and flanges will wear waterproof protective clothing as otherwise prescribed for this task.

The sequence of events in voiding a control cell is as follows: 1) remove the two fuel assemblies in opposite corners of the cell; 2) insert a blade guide (a device consisting of two dummy fuel assemblies, replacing those assemblies removed in the previous step); 3) remove the two remaining fuel assemblies; 4) withdraw the control rod blade; and 5) remove the blade guide. Loading the cell is done in the reverse order. The control blade uses fuel assemblies or the blade guide to keep it perfectly upright; the fuel assemblies, when being loaded, use the control blade (which forces against the adjacent fuel assembly or blade guide) to guide the element into its correct position. Therefore, the blade guide is required for intermediate loading and unloading steps. Certain cells must be voided in this manner during the outage to allow for curtain removal and to permit the required in-service inspections.

We appreciate the efforts you have made to expedite the review of our requested changes. Please contact us if we can be of further assistance.

Yours very truly,



L O Mayer, P.E.
Director of Nuclear Support Services

LOM/MHV/br

cc: B H Grier
G Charnoff
Minnesota Pollution Control Agency
Attn. K Dzugan

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 1152

FROM: Northern States Power Company Minneapolis, Minnesota 55401 L. O. Mayer		DATE OF DOC: 2-20-73	DATE REC'D 2-20-73	FILE			
TO: A. Giambusso		ORIG	CC 1	OTHER	LTR	MEMO	RPT OTHER Facsimile
CLASS: <u>U</u> PROP INFO		INPUT	NO CYS REC'D 1	SENT AEC PDR X SENT LOCAL PDR X			
DESCRIPTION: Facsimile furnishing addl info supporting a Tech Spec change request dtd 1-31-73.....		ENCLOSURES:		DOCKET NO: 50-263			
PLANT NAMES: Monticello		DO NOT REMOVE					

FOR ACTION/INFORMATION 2-20-73 fod

BUTLER(L) W/ Copies	SCHWENCER(L) W/ Copies	SCHEMEL(L) W/ Copies	KNIGHTON(E) W/ Copies
CLARK(L) W/ Copies	STOLZ(L) W/ Copies	ZIEMANN(L) W/ 9 Copies	YOUNGBLOOD(E) W/ Copies
GOLLER(L) W/ Copies	VASSALLO(L) W/ Copies	CHITWOOD(FM) W/ Copies	REGAN(E) W/ Copies
KNIEL(L) W/ Copies	H. DENION W/ Copies	DICKER(E) W/ Copies	

INTERNAL DISTRIBUTION

<u>REG FILE</u> AEC PDR OGC, ROOM P-506A MUNTZING/STAFF CASE GIAMBUSSO BOYD-L(BWR) DEYOUNG-L(PWR) SKOVHOLT-L P. COLLINS	TECH REVIEW HENDRIE SCHROEDER MACCARY KNIGHT(2) PAWLICKI SHAO KNUTH STELLO MOORE HOUSTON TEDESCO LONG LAINAS BENAROYA	VOLLMER DENION GRIMES GAMMILL KASTNER BALLARD SPANGLER ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD PROJ LEADER REGAN	HARLESS F & M SMILEY NUSSBAUMER LIC ASST. SERVICE L MASON L WILSON L MAIGRET L SMITH L GEARIN L DIGGS L TEETS L LEE L	WADE E SHAFFER F & M BROWN E G. WILLIAMS E E. GOULBOURNE L A/T IND BRATTMAN SALTZMAN PLANS MCDONALD DUBE INFO C. MILES
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EXTERNAL DISTRIBUTION

1-LOCAL PDR Minneapolis, Minn. 1-DTIE(ABERNATHY) 1-NSIC(BUCHANAN) 1-ASLB-YORE/SAYRE WOODWARD/H. ST. 16-CYS ACRS HOLDING Sent 2-20-73 to R. Diggs for Dist.	(1)(5)(9)-NATIONAL LAB'S 1-R. CARROLL-OC, GT-B227 1-R. CATLIN, E-256-GT 1-CONSULANT'S NEWMARK/BLUME/AGABIAN	1-PDR-SAN/LA/NY 1-GERALD LELLOUCHE BROOKHAVEN NAT. LAB 1-AGMED(WALTER KOESTER, Rm C-427, GT) 1-RD...MULLER...F-309GT
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NSP

NORTHERN STATES POWER COMPANY

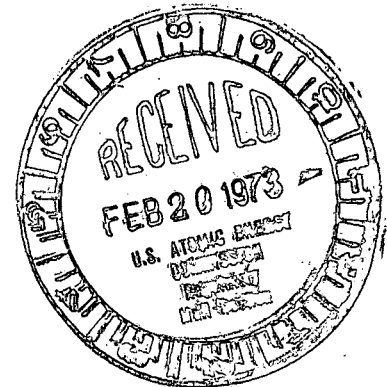
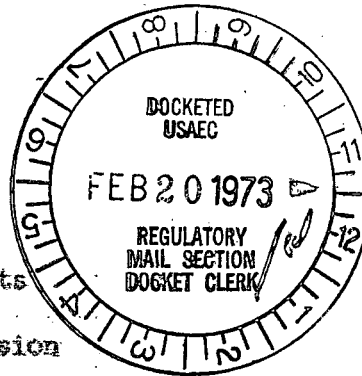
MINNEAPOLIS, MINNESOTA 55401

Regulatory

File Cy.

February 20, 1973

Mr. A Giambusso
Deputy Director for Reactor Projects
Directorate of Licensing
United States Atomic Energy Commission
Washington, D.C. 20545



Dear Mr. Giambusso:

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

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Specification Change Request Dated January 31, 1973

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Mr. A Giambusso

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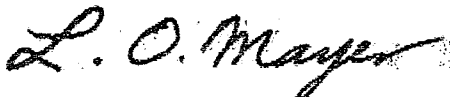
February 20, 1973

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L. O. Mayer, P.E.
Director of Nuclear Support Services

LOM/MHV/br

cc: B. H. Crier
G. Charnoff
Minnesota Pollution Control Agency
Attn: K. Dzigan

NOTE: Telecopied to AEC on February 20, 1973 for early use. The required original and 59 copies will be mailed shortly.