

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) Safeguard Initiation Due to System Disturbance																																																																																		
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 1 0 1 0										20.402(b)										20.406(e)										X 50.73(a)(2)(iv)										73.71(b)																																										
										20.406(a)(1)(i)										50.36(e)(1)										50.73(a)(2)(v)										73.71(e)																																										
										20.406(a)(1)(ii)										50.36(e)(2)										50.73(a)(2)(vi)										OTHER (Specify in Abstract below and in Text, NRC Form 356A)																																										
										20.406(a)(1)(iii)										50.73(a)(2)(i)										50.73(a)(2)(vii)(A)																																																				
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LICENSEE CONTACT FOR THIS LER (12)																																																																																		
NAME Sanderson J. Kruchten, 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)																														EXPECTED SUBMISSION DATE (15)										MONTH DAY YEAR																																										
YES (If yes, complete EXPECTED SUBMISSION DATE)																				Y NO																																																														

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

A system wide disturbance caused a momentary in-house voltage drop.

Affected instrumentation initiated primary containment group II isolation, start of Standby Gas Treatment System and control room ventilation system trip to the emergency isolation mode. No plant equipment failures were noted and all affected systems were returned to normal shortly after the disturbance.

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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) 0 5 0 0 0 2 6 3 8 4	LER NUMBER (8)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
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TEXT (If more space is required, use additional NRC Form 365A's) (17)

At 1325 CST on 22 March 1984, a lightning arrestor assembly (FK) on a 115 kv line failed causing a full 3-phase fault which affected nearly the entire distribution system in the area. Although this occurred in a substation 45 miles from the plant-site and breakers isolated the fault quickly (approx. 6 cycles), recorders showed that in-house voltage levels momentarily dropped to 83% of normal.

The plant was in cold shutdown at the time, with all fuel unloaded and station auxiliaries being fed by its reserve transformer (EA) from this same 115 kv network. The auxiliary reserve transformer was out of service for cable repair.

This voltage drop on the instrument buses (EE) was sufficient to cause certain relays that are arranged in a fail-safe mode to trip or operate. Affected instrumentation and controls initiated primary containment group II isolation (JM), start of standby gas treatment system (BH) and control room ventilation system (VI) trip to the emergency isolation mode.

The event had no consequences from the standpoint of public health and safety. On-site standby generating sources were unaffected and remained available.

Reports of this fault indication were received from as far away as Iowa. The arrestor was completely destroyed and cause has been attributed to mechanical failure. Operators confirmed through the system dispatcher that the fault was isolated and no further disruption was expected. No equipment failure at the plant was noted and all affected systems were reset and returned to normal. No previous events of this nature have been noted and no corrective actions by the plant are planned at this time.



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April 23, 1984

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

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

Safeguard Initiation Due To System Disturbance

The License Event Report for this occurrence is attached.

This event was reported via Emergency Notification System per 10 CFR Part 72 on March 22, 1984.

David Musolf
p 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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