

LICENSEE EVENT REPORT (LER)

| | | |
|---------------------------------|--------------------------------------|----------------------|
| FACILITY NAME (1) Monticello | DOCKET NUMBER (2) 0 5 0 0 0 2 6 3 | PAGE (3) 1 OF 0 2 |
|---------------------------------|--------------------------------------|----------------------|

TITLE (4)
Trip of B RPS MG Set

| 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 | 9 | 14 | 8 | 4 | 8 | 4 | 0 | 2 | 8 | 0 | 0 | 1 | 0 | 1 | 2 | 8 | 4 | | | 0 5 0 0 0 |
| | | | | | | | | | | | | | | | | | | | | 0 5 0 0 0 |

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

| | | | | |
|-------------------------|--|---|---|--|
| OPERATING MODE (9) N | <input type="checkbox"/> 20.402(b) | <input checked="" type="checkbox"/> 20.406(c) | <input type="checkbox"/> 90.73(e)(2)(iv) | <input type="checkbox"/> 73.71(b) |
| | <input type="checkbox"/> 20.406(a)(1)(i) | <input type="checkbox"/> 90.38(e)(1) | <input type="checkbox"/> 90.73(e)(2)(v) | <input type="checkbox"/> 73.71(a) |
| | <input type="checkbox"/> 20.406(a)(1)(ii) | <input type="checkbox"/> 90.38(e)(2) | <input type="checkbox"/> 90.73(e)(2)(vi) | OTHER (Specify in Abstract below and in Text, NRC Form 365A) |
| | <input type="checkbox"/> 20.406(a)(1)(iii) | <input type="checkbox"/> 90.73(e)(2)(ii) | <input type="checkbox"/> 90.73(e)(2)(viii)(A) | |
| | <input type="checkbox"/> 20.406(a)(1)(iv) | <input type="checkbox"/> 90.73(e)(2)(ii) | <input type="checkbox"/> 90.73(e)(2)(viii)(B) | |
| | <input type="checkbox"/> 20.406(a)(1)(v) | <input type="checkbox"/> 90.73(a)(2)(iii) | <input type="checkbox"/> 90.73(e)(2)(x) | |

POWER LEVEL (10) 0 0 0

LICENSEE CONTACT FOR THIS LER (12)

| | | |
|---|--------------------|-----------------------|
| NAME Jack Nystrom, Sr. Production Engineer | TELEPHONE NUMBER | |
| | AREA CODE 6 1 2 | 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 NPROS | CAUSE | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NPROS |
|-------|--------|-----------|--------------|---------------------|-------|--------|-----------|--------------|---------------------|
| B | J C | 0 0 4 9 | G 0 8 0 | Yes | | | | | |
| | | | | | | | | | |

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 overload/overtemperature relay for the "B" Reactor Protection System-Motor Generator Set open-circuited. This resulted in shutdown of the motor, loss of power to Bus "B" loads, and initiation of secondary containment and Group 2 isolations. Power was restored to Bus "B" from the alternate source until the relay was replaced. After replacement of the relay, the MG Set was returned to service. Subsequently, the comparable relay in "A" RPS-MG Set was replaced.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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

TEXT (If more space is required, use additional NRC Form 366A's) (17)

At 15:15 C.D.T. September 14, 1984, during a maintenance/refueling outage, the overload/overtemperature relay (49) for the reactor protection system (JC) motor generator set (MG) open-circuited. The 120 volt A.C. power was lost to B channel-reactor protection system (JC), B power range neutron monitoring (IL), and radiation monitoring (IL). This initiated a half scram, secondary containment, Group 2 isolation (JM) with startup of standby gas treatment (BH). All systems performed as design intended. Power was restored to the bus from the alternate source transformer (EA) supply. A replacement relay with higher coil voltage rating was obtained, installed, and the RPS-MG set returned to service September 19, 1984.

Upon investigation, the failed relay, General Electric type CR120A01102AC, was found to have an open circuit between the relay frame coil termination points. The root cause of the failure could not be determined. This relay is energized continuously, as voltage is supplied to the line side of the motor starter. The comparable relay in A RPS-MG set was replaced also.

This occurrence had no effect on public health and safety. Previous similar events involving this relay in the RPS-MG sets have not occurred.



Northern States Power Company

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

October 12, 1984

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

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

Trip of B RPS MG Set

The License Event Report for this occurrence is attached.

This event was reported via Emergency Notification System per 10 CFR Part 72
on September 14, 1984.

Monica Vik

for David Musolf
Manager - Nuclear Support Services

DMM/MMV/dab

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

Attachment

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