

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Callaway Plant Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 4 8 3	PAGE (3) 1 OF 0 2
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TITLE (4)
Unplanned Reactor 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)
1	0	6	8	4	7	0	1	1			0 5 0 0 0
8	4	8	4	0	0	1	1	0			0 5 0 0 0

OPERATING MODE (9) 3	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 0	20.402(b)			20.406(c)			<input checked="" type="checkbox"/> 50.73(a)(2)(iv)			73.71(b)	
	20.406(a)(1)(i)			50.36(e)(1)			<input type="checkbox"/> 50.73(a)(2)(v)			73.71(c)	
	20.406(a)(1)(ii)			50.36(e)(2)			<input type="checkbox"/> 50.73(a)(2)(vii)			OTHER (Specify in Abstract below and in Text, NRC Form 306A)	
	20.406(a)(1)(iii)			50.73(a)(2)(i)			<input type="checkbox"/> 50.73(a)(2)(viii)(A)				
	20.406(a)(1)(iv)			50.73(a)(2)(ii)			<input type="checkbox"/> 50.73(a)(2)(viii)(B)				
	20.406(a)(1)(v)			50.73(a)(2)(iii)			<input type="checkbox"/> 50.73(a)(2)(ix)				

LICENSEE CONTACT FOR THIS LER (12)

NAME Charles D. Naslund - Superintendent, I&C	TELEPHONE NUMBER
	AREA CODE: 3 1 4 6 7 6 - 8 5 0 0

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS

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)

On 10/6/84 a technician was performing maintenance on the Source Range Nuclear Instrumentation power supply cables. For safety reasons, the technician removed both the instrument power and control power fuses to the Source Range high voltage power supply, unaware that the Reactor Trip Breakers were closed. As designed, removal of the control power fuses initiated a Source Range Hi Flux signal which in turn caused a Reactor Trip and Feedwater Isolation. All equipment and personnel performed as expected. The plant was restored from the trip using plant operating procedures.

The cause of this event was determined to be miscommunication on current plant status between the technician and Operations personnel. To prevent recurrence, the administrative procedure which controls the initiation and processing of Work Requests is being reviewed for revision to better inform the work groups and Operations personnel as to the consequence of a work activity. This review is expected to be complete by 11/16/84.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) Callaway Plant Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 4 8 3 8 4	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		84	047	00	02	OF 02

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

On 10/6/84 at 1437 CDT a Reactor Trip and Feedwater Isolation occurred due to a Source Range Hi Flux signal. Prior to this event, the plant was in Mode 3 with Reactor Coolant System temperature and pressure 557°F and 2235 psig, respectively.

An Instruments and Controls (I&C) technician was preparing to perform maintenance on the Source Range Nuclear Instrumentation high voltage power supply cables when this incident occurred. As a safety precaution the technician removed both the instrument power and control power fuses, unaware that the Reactor Trip Breakers were closed. With the Reactor Trip Breakers closed and the control power fuses removed, a Source Range Hi Flux signal was initiated, causing the Reactor Trip and Feedwater Isolation. All equipment and personnel performed as expected following the Reactor Trip.

Investigation revealed that frequent troubleshooting work on the Source Range cables had been in progress previously during the day of this event. The control power fuses had been removed and reinstalled several times during the course of the troubleshooting while the Reactor Trip breakers were open. Prior to removal of the fuses which caused this event, the technician informed the Control Room of his intentions. However, Operations personnel did not inform the technician that plant conditions had changed and the Reactor Trip Breakers had been closed. The control power fuses were then removed, causing the Reactor Trip.

The cause of this event was determined to be insufficient pre-planning which led to miscommunication between the technician and Operations personnel on current plant status. A revision to administrative procedure APA-ZZ-00320, "Initiating and Processing Work Requests," is being reviewed which would provide an attachment to the work documents to better inform the work groups and Operations personnel as to the consequence of a work activity. The review of the proposed revision to APA-ZZ-00320 is expected to be completed by 11/16/84.

There was no damage to plant equipment or release of radioactivity as a result of this incident. At no time did this event pose a threat to the public health or safety.

Previous occurrences: none

UNION ELECTRIC COMPANY
CALLAWAY PLANT

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

November 2, 1984

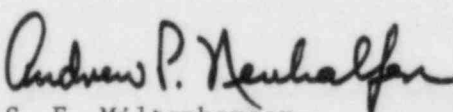
U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

ULNRC-963

DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
FACILITY OPERATING LICENSE NPF-30
LICENSEE EVENT REPORT 84-047-00
UNPLANNED REACTOR TRIP

Gentlemen:

The enclosed Licensee Event Report is submitted pursuant
to 10 CFR 50.73(a)(2)(iv) concerning an inadvertent Reactor Trip.

for 
S. E. Miltenberger
Manager, Callaway Plant

CDN/WRR/JMS/drs
Enclosure

cc: Distribution attached

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cc distribution for ULNRC-963

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