

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Monticello										DOCKET NUMBER (2) 0 5 0 0 0 2 6 5										PAGE (3) 1 OF 0 1																													
TITLE (4) Safeguards Initiation due to RPS MG Feeder Trip																																																	
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)												
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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 10 10										20.402(b)										20.406(e)										X 50.73(a)(2)(iv)										73.71(b)									
										20.406(a)(1)(i)										50.36(e)(1)																				73.71(a)									
										20.406(a)(1)(ii)										50.36(e)(2)																				OTHER (Specify in Abstract below and in Text, NRC Form 366A)									
										20.406(a)(1)(iii)										50.73(a)(2)(i)																													
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LICENSEE CONTACT FOR THIS LER (12)																																																	
NAME Sanderson J. Kruchten																				TELEPHONE NUMBER 6 1 2 2 9 5 1 - 5 1 5 1																													
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																																																	
CAUSE			SYSTEM			COMPONENT			MANUFAC TURE			REPORTABLE TO NPROS			CAUSE			SYSTEM			COMPONENT			MANUFAC TURE			REPORTABLE TO NPROS																						
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SUPPLEMENTAL REPORT EXPECTED (14)																																																	
YES (If yes, complete EXPECTED SUBMISSION DATE)																				X NO										EXPECTED SUBMISSION DATE (15)										MONTH DAY YEAR									

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

The motor source breaker for the Reactor Protection System Power Supply Motor Generator set tripped which isolated RPS Bus A loads. These loads consist of power range neutron monitors, scram solenoid logic channel A, steam line and off gas radiation monitors. Loss of 120V AC power to radiation monitors initiated a Primary Containment Group II Isolation and start of Standby Gas Treatment System. Power was restored to RPS Bus A from alternate source and the system was reset and returned to normal while repairs were made and equipment tested. The MG set was returned to service 8 days after event.

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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): 01510002163	LER NUMBER (5):			PAGE (3):	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
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TEXT (if more space is required, use additional NRC Form 305A (7/83))

At 1130 CST on March 25, 1984, the motor source breaker (EC) to the No. 11 Reactor Protection System (JC) power supply MG set tripped which isolated RPS Bus A loads. The plant was in cold shutdown at this time with all fuel unloaded and station auxiliaries being supplied by its reserve transformer (EA). Loss of 120 V AC power to the fuel pool monitor (IL) and reactor building ventilation plenum monitor (IL) initiated a Group II primary containment isolation (JM) and a start of the standby gas treatment system (BH). A half scram and other indicating lights showed no power to the A Bus; operators found MG set coasting to a stop. Power was restored to RPS Bus A from an alternate source transformer. The system was reset and restored to normal while repairs were made and the MG set tested.

The breaker trip unit A-phase setpoint had drifted and was found to operate below its time curve. This was replaced: GE type TFK trip unit Cat. No. TFK236T150. Also, two connecting stabs of the breaker shelf to the motor control center bus bars were not making firm contact and were repaired. The MG set was load tested and returned to service 8 days after the event.

The affected monitors and relay controls reverted to their fail safe mode and performed as designed. RPS Bus B was unaffected by this failure such that if the plant was in operation, a full reactor scram and associated transients would not have taken place. Records do not show history of this motor breaker or similar breakers on the Reactor Protection System to have failed in this manner. This type of breaker is used to isolate other loads in several motor control centers. Plant electricians will be cleaning, inspecting and testing these devices during the current refueling outage. Also, the plant PM program will be changed to call for more frequent inspections and testing of this switchgear.



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April 24, 1984

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

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

Safeguards Initiation Due To RPS MG Feeder Trip

The License Event Report for this occurrence is attached.

This event was reported via Emergency Notification System per 10 CFR Part 72 on March 25, 1984.

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

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