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(TEMPORARY FORM)**

CONTROL NO: 6774

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FROM: Northern States Power Company Minneapolis, Minnesota 55401 L. O. Mayer		DATE OF DOC 7-22-74	DATE REC'D 7-25-74	LTR X	TWX	RPT	OTHER
TO: J. F. O'Leary		ORIG NONE	CC	OTHER	SENT AEC PDR <u> X </u> SENT LOCAL PDR <u> X </u>		
CLASS	UNCLASS XXXX	PROP INFO	INPUT	NO CYS REC'D 40	DOCKET NO: 50-263		

DESCRIPTION:
Ltr reporting abnormal occurrence AO 263/74-20 on 7-12-74, regarding a malfunction of the #11 Residual Heat Removal (RHR) Service Water pump motor breaker.....

ENCLOSURES:

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME: Monticello

FOR ACTION/INFORMATION

7-25-74 GC

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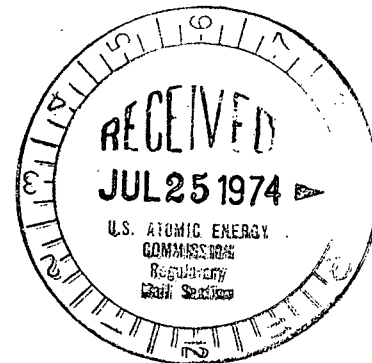
INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE	<u>TECH REVIEW</u>	DENTON	<u>LIC ASST</u>	<u>A/T IND</u>
<input checked="" type="checkbox"/> AEC PDR	<input checked="" type="checkbox"/> HENDRIE	GRIMES		BRAITMAN
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GIAMBUSSO	<input checked="" type="checkbox"/> PAWLICKI	SPANGLER	KREUTZER (E)	MCDONALD
BOYD	<input checked="" type="checkbox"/> SHAO		LEE (L)	CHAPMAN
MCORE (L)(EWR)	<input checked="" type="checkbox"/> STELLO	<u>ENVIRO</u>	MAIGRET (L)	DUBE w/input
DEYOUNG(L)(PWR)	<input checked="" type="checkbox"/> HOUSTON	MULLER	REED (E)	E. COUPE
SKOVHOLT (L)	<input checked="" type="checkbox"/> NOVAK	DICKER	SERVICE (L)	
<input checked="" type="checkbox"/> COLLIER(L)	<input checked="" type="checkbox"/> ROSS	KNIGHTON	SHEPPARD (L)	<input checked="" type="checkbox"/> D. THOMPSON (2)
P. COLLINS	<input checked="" type="checkbox"/> IPPOLITO	YOUNGBLOOD	SLATER (E)	<input checked="" type="checkbox"/> KLECKER
DENISE	<input checked="" type="checkbox"/> TEDESCO	REGAN	SMITH (L)	<input checked="" type="checkbox"/> EISENHUT
<input checked="" type="checkbox"/> REG OPR	<input checked="" type="checkbox"/> LONG	PROJECT LDR	TEETS (L)	
FILE & REGION(3)	<input checked="" type="checkbox"/> LAINAS		WILLIAMS (E)	
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EXTERNAL DISTRIBUTION

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<input checked="" type="checkbox"/> 1 - NSIC(BUCHANAN)	1-W. PENNINGTON, Rm E-201 GT	BROOKHAVEN NAT. LAB
1 - ASLB	1-CONSULTANT'S	1-AGMED(Ruth Gussman)
1 - P. R. DAVIS (AEROJET NUCLEAR)	NEWMARK/BLUME/AGBABIAN	RM-B-127, GT.
<input checked="" type="checkbox"/> 16 - CYS ACRS holding SENT TO LIC. ASST.	1-GERALD ULRICKSON...ORNL	1-RD..MULLER..F-309 GT
7-25-74 DIGGS	1-B & M SWINEBROAD, Rm E-201 GT	

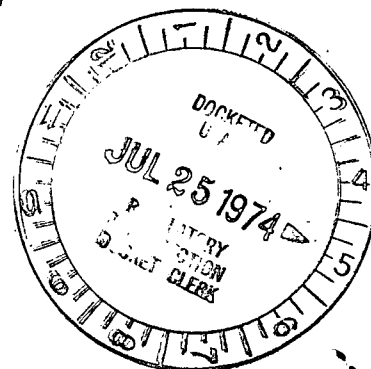
Mr. J F O'Leary, Director
Directorate of Licensing
Office of Regulation
U S Atomic Energy Commission
Washington, DC 20545



ABNORMAL OCCURRENCE REPORT TO THE AEC

Malfunction of No. 11 RHR Service Water Pump Motor Breaker

1. Report Number: AO 263/74-20
- 2A. Report Date: July 22, 1974
- 2B. Occurrence Date: July 12, 1974
3. Facility: Monticello Nuclear Generating Plant (DPR-22)
Monticello, Minnesota 55362
4. Identification of Occurrence:



This report concerns a malfunction of the No. 11 Residual Heat Removal (RHR) Service Water pump motor breaker.

5. Conditions Prior to Occurrence:

Steady State Power - The Plant was at 87% of rated power at the time of the occurrence.

6. Description of Occurrence:

On July 12, 1974, during attempts to start the No. 11 RHR SW pump for torus cooling, the motor breaker would not close. The redundant pump in "A" loop and the pumps in the redundant "B" loop were demonstrated to be operable. The breaker was replaced with a spare and the No. 11 RHR SW pump was demonstrated operable.

7. Designation of Apparent Cause of Occurrence:

Component Failure - Inspection revealed that one contact of a spring charging motor limit switch did not close when the closing spring was fully charged. With this contact open, the closing relay could not be energized and the breaker was prevented from being closed wither remotely or locally. Further investigation revealed that the limit switch (the third in a stack of three limit switches which comprise the spring charging motor limit switch assembly) contacts would not close due to foreign material in the switch assembly.

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8. Analysis of Occurrence:

This occurrence had no effect on the public health and safety. The remaining three operable RHR SW pumps provided more than sufficient cooling capacity.


9. Corrective Action:

The breaker for the No. 11 RHR Service Water pump motor was replaced with a spare breaker. The faulty spring charging motor limit switch assembly was cleaned. The breaker was operated several times and the subject limit switch functioned properly each time. It is noted the Preventive Maintenance (PM) procedure for this breaker specifically calls for inspecting, cleaning and adjusting these and all other auxiliary switches associated with the breaker. The PM procedure for this breaker was performed during the Spring 1974 refueling outage. The breaker was operated successfully several times since the PM was performed and prior to the occurrence. It is believed that the malfunction of this limit switch is an isolated occurrence and the existing program will minimize the probability of similar future occurrences.

10. Failure Data:

There have been no previous similar failures or malfunctions of this or similar components.

Spring charging motor limit switch
GE Model CR 29400301 in
Breaker Type:
GE Magna-Blast Circuit Breaker
AMH-4,76-250-OD


L O Mayer, PE
Director of Nuclear Support Services

LOM/kn

cc: J G Keppler
G Charnoff
Minnesota Pollution Control Agency
Attn. E A Pryzina