

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 3369

FILE: _____

FROM: Northern States Power Company Minneapolis, Minnesota 55401 L. O. Mayer			DATE OF DOC 4-15-74	DATE REC'D 4-17-74	LTR X	MEMO	RPT	OTHER
TO: J. F. O'Leary			ORIG 1 signed	CC	OTHER	SENT AEC PDR <u>X</u> SENT LOCAL PDR <u>X</u>		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 40		DOCKET NO: 50-263		

DESCRIPTION:
Ltr reporting abnormal occurrence on 4-5-74,
regarding cracked studs on Recirculation
Pumps.....

ENCLOSURES:

DO NOT REMOVE

ACKNOWLEDGED

PLANT NAME: Monticello Unit

FOR ACTION/INFORMATION 4-17-74

BUTLER(L)	SCHWENCER(L)	✓ZIEMANN(L)	REGAN(E)
W/ Copies	W/ Copies	W/ 7Copies	W/ Copies
CLARK(L)	STOLZ(L)	DICKER(E)	
W/ Copies	W/ Copies	W/ Copies	W/ Copies
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W/ Copies	W/ Copies	W/ Copies	W/ Copies
KNIEL(L)	PURPLE (L)	YOUNGBLOOD(E)	
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INTERNAL DISTRIBUTION

✓ <u>REG FILE</u>	<u>TECH REVIEW</u>	DENTON	<u>LIC ASST</u>	<u>A/T IND</u>
✓ <u>AEC PDR</u>	✓ <u>HENDRIE</u>	GRIMES		BRAITMAN
✓ <u>OGC, ROOM P-506A</u>	SCHROEDER	GAMMILL	✓ <u>DIGGS (L)</u>	SALTZMAN
✓ <u>MUNTING/STAFF</u>	✓ <u>MACCARY</u>	KASTNER	GEARIN (L)	B. HURT
✓ <u>EASE</u>	✓ <u>KNIGHT</u>	BALLARD	GOULBOURNE (L)	<u>PLANS</u>
GIAMBUSSO	✓ <u>PAWLICKI</u>	SPANGLER	LEE (L)	MCDONALD
BOYD	✓ <u>SHAO</u>		MAIGRET (L)	DUBE w/Input
MOORE (L)(BWR)	✓ <u>STELLO</u>	<u>ENVIRO</u>	REED (E)	<u>INFO</u>
DEYOUNG(L)(FWR)	✓ <u>HOUSTON</u>	MULLER	SERVICE (L)	C. MILES
SKOVHOLT (L)	✓ <u>NOVAK</u>	DICKER	SHEPPARD (L)	✓ <u>B. KING (E/W-358)</u>
✓ <u>GOLLER(L)</u>	✓ <u>ROSS</u>	KNIGHTON	SLATER (E)	✓ <u>KLECKER</u>
P. COLLINS	✓ <u>APPOLITO</u>	YOUNGBLOOD	SMITH (L)	✓ <u>EISENHUT</u>
DENISE	✓ <u>TEDESCO</u>	REGAN	TEETS (L)	
✓ <u>REG OPR</u>	✓ <u>LONG</u>	PROJECT LDR	WADE (E)	
✓ <u>FILE & REGION(3)</u>	✓ <u>LAINAS</u>		WILLIAMS (E)	
✓ <u>MORRIS</u>	✓ <u>BENAROYA</u>	HARLESS	WILSON (L)	
✓ <u>STEELE</u>	✓ <u>VOLLMER</u>			

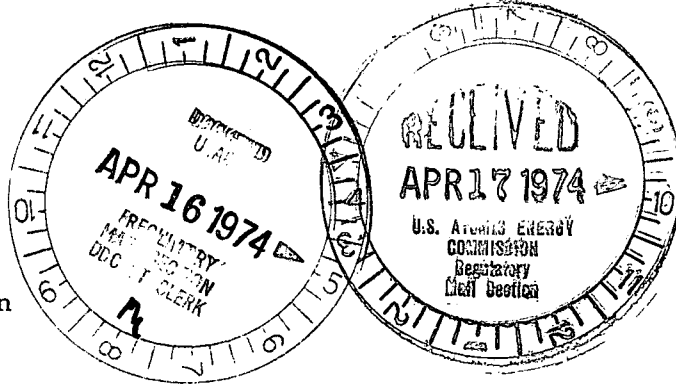
EXTERNAL DISTRIBUTION

✓1 - LOCAL PDR <u>Minneapolis, Minn.</u>	(1)(2X10)-NATIONAL LAB'S	1-PDR-SAN/LA/NY
✓1 - TIC (ABERNATHY)	1-ASLBP(E/W Bldg, Rm 529)	1-GERALD LELLOUCHE
✓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)	NEWARK/BLUME/AGBABIAN	RM-B-127, GT.
✓6 - CYS ACRS XXXXXX SENT TO LIC. ASST:	1-GERALD ULRIKSON...ORNL	1-RD..MULLER..F-309 GT
4-17-74 DIGGS	1-B & M SWINEBROAD, Rm E-201 GT	

A-0

April 15, 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

Cracked Studs on Recirculation Pumps

A condition occurred at the Monticello Nuclear Generating Plant which we are reporting to your office in accordance with Section 6.7.B.1, Abnormal Occurrence Reports, of Appendix A, Technical Specifications, of Provisional Operating License DPR-22.

On April 5, 1974, it was discovered that one of the ten stuffing box holddown cover studs on No. 12 recirculation pump had failed (see attached figure). Subsequent ultrasonic examination revealed significant internal defects in all of the remaining studs on No. 12 recirculation pump and in nine of the ten studs on No. 11 recirculation pump.

Complete failure of all the studs on a recirculation pump could result in primary coolant leakage past the pump shaft seal into the drywell. It is noted that the pump is capable of being shutdown and isolated in the event of significant leakage. This is the first time that failure of any recirculation pump stuffing box holddown cover studs has been detected.

Investigation into the cause of the stud failures and possible corrective actions is continuing. Following completion of this investigation, a report on the final resolution of the problem will be submitted.

Very truly yours,

L O Mayer, PE
Director of Nuclear Support Services

LOM/lh

3360

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

Attachment

