

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
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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
											0 5 0 0 0

OPERATING MODE (9) N

POWER LEVEL (10) 0 0 0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)

<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.406(c)	<input checked="" type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)
<input type="checkbox"/> 20.406(a)(1)(i)	<input type="checkbox"/> 50.36(c)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(c)
<input type="checkbox"/> 20.406(a)(1)(ii)	<input type="checkbox"/> 50.36(c)(2)	<input type="checkbox"/> 50.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
<input type="checkbox"/> 20.406(a)(1)(iii)	<input type="checkbox"/> 50.73(a)(2)(i)	<input type="checkbox"/> 50.73(a)(2)(vii)(A)	
<input type="checkbox"/> 20.406(a)(1)(iv)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(vii)(B)	
<input type="checkbox"/> 20.406(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 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
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

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

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 4	- 0 1 8	- 0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 366A'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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