

**AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)**

CONTROL NO: 5711

FROM: Northern States Power Company Minneapolis, Minn. 55401 L.O. Mayer		DATE OF DOC: 10-13-72	DATE REC'D 10-19-72	LTR X	MEMO	RPT	OTHER
TO: Mr. A. Giambusso		ORIG 1 signed	CC 39	OTHER	SENT AEC PDR <input checked="" type="checkbox"/> SENT LOCAL PDR <input checked="" type="checkbox"/>		
CLASS: <b>U</b> PROP INFO		INPUT	NO CYS REC'D 40		DOCKET NO: 50-263		
DESCRIPTION: Ltr rpt on 9-15-72 a problem when the No. 12 emergency diesel generator No. 1 starting system malfunctioned.....				ENCLOSURES:			
*PLEASE CIRCULATE-INSUFFICIENT CYS FOR FULL DISTRIBUTION				<div style="text-align: center; font-size: 2em; font-weight: bold;">DO NOT REMOVE</div> <div style="text-align: center; font-size: 2em; font-weight: bold;">ACKNOWLEDGED</div>			
PLANT NAMES: Monticello Plant							

**FOR ACTION/INFORMATION DL 10-19-72**

BUTLER(L) W/ Copies	KNIEL(L) W/ Copies	VASSALLO(L) W/ Copies	<input checked="" type="checkbox"/> ZIEMANN(L) W/6 Copies	KNIGHTON(ENVIRO) W/ Copies
CLARK(L) W/ Copies	SCHWENCER(L) W/ Copies	H. DENTON W/ Copies	CHITWOOD(FM) W/ Copies	YOUNGBLOOD(ENVIRO) W/ Copies
GOLLER W/ Copies	STOLZ(L) W/ Copies	SCHEMEL(L) W/ Copies	DICKER(ENVIRO) W/ Copies	

**INTERNAL DISTRIBUTION**

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

**EXTERNAL DISTRIBUTION**

<input checked="" type="checkbox"/> 1-LOCAL PDR Minneapolis, Minn.	(1)(5)(9)-NATIONAL LAB'S	1-PDR-SAN/LA/NY
<input checked="" type="checkbox"/> 1-DTIE(ABERNATHY)	1-R. CARROLL-OC, GT-B227	1-GERALD LELLOUCHE
<input checked="" type="checkbox"/> 1-NSIC(BUCHANAN)	1-R. CATLIN, A-170-GT	BROOKHAVEN NAT. LAB
1-ASLB-YORE/SAYRE	1-CONSULANT'S	1-AGMED(WALTER KOESTER,
WOODWARD/H. ST.	NEWMARK/BLUME/AGABIAN	Rm C-427, GT)
<input checked="" type="checkbox"/> 16-CYS ACRS	SENT TO LIC. ASST.	1-RD...MULLER...F-309GT
	R. DIGGS ON 10-19-72	

# NSP

Regulatory

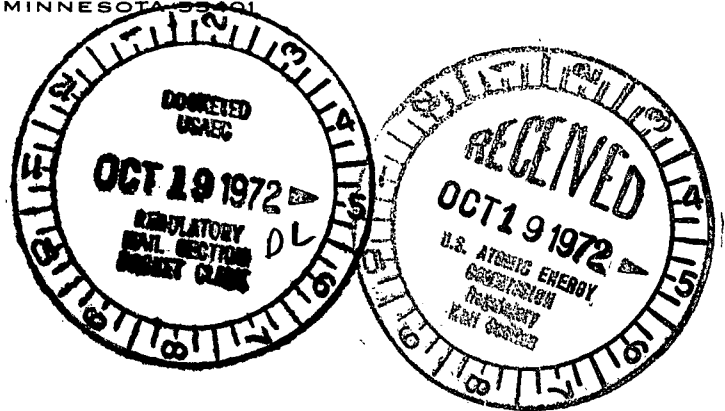
File Cy.

## NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

October 13, 1972

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

### No 12 Emergency Diesel Generator-No 1 Starting System Malfunction

A condition occurred at the Monticello Nuclear Generating Plant which we are reporting to your office in accordance with Section 6.6.C.1 of the Technical Specifications, of Provisional Operating License DPR-22.

On September 15, 1972, during routine surveillance testing, the No 12 DSL START FAILURE alarm was received during a manual start of the No 12 emergency diesel generator. A moment later, the No 12 DSL RUNNING alarm was received indicating that the diesel was running. The local operator verified that the engine had started.

Before disabling the #1 starting system to investigate the malfunction, the engine was successfully started using the redundant #2 starting system. An inspection of the No 12 diesel starting system components revealed rust particles which restricted the bleed orifice on the No 1 air relay. This resulted in slow opening of the starting motors main air supply valve and the subsequent delayed start. The orifice was cleaned and the engine successfully started by the No 1 starting system. It should be noted that even if the No 1 starting system would have failed completely, the engine would have started, if required, by the automatic selection of the #2 starting system.

The air relay bleed orifices for the No 2 starting system on No 12 diesel and both starting systems on No 11 diesel were inspected and found in good condition. The frequency of the maintenance schedule for these items has been increased to a six month basis. No further problem is anticipated.

A Significant Operating Event report will be available at the site for Regulatory Operations Inspector.

Yours very truly,

L O Mayer, P.E.

Director of Nuclear Support Services

cc: B H Grier

5711 *RM*