

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Callaway Plant Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 4 8 3 1 OF 0 2										PAGE (3) 1 OF 0 2																																																	
TITLE (4) Technical Specification Violation																																																																					
EVENT DATE (5) MONTH DAY YEAR 0 7 1 5 8 5 8 5										LER NUMBER (6) YEAR SEQUENTIAL NUMBER REVISION NUMBER 0 3 2 0 0 0										REPORT DATE (7) MONTH DAY YEAR 8 0 9 8 5										OTHER FACILITIES INVOLVED (8) FACILITY NAMES DOCKET NUMBER(S) 0 5 0 0 0 0																																							
OPERATING MODE (9) 1										THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																																																											
POWER LEVEL (10) 1 0 0										20.402(b)										20.405(c)										50.73(a)(2)(iv)										73.71(b)																													
										20.405(a)(1)(i)										50.36(c)(1)										50.73(a)(2)(v)										73.71(c)																													
										20.405(a)(1)(ii)										50.36(c)(2)										50.73(a)(2)(vi)										OTHER (Specify in Abstract below and in Text, NRC Form 366A)																													
										20.405(a)(1)(iii)										X 50.73(a)(2)(i)										50.73(a)(2)(viii)(A)																																							
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LICENSEE CONTACT FOR THIS LER (12)																																																																					
NAME Michael E. Taylor - Superintendent, Operations																				TELEPHONE NUMBER AREA CODE 3 1 1 4 6 1 7 6 1 - 1 8 1 2 1 0 1 7																																																	
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																																																																					
<table border="1"><thead><tr><th>CAUSE</th><th>SYSTEM</th><th>COMPONENT</th><th>MANUFACTURER</th><th>REPORTABLE TO NRC</th><th>CAUSE</th><th>SYSTEM</th><th>COMPONENT</th><th>MANUFACTURER</th><th>REPORTABLE TO NRC</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>																														CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC																														
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SUPPLEMENTAL REPORT EXPECTED (14)																				EXPECTED SUBMISSION DATE (15)										MONTH DAY YEAR																																							
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)																				<input checked="" type="checkbox"/> NO																																																	

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

At 2123 CDT on 7/15/85, Operators acknowledged an alarm on Technical Specification (T/S) 3.3.3.7 fire detection zone 308 caused by cooking in the Control Room pantry, but overlooked resetting the alarm or establishing fire watches within T/S 3.3.3.7 Action b time limits. This alarm condition rendered the remaining zone 308 fire detectors incapable of providing alarm to the Control Room if needed. At 0158 CDT on 7/16/85, the condition was discovered and immediate corrective action involved resetting the alarm to restore the zone 308 detectors to an operable status. The plant was in Mode 1 (Power Operation) at 100% reactor power at the time of the event.

To prevent recurrence, the Incident Report was routed to Operators and Operating Supervisors for their review. Additionally, a Callaway Modification Request was initiated to investigate the possibility of modifying zone 308 or replacing the Control Room pantry ionization detector with a heat detector to eliminate false alarms from cooking.

This event did not present a significant safety concern. The areas of zone 308 which were not being patrolled by firewatch personnel, are either in proximity to the Control Room which is continuously manned or are protected by an automatic sprinkler system. Actuation of the sprinkler system would have initiated a flow alarm in the Control Room.

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PDR ADOCK 05000483
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1) Callaway Plant Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 4 8 3	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 5	— 0 3 2	— 0 0	0 2	OF	0 2

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

On 7/15/85 at 2123 CDT, while in Mode 1 (Power Operation) at 100% reactor power, Operations personnel acknowledged a Fire Detection System alarm (IEEE Std. 805-1983, System - IC; IEEE Std. 803A-1983, Component - FRA) in fire zone 308 caused by cooking in room 3602, the Control Room pantry. However, the 3602 fire detector (IEEE Std. 803A-1983, Component - DET) alarm was not reset until 0158 CDT on 7/16/85. This rendered the remaining zone 308 detectors incapable of performing their fire detection notification to the Control Room if needed. The one hour restoration time limit required by Technical Specification (T/S) 3.3.3.7 Action b was not met.

This event occurred as a result of Operators failing to follow procedures to reset the zone 308 alarm or establish the required fire watches. A major contributor to this event was the frequency of which this particular alarm is actuated due to cooking. In accordance with T/S 3.3.3.7 Action b, an hourly fire watch was required in each affected room. Fire watches had been established for seven rooms prior to this event. However, the five rooms listed below were unpatrolled for the duration of inoperability:

1. Room 3608 - Janitors Closet
2. Room 3618 - Control Building Electrical Chase North 2047' 6"
3. Control Building Electrical Chase South 2047' 6"
4. Room 3804 - Control Building Electrical Chase South 2073' 6"
5. Control Building Electrical Chase South 2073' 6"

No significant safety consequences resulted from this event. Each room not patrolled by fire watch personnel is isolated from other areas by fire barriers. Room 3608 contains no equipment vital to safely shutdown the plant and is in close proximity to the Control Room which is continuously manned. The cable chase rooms are isolated from chases with redundant cables (IEEE Std. 803A-1983, Component - CBL) and contain automatic wet pipe sprinkler systems (IEEE Std. 805-1983, System - KP) which actuate independent of alarms. Therefore, undetected fires within these rooms would not have prevented safe shutdown of the plant and there was no threat to the public health and safety.

In response to this event, the Incident Report was routed to Operators and Operating Supervisors for their review. A Callaway Modification Request was also initiated. This request will investigate the possibility of: 1) placing the pantry detector on a separate alarm circuit so that false alarms due to cooking will not affect other zone 308 detectors, or 2) replacing the pantry ionization detector with a heat detector which would eliminate false alarms.

Previous occurrences: none

UNION ELECTRIC COMPANY
CALLAWAY PLANT

MAILING ADDRESS:
P.O. BOX 620
FULTON, MO. 65251

August 9, 1985

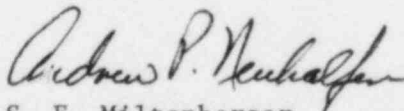
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ULNRC-1149

Gentlemen:

DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
FACILITY OPERATING LICENSE NPF-30
LICENSEE EVENT REPORT 85-032-00
TECHNICAL SPECIFICATION 3.3.3.7 VIOLATION

The enclosed Licensee Event Report is submitted pursuant to
10 CFR 50.73(a)(2)(1)(B) concerning the failure to meet the requirements
T/S 3.3.3.7 Action Statement b with the fire detectors of fire zone 308
incapable of providing alarm to the Control Room.

for 
S. E. Miltenberger
Manager, Callaway Plant

met *See file*
MET/WRR/SEMe/drs
Enclosure

cc: Distribution attached

IE22
1/1

cc distribution for ULNRC-1149

Mr. James G. Keppler
Regional Administrator
Office of Inspection & Enforcement
U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

American Nuclear Insurers
c/o Dottie Sherman, Library
The Exchange Suite 245
270 Farmington Avenue
Farmington, CT 06032

Records Center
Institute of Nuclear Power Operations
Suite 1500
1100 Circle 75 Parkway
Atlanta, GA 30339

Mr. Nicholas A. Petrick
Executive Director, SNUPPS
5 Choke Cherry Road
Rockville, Maryland 20850

Mr. J. H. Smith
Bechtel Power Corporation
SNUPPS Project
15740 Shady Grove Road
Gaithersburg, Maryland 20877-1454

NRC Resident Inspector
D. F. Schnell
J. F. McLaughlin
J. E. Davis (Z40LER)
D. W. Capone/R. P. Wendling
F. D. Field
R. L. Powers
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