

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Monticello	DOCKET NUMBER (2) 0 5 0 0 0 2 6 1 3	PAGE (3) 1 OF 0 1 2
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TITLE (4)
ESF Actuations Due to Transfer of Instrument AC

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		
1	1	2	7	8	4	8	4	4	N/A		
1	1	2	7	8	4	0	3	3	N/A		
0	0	1	2	6	8	4			DOCKET NUMBER(S) 0 5 0 0 0		

OPERATING MODE (9) N	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)									
POWER LEVEL (10) 0 1 0 1 0	20.402(b)	20.406(c)	X	50.73(a)(2)(iv)	73.71(b)					
	20.406(a)(1)(i)	50.38(e)(1)		50.73(a)(2)(v)	73.71(e)					
	20.406(a)(1)(ii)	50.38(e)(2)		50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 388A)					
	20.406(a)(1)(iii)	50.73(a)(2)(ii)		50.73(a)(2)(viii)(A)						
	20.406(a)(1)(iv)	50.73(a)(2)(iii)		50.73(a)(2)(viii)(B)						
	20.406(a)(1)(v)	50.73(a)(2)(iii)		50.73(a)(2)(ix)						

LICENSEE CONTACT FOR THIS LER (12)		TELEPHONE NUMBER	
NAME J W Gausman, Engineer II	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 NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	
B	T	D	M	O						
			G	O						
				8						
				0						
				N						

SUPPLEMENTAL REPORT EXPECTED (14)		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)	<input type="checkbox"/> NO				

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

Failure of the turbine auxiliary oil pump motor momentarily reduced voltage on the plants electrical distribution system. Low voltage caused transfer of one instrument AC bus to the alternate source. Power interruption to instrumentation during this transfer initiated several Engineered Safety Features. The Engineered Safety features were restored to normal. The failed motor was repaired.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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 3 3	- 0 0	0 2	OF 0 2

TEXT (If more space is required, use additional NRC Form 388A's) (17)

Plant was in a refueling/maintenance outage prior to and during the event. At 2137 hours on November 27, 1984 a fault on the turbine auxiliary oil (TD) pump motor (MD) windings caused protective relay actuation and breaker trip. Motor is General Electric Model 5K6318XC139A. Prior to the breaker (BKR) opening fault currents momentarily reduced the voltage on the plants electrical distribution system (EL). The reduction in voltage resulted in an open transfer of one instrument AC bus (EF) to the alternate source. This transfer resulted in the initiation of several Engineered Safety Features including:

- A. Standby Gas Treatment (BH)
- B. Isolation of Secondary Containment (VA) and closure of drywell purge and vent valves (ISV). These valves are labeled: AO-2377, AO-2378, AO-2381, AO-2383, AO-2386, AO-2387 and AO-2896.
- C. Placed Control Room Habitability system (VI) in the toxic gas emergency mode (chlorine monitor tripped).

In addition, four non-safety pumps (P) tripped when contactors (CNTR) on their motor starters (MSTR) dropped out.

Operators determined the cause of the disturbance from annunciation of the turbine auxiliary oil pump breaker and the transfer of instrument AC. The ESFs were returned to normal and the pumps restarted.

All systems operated as designed.

The failed motor was repaired. The leads from the breaker to the motor were tested and found acceptable. The breaker controls and breaker were also tested and found to be in proper working order. No other corrective action is planned at this time.

There was no effect on public health and safety.

There have been no similar events.



Northern States Power Company

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Minneapolis, Minnesota 55401
Telephone (612) 330-5500

December 26, 1984

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

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

ESF Actuations Due to Transfer on Instrument AC

The License Event Report for this occurrence is attached.

This event was reported via Emergency Notification System per 10 CFR Part 72 on November 27, 1984.

for *Monica Vike*
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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11