

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

CONTROL NO: 3309

FILE

FROM: Northern States Power Company Minneapolis, Minnesota 55401 L. O. Mayer	DATE OF DOC: 5-16-73	DATE REC'D 5-21-73	LTR x	MEMO	RPT	OTHER
TO: J. F. O'Leary	ORIG 1 signed	CC 39	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
CLASS: <u>U</u> /PROP INFO	INPUT	NO CYS REC'D 40	DOCKET NO: 50-263			

DESCRIPTION:

Ltr reporting on 5-2-73 ...set point of one of two differential pressure switches which control the reactor building-to-torus vacuum breakers was found to exceed limit of 0.5psi.

ENCLOSURES:

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAMES: Monticello

FOR ACTION/INFORMATION 5-21-73 fod

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✓ CASE	✓ KNIGHT	BALLARD	✓ LIC ASST.		
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DEYOUNG-L(PWR)	✓ HOUSTON	MULLER	SMITH	L	
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	✓ IPPOLITO	YOUNGBLOOD	TEETS	L	DUBE
REG OPR	✓ TEDESCO	REGAN	LEE	L	
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EXTERNAL DISTRIBUTION

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WOODWARD/H ST.	NEWMARK/BLUME/AGABIAN	RM C-427, GT)
✓ 16-CYS ACRS XXXXXX Sent 5-21-73 to	1- GERLAD ULRIKSON....ORNL	1- RD...MULLER...F-309GT
R. Diggs for Dist.		

NSP

Regulatory

File Cy.

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

May 16, 1973

Mr. J F O'Leary, Director
Directorate of Licensing
United States Atomic Energy Commission
Washington, D C 20545

Dear Mr. O'Leary:

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

Reactor Building to Torus Vacuum Breaker
Differential Control Switch Set Point Change

A condition occurred at the Monticello Nuclear Generating Plant recently which we are reporting to your office in accordance with Section 6.7.B.2.b of Appendix A, Technical Specifications, of Provisional Operating License DPR-22.

On May 2, 1973, while performing a surveillance test, the set point of one of two differential pressure switches which control the reactor building-to-torus vacuum breakers was found to exceed the Technical Specification limit of 0.5 psi. Both switches are normally calibrated to trip at approximately 0.4 psi. One switch was found to trip at approximately 0.6 psi, 0.1 psi above the limit stated in the Technical Specifications. The second unit was tested immediately and was found to trip at the desired trip setting.

Although the cause of the change in set point has not been identified, satisfactory repeatable operation of the switch was demonstrated in subsequent testing of the unit. Both differential pressure switches which serve to control the reactor building-to-torus vacuum breakers have been placed on an accelerated surveillance test schedule.

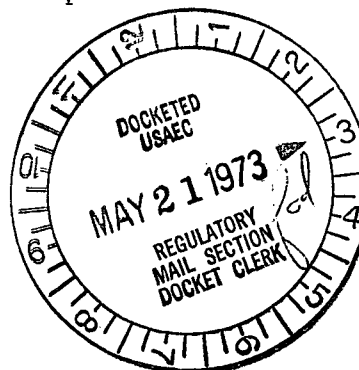
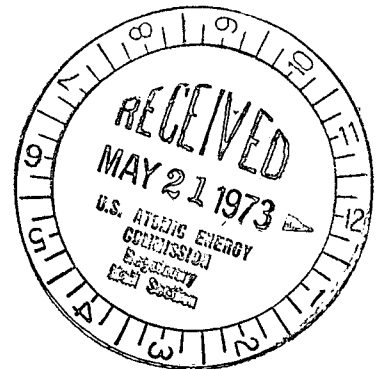
On November 16, 1972, an unrelated failure of a similar instrument was reported to your office. The cause of that failure has since been identified by the manufacturer as a failure in the overrange protection components of the DP unit. To prevent similar overrange failures, it has been recommended by the manufacturer that DP units with kick-off springs be used in all low range (<50" WC) applications which operate in an overrange condition during normal operation. As a result of this recommendation, both of the reactor building-to-torus vacuum breaker differential pressure control switches will be replaced with units containing the overrange kick-off spring.

Yours very truly,



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

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



3309