

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)

Monticello

DOCKET NUMBER (2)

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

PAGE (3)

TITLE (4)

Loss of Offsite Power

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	6	0	4	8	4	8	4	0	2	1	0	5	0	0	0			
0	6	0	4	8	4	8	4	0	7	0	3	8	4	0	5	0	0	0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 43. (Check one or more of the following) (11)

OPERATING MODE (9)	POWER LEVEL (10)	20.402(b)	20.406(a)(1)(i)	20.406(a)(1)(ii)	20.406(a)(1)(iii)	20.406(a)(1)(iv)	20.406(a)(1)(v)	30.406(a)	30.406(a)(1)	30.406(a)(2)	30.406(a)(2)(i)	30.406(a)(2)(ii)	30.406(a)(2)(iii)	30.406(a)(2)(iv)	30.406(a)(2)(v)	30.406(a)(2)(vi)	30.406(a)(2)(vii)	30.406(a)(2)(viii)	30.406(a)(2)(ix)	30.406(a)(2)(x)	73.71(b)	73.71(c)	OTHER (Specify in Abstract below and in Text, NRC Form 305A)
N	01010																						

LICENSEE CONTACT FOR THIS LER (12)

NAME

Lawrence E. Pudlick, Engineer II

TELEPHONE NUMBER

AREA CODE

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 NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
XX					

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

Inadequacy in relay and maintenance test procedure resulted in the advertent trip of the offsite source supply to the plant, causing the fast start and load of No. 11 Emergency Standby Diesel Generator and the initiation of No. 11 Standby Gas Treatment System. Plant power was restored to the offsite source within two minutes. No. 11 Emergency Standby Diesel Generator was subsequently taken off line and shutdown. All systems were returned to normal within fifty minutes. No. 12 Emergency Standby Diesel Generator and No. 12 Standby Gas Treatment System were out of service (for routine maintenance) at the time of the event.

All similar relay maintenance and testing procedures were put on hold until temporary changes could be made to prevent a similar event. All procedures will be revised to incorporate these temporary changes.

IE 22
1118509030066 840703
PDR ADDCK 05000263
S PDR

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES 8/31/88

FACILITY NAME (1)

DOCKET NUMBER (2)

LER NUMBER (3)

PAGE (3)

Monticello

YEAR SEQUENTIAL REVISION
NUMBER NUMBER NUMBER

0 5 0 0 0 2 6 3 8 4 - 0 2 1 - 0 0 0 2 OF 0 2

TEXT / If more space is required, use additional NRC Form 388A (1/77)

On June 6, 1984 at 1319 CST, while the plant was in cold shutdown for refueling and maintenance, work was in progress that involved opening test switches to isolate a relay (RLY) as part of a 4.16 KV air circuit breaker (52) relay maintenance and testing procedure. Attached to this step was a caution statement giving instructions on the proper sequence of opening test switches in that breaker cubicle to avoid starting the emergency standby diesel generators (EK). This caution statement was mistaken by a relay technician as a procedural step and performed. This resulted in de-energization of the plant offsite source supply (LAR Reserve Transformer (XFMR) undervoltage relay (27) which tripped the plant offsite source breaker (52) causing a loss of voltage on the 4.16 KV essential safeguards bus No. 15 (EA). This initiated a fast start and load of No. 11 Emergency Standby Diesel Generator (EK) and initiation of No. 11 Standby Gas Treatment System (BH). Plant power was restored to the offsite source within two minutes. No. 11 Emergency Standby Diesel Generator was subsequently taken off line and shutdown. All systems were returned to normal within fifty minutes. No. 12 Emergency Standby Diesel Generator, No. 12 Standby Gas Treatment System and No. 1 Reserve Transformer were out of service for routine maintenance at the time of the event.

Investigation revealed that the caution statement is no longer required for that step but was carried over from earlier procedure revisions when it was the practice to open all test switches prior to testing. The present practice is to open just the switches of the relay to be tested. To prevent a similar event all similar relay maintenance and testing procedures were put on HOLD until temporary changes could be made to remove the caution statement and list the affected relay switches only. All procedures will be revised to incorporate these temporary changes. Plant power at the time of the event was being supplied by the No. 1 Auxiliary Reserve transformer rather than the normal offsite source, No. 1 Reserve transformer, which was out for routine preventative maintenance work. Had plant power been from the No. 1 Reserve transformer the start and load of the emergency diesel generator would not have taken place.

The transfer scheme to the emergency diesel generator from the essential safeguard bus loss of voltage relays performed as designed.

During the event, Tech. Spec. required systems were operable.

No safety consequences resulted from the event. No similar event of this nature has occurred.



ETB 840718

Northern States Power Company

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

July 3, 1984

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

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

Loss of Offsite Power

The License Event Report for this occurrence is attached.

This event was reported via the Emergency Notification System
per 10 CFR Part 72 on June 4, 1984.

for *M. M. Vile*
David Musolf
Manager - Nuclear Support Services

DHM/MMV/bd

c: Regional Administrator-III, NRC
NRR Project Manager, NRC
Resident Inspector, NRC
MPCA

Attn: J W Ferman

Attachment

00000314A12

LER
LER # <u>263-84031</u>
EVENT DATE <u>840604</u>
INFO RCVD DATE <u>840718</u> <i>SPN</i>
NSAC RCVD DATE _____

KI

KJB

IE22
11
84 RETROFIT