

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Monticello										DOCKET NUMBER (2) 0 5 0 0 0 2 6 3 1					PAGE (3) 1 OF 0 2	
TITLE (4) Reactor Building Isolation by Wide Range Gas Monitors																
EVENT DATE (5)			LER NUMBER (6)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)						
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES				DOCKET NUMBER(S)			
0 4	2 5	8 4	8 4	0 1 8	0 0	0 5	2 2	8 4					0 5 0 0 0			
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)														
N		20.402(b)				20.406(c)				<input checked="" type="checkbox"/> 50.73(a)(2)(iv)				73.71(b)		
POWER LEVEL (10)		20.405(a)(1)(i)				50.36(c)(1)				50.73(a)(2)(v)				73.71(c)		
0 0 0		20.405(a)(1)(ii)				50.36(c)(2)				50.73(a)(2)(vi)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)		
		20.405(a)(1)(iii)				50.73(a)(2)(i)				50.73(a)(2)(vii)(A)						
		20.405(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(vii)(B)						
		20.405(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(ix)						
LICENSEE CONTACT FOR THIS LER (12)																
NAME Daniel E. Larson, Engineer										TELEPHONE NUMBER 6 1 2 2 9 5 - 5 1 5 1						
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs						
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)												<input checked="" type="checkbox"/> NO				
ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)																

The Channel B Reactor Building Vent Wide Range Gas Monitor isolated the Reactor Building ventilation and started the Standby Gas Treatment System when a noise spike caused it to register high radiation.

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
Monticello	0 5 0 0 0 2 6 3	8 4	— 0 1 8	— 0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 365A's) (17)

During cold shutdown on April 25, 1984 at approximately 1000 hours a Reactor Building ventilation isolation (VA) and Standby Gas Treatment System (BH) initiation occurred. This was caused by a high radiation signal from the reactor building vent wide range gas monitors (General Atomic Model 0366-0000) (IL).

Major construction taking place in the drywell had been producing greater amounts of particulate matter than is normal. Filters (FLT) in the B channel reactor building vent wide range gas monitor (IL) became clogged and restricted sample flow. The restricted air flow caused an alarm. A health physicist tried various controls on the monitor in attempts to increase the air flow. These controls operate solenoid valves and start and stop the sample pump (P). This activity caused a Hi-Hi radiation signal on the Channel B monitor. When the Channel B monitor alarmed in the Hi-Hi state it caused the Reactor Building Ventilation isolation and Standby Gas Treatment System Initiation. Redundant filters were placed in service and the alarm cleared. The isolation was subsequently reset.

There was no effect on public health and safety.

Procedural changes will be made to prevent the filters from being clogged to the point where they restrict flow.

There have been no previous similar occurrences.



Northern States Power Company

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May 25, 1984

U S Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

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

Reactor Building Isolation by Wide Range Gas Monitors

The License Event Report for this occurrence is attached.

This event was reported via Emergency Notification System per 10 CFR Part 72 on April 25, 1984.

David Musolf  
Manager - Nuclear Support Services

DMM/bd

c: Regional Administrator-III, NRC  
NRR Project Manager, NRC  
Resident Inspector, NRC  
MPCA  
Attn: J W Ferman

Attachment

IE22  
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