

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 1348

FILE:

FROM: Northern States Power Company Monticello, Minnesota C. E. Larson			DATE OF DOC 2-19-74	DATE REC'D 2-19-74	LTR X	MEMO	RPT	OTHER
TO: J. G. Klepper			ORIG 1	CC	OTHER	SENT AEC PDR XXX SENT LOCAL PDR XXX		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-263		

DESCRIPTION:

Ltr reporting abnormal occurrence of 2-16-74 in which two outboard MSIVs failed to close using the control room handswitch

ENCLOSURES:

**DO NOT REMOVE
ACKNOWLEDGED**

PLANT NAME: MONTICELLO

FOR ACTION/INFORMATION 2-20-74 GMC

BUTLER(L)	SCHWENCER(L)	✓ ZIEMANN(L)	REGAN(E)
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INTERNAL DISTRIBUTION

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

EXTERNAL DISTRIBUTION

✓ 1 - LOCAL PDR MINNEAPOLIS, MINN.	(1)(2)(10)-NATIONAL LAB'S	1-PDR-SAN/LA/NY
✓ 1 - DTIE(ABERNATHY)	1-ASLEP(E/W Bldg, Rm 529)	1-GERALD LELLOUCHE
✓ 1 - NSIC(BUCHANAN)	1-W. PENNINGTON, Rm E-201 GT	BROOKHAVEN NAT. LAB
1 - ASLB(YORE/SAYRE/ WOODARD/"H" ST.	1-CONSULTANT'S NEWMARK/BLUME/AGBABIAN	1-AGMED(Ruth Gussma RM-B-127, GT.
✓ 16 - CYS ACRS XXXXXX	1-GERALD ULRIKSON...ORNL	1-RD..MULLER..F-309

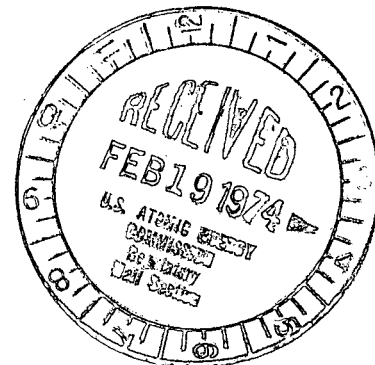
Sent to Lic Asst Diggs 2-20-74

NSP

NORTHERN STATES POWER COMPANY
Monticello, Minnesota 55362

February 19, 1974

Mr. J. G. Keppler, Regional Director
Directorate of Regulatory Operations
Region III
United States Atomic Energy Commission
799 Roosevelt Road
Glen Ellyn, Illinois 61073



Dear Mr. Keppler:

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

On February 16, 1974, while performing a routine surveillance test, two outboard MSIV's, AO-2-86B and AO-2-86C, failed to close using the control room handswitch. The redundant MSIV's on the "B" and "C" steam lines were closed and the reactor was brought to a hot standby condition while an investigation was conducted.

It was found that the failures were due to improper operation of the AC solenoids on the MSIV air operators. Further investigation revealed a design deficiency in the AC solenoid plunger. In addition, metal shavings were found in the solenoid manifold. The metal shavings were a result of inadequate manufacturing techniques.

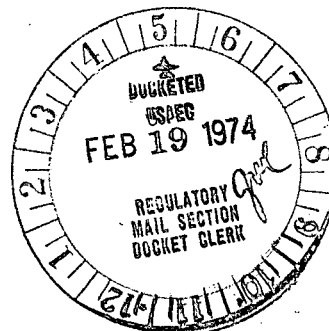
The solenoids and manifolds for all main steam isolation valves were disassembled and cleaned. New plungers of an improved design were installed in all AC solenoids. All MSIV's were demonstrated to function properly prior to returning to power operation.

Yours very truly,

C. E. Larson
C. E. Larson
Plant Manager

CEL/mm

cc: J F O'Leary, Directorate of Licensing
G Charnoff
Minnesota Pollution Control Agency
Attn: E A Pryzina
File



Copies sent by telecopier to Keppler and O'Leary