

JUN 26 1984

NRC Form 308
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)

Monticello Nuclear Plant

DOCKET NUMBER (2)

0 5 0 0 0 2 1 6 3 1 OF 0 2

PAGE (3)

TITLE (4)

RBV Isolation During Thunderstorm

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)
06	05	84	84	022	000	07	05	84		050000
THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §. (Check one or more of the following) (11)										
OPERATING MODE (9)		N		20.402(b)		20.406(c)		XX 50.73(a)(2)(iv)		73.71(b)
POWER LEVEL (10)		0100		20.406(a)(1)(i)		50.36(e)(1)		50.73(a)(2)(v)		73.71(e)
				20.406(a)(1)(ii)		50.36(e)(2)		50.73(a)(2)(vii)		OTHER (Specify in Abstract below and in Text, NRC Form 366A)
				20.406(a)(1)(iii)		50.73(a)(2)(i)		50.73(a)(2)(viii)(A)		
				20.406(a)(1)(iv)		50.73(a)(2)(ii)		50.73(a)(2)(viii)(B)		
				20.406(a)(1)(v)		50.73(a)(2)(iii)		50.73(a)(2)(x)		

LICENSEE CONTACT FOR THIS LER (12)

NAME

Robert S. Bayless, Instrument Engineer

TELEPHONE NUMBER

AREA CODE

61221915151511

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC
C	JM	XIXFUB	569	No					

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)

A Reactor Building ventilation isolation and Standby Gas Treatment initiation occurred as a result of a blown fuse in the Reactor Building Spent Fuel Pool Radiation monitor Channel "B".

8407100420 840705
PDR ADOCK 05000263
S PDR

IE22
1/1

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

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

TEXT (If more space is required, use additional NRC Form 385A's) (17)

During cold shutdown on June 5, 1984 at approximately 2252 the Reactor Building Spent Fuel Pool Radiation monitor channel "B" suffered a blown fuse which supplies 24 volt D.C. to the Trip and Indicator unit (General Electric Model 129B2802G12) (Component Code RA). This resulted in an upscale indication and subsequent Reactor Building Ventilation Isolation (System Code VA) and Standby Gas Treatment Initiation (System Code BH). The fuse (Component Code FU) (Bussman Manufacturing AGC 1/16A) was replaced and the unit reset after which the Reactor Building Ventilation was returned to normal and the Standby Gas Treatment System shut down.

Cause of the event was the failure of a 1/16 amp fast blow fuse which caused the Trip and Indicator unit to indicate an Upscale trip which causes Reactor Building Ventilation isolation and Standby Gas Treatment initiation. At the time of the event there was a thunderstorm in progress with frequent cloud to ground lightning strokes. It is possible that the fuse failed as a result of lightning activity or due to age. Exact determination of which of the two possible causes of the event is not possible. Upon replacement of the blown fuse the unit was returned to service and the Reactor Building Ventilation was returned to normal and Standby Gas Treatment was shut down. Operation of the monitor since the event has been satisfactory. There was one previous similar occurrence on July 22, 1980 when the unit was struck by lightning.

There was no effect on public health or safety because the safety function of the fuel pool monitor was initiated.



Northern States Power Company

414 Nicollet Mall
Minneapolis, Minnesota 55401
Telephone (612) 330-5500

July 5, 1984

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

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

RBV Isolation During Thunderstorm

The License Event Report for this occurrence is attached.

This event was reported via Emergency Notification System per 10 CFR Part 72 on June 5, 1984.

for

David Musolf
Manager - Nuclear Support Services

DMM/TMP/bd

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

Attachment

IE22
11