

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

CONTROL NO: 3671

FROM: Northern States Power Company Minneapolis, Minn. 55401 L. O. Mayer	DATE OF DOC:  6-30-72	DATE REC'D  7-6-72	LTR  X	MEMO	RPT	OTHER
TO:  Mr. Giambusso	ORIG	CC	OTHER	SENT AEC PDR <input checked="" type="checkbox"/> SENT LOCAL PDR <input checked="" type="checkbox"/>		
CLASS: <u>(U)</u> PROP INFO	INPUT	NO CYS REC'D  36		DOCKET NO:  50-263		

DESCRIPTION:  
Ltr reporting an Abnormal Occurrence on  
6-20-72, when the Stack gas monitor sample  
pump tripped.....

NOTE: (No ~~XXXXXXXXXX~~ Orig ltr of trans rec'd)

PLANT NAMES: Monticello

**DO NOT REMOVE  
ACKNOWLEDGED**

FOR ACTION/INFORMATION				7-6-72	AB
BUTLER(L)	KNIEL(L)	VASSALLO(L)	✓ ZIEMANN(L)	KNIGHTON(ENV)	
W/ Copies	W/ Copies	W/ Copies	W/ 9 Copies	W/ Copies	
CLARK(L)	SCHWENCER(L)	H. DENTON	CHITWOOD(FM)		
W/ Copies	W/ Copies	W/ Copies	W/ Copies	W/ Copies	
GOLLER(L)	STOLZ(L)	SCHEMEL(L)	DICKER(ENVIRO)		
W/ Copies	W/ Copies	W/ Copies	W/ Copies	W/ Copies	

INTERNAL DISTRIBUTION			
✓ REG FILES	✓ STELLO-L	✓ VOLLMER-L	KARAS-L L/A PWR
✓ AEC PDR	✓ MOORE-L	✓ DENTON-L(4)	MASON-L L/A BWR
✓ REG OFER (2) <del>(3)</del>	✓ LANGE-L	GRIMES-L	BROWN-L L/A PWR
✓ OGC-RM P-506	PAWLICKI-L	GAMMILL-L	WILSON-L L/A PWR
✓ MUNTZING & STAFF	✓ THOMPSON-L	KNIGHTON-ENVIRO	KARI-L L/A BWR
GIAMBUSSO-L	✓ TEDESCO-L	DICKER-ENVIRO	SMITH-L L/A BWR
✓ BOYD-L-BWR	✓ LONG-L	PROJ LDR ENVIRO:	GEARIN-L L/A BWR
DEYOUNG-L-PWR	✓ LAINAS-L		DIGGS-L L/A
MULLER-L-ENVIRO	SHAO-L	SALTZMAN-IND.	TEETS-L L/A
✓ SKOVHOLT-L-OPER	BENAROYA-L	McDONALD-PLANS	WADE-L L/A ENVIRO
✓ KNUTH-L	✓ MORRIS-RO	NUSSBAUMER-FM	BRAITMAN-A/T
✓ MACCARY-L	DUBE-L	SMILEY-FM	HARLESS-ENVIRO
✓ SCHROEDER-L	✓ E. CASE-L	P. COLLINS-L	

✓ Dr. Hendrie  
✓ Myrna Steele

EXTERNAL DISTRIBUTION		
✓ 1-LOCAL PDR Minneapolis, Minn		1-SAN/LA/NY--PDR
✓ 1-DTIE-(LAUGHLIN)	9-NATIONAL LAB'S	1-CHIEF WATER REACTORS
✓ 1-NSIC-(BUCHANAN)	ANL/ORNL/BNWL	1-RD....E. HALL F-309 GT
1-ASLB-YORE/SARYE	1-R. CARROLL-OC, GT	
WOODWARD/H. ST.	1-R. CATLIN, A-170, GT	
1-C. MILES-C-459, GT	1-CONSULTANT'S	
✓ 16 CYS ACRS-HOLDING	NEWMARK/BLUME/AGBABIAN	
	1-DR. GERALD S. LELLOUCHE	
	BROOKHAVEN NATIONAL LAB	

**NSP****NORTHERN STATES POWER COMPANY**

Minneapolis, Minnesota 55401

June 30, 1972

Mr. A. Giambusso  
Deputy Director for Reactor Projects  
United States Atomic Energy Commission  
Washington, D. C. 20545

Dear Mr. Giambusso:

MONTICELLO NUCLEAR GENERATING PLANT  
Docket No. 50263 License No. DPR-22

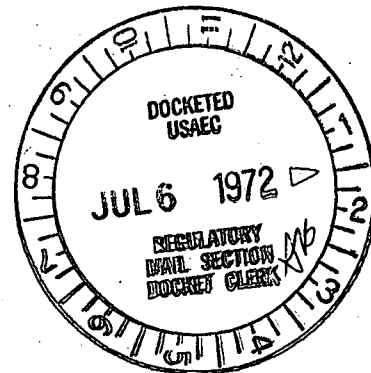
## Lapse of Off Gas Monitoring

A condition occurred at the Monticello Nuclear Generating Plant which we are reporting to your office in accordance with provisions of Section 6.6.B.3 of Appendix A, Technical Specifications of the Provisional Operating License DPR-22. On June 20, 1972, the Stack Gas Monitoring System was out of service for a period of about 4 1/2 hours. Continuous operation of this system is required by Technical Specification 3.8.A. The Region III Compliance Office has been notified of the occurrence.

At approximately 0430 on June 20, 1972, while operating at rated power, the stack gas monitor was observed to show a gradual decrease in the stack gas release rate. The remotely operated source was actuated and the monitors responded correctly. The monitoring chambers were purged by remote operation from the control room and the monitor readings did not drop as they should have, indicating that there was no sample flow through the chambers, however, the significance of this response was not realized. Approximately two and one half hours later, it was discovered that the stack gas monitor sample pump had tripped. The standby pump was started and the monitoring system restored to normal operation by 0730. During the investigation of the event, all other plant monitoring instrumentation including the air ejector monitors, were observed and indicated no change in activity levels or release rates. (The stack gas monitors provide only alarms functions; the air ejector monitors provide the automatic actions if high off gas activities occur.)

A review of the recorder trace showed that the sample pump had tripped about 0315 without initiating the sample system low flow alarm.

The reason for the pump trip has not been determined, but it is suspected that the problem may be associated with the automatic flow operation. Operation in the manual flow control mode of operation has continued without difficulty with either pump and a search for the cause of the initial pump trip is continuing. The failure of the low flow annunciator was caused



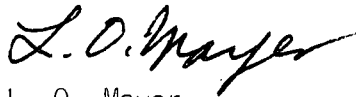
RW

by a bad connection within the annunciator circuit. A weekly surveillance test has been initiated to verify the continued operability of the annunciator.

The failure of the low flow annunciator resulted in the failure to recognize the problem immediately; however, considering the failure of the annunciator, the outage time of the monitoring system should have been less than two hours. The specifics of this event will be discussed with all operating personnel to stress the importance of proper response to similar problems, if they should occur, in the future.

An Abnormal Occurrence Report will be available at the plant for review by the Region III Compliance Inspector.

Yours very truly,



L. O. Mayer  
Director-Nuclear Support Services

FLF/kik

