

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 9/31/88

FACILITY NAME (1) Monticello	DOCKET NUMBER (2) 0800026384	LER NUMBER (6)			PAGE (3) 02 OF 02
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	
		01	01	01	

NOTE: If more space is required, use additional NRC Form 355A (1/77)

Conditions Prior to Event:

Steady State Power Plant was at 71.5% power, 1193 MWT, 395 MWE. Station power from No. 11 auxiliary and 1R transformers (XPMR).

Description of Event:

(January 1, 1984)

0830 hrs.
(approx.) Control room operators received No. 11 125 VDC (BTRY) Bus Ground Alarm. An approved procedure, CM 4520, was initiated shortly afterwards and operators commenced to inspect related plant equipment.

1010 Operators began to individually open branch circuits (IS) for short periods of time (5 to 10 sec.) per procedure in efforts to isolate the ground. Power was restored immediately when each branch circuit was eliminated from concern.

1333 Circuit 19 of Panel D-111 was opened. This triggered the internal logic of the solid state undervoltage relays (27) but power was not available to operate output relay coils. When DC power was restored per procedure, the output relays operated and commanded the normal source breaker (52) for essential bus #15 (EA) to trip. Auxiliary contacts on this breaker started both standby diesel generators (EK) and a bus transfer was completed automatically. Standby gas treatment units (BH) and EFT systems (VI) started and #11 control rod drive pump (P) tripped, as is normal and appropriate for the event.

1343 Affected loads were returned to normal and relays were reset. Essential Bus #15 was returned to its normal source: 1R transformer via bus #13 and ACB 152-308.

1401 Both standby diesel engines were shutdown and the auto-start/transfer relay logic was reset.

Procedural deficiency was the primary cause of the event. Loss of control power to the solid state undervoltage relays was not identified in CM 4520. Power to only the essential bus #15 loads was lost and this was for a period of less than ten seconds. (All systems and components functioned properly during the event. No component failures were identified.) All AC and DC control subsystems of redundant "B" loop were unaffected. Corrective actions consist of revising CM 4520. No similar event of this nature has occurred.



RAM
3-2-84

Northern States Power Company

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

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LER

LER # 263-84001

EVENT DATE 840101

INPO RCVD DATE 840208

NSAC RCVD DATE

January 30, 1984

U S Nuclear Regulatory Commission
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MONTICELLO NUCLEAR GENERATING PLANT
Docket No. 50-263 License No. DPR-22

Inadvertent Trip of Under Voltage Relays

The License Event Report for this occurrence is attached.

This event was reported via Emergency Notification System per 10 CFR Part 72 on January 1, 1984.

m.m. Vile for
David Musolf
Manager - Nuclear Support Services

DMM/MMV/dab

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

Attn: J W Ferman

Attachment

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