



January 22, 1997

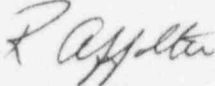
U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
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ULNRC-03521

Gentlemen:

**DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
FACILITY OPERATING LICENSE NPF-30
LICENSEE EVENT REPORT 96-008-00
MISSED TECHNICAL SPECIFICATION 4.8.2.1.A SURVEILLANCE OF 125-
VDC BATTERIES DUE TO COGNITIVE PERSONNEL ERROR**

The enclosed licensee event report is submitted pursuant to 10CFR50.73(a) (2) (i) (B) as a condition prohibited by the plant's Technical Specifications.


R. D. Affolter
Manager, Callaway

RDA/HDB/MNF/rjp

Enclosure

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PDR ADOCK 05000483
S PDR

IF22/1

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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 3
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TITLE (4) Missed Technical Specification 4.8.2.1.a Surveillance of 125-VDC batteries due to Cognitive Personnel Error	
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EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)		
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REV NO	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)
1 2 3	9 6	9 6	- 0 0 8	- 0 0	0 1	2 2	9 7				0 5 0 0 0

OPERATING MODE (9)	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR (Check one or more of the following) (11)				
POWER LEVEL (10) 0 1 9	<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.405(c)	<input type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)	
	<input type="checkbox"/> 20.405(a)(1)(i)	<input type="checkbox"/> 50.36(c)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(c)	
	<input type="checkbox"/> 20.405(a)(1)(ii)	<input type="checkbox"/> 50.36(c)(2)	<input type="checkbox"/> 50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)	
	<input type="checkbox"/> 20.405(a)(1)(iii)	<input checked="" type="checkbox"/> 50.73(a)(2)(i)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)		
	<input type="checkbox"/> 20.405(a)(1)(iv)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)		
<input type="checkbox"/> 20.405(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(x)			

LICENSEE CONTACT FOR THIS LER (12)		TELEPHONE NUMBER	
NAME H. D. Bono, Supervising Engineer, Site Licensing		AREA CODE	
		5 7 3 6 7 6 - 4 4 2 8	

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

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)

On 12/23/96, a system engineer analyzing data for the 12/20/96 weekly inspection on 'B' train 125 VDC batteries observed the surveillance data did not match the trend data for that bank of batteries and the charger component identifications recorded on the Data Sheet were for the 'A' train components. Work documents were immediately initiated to obtain the surveillance data again and verify if the data obtained on 12/20/96 was for 'B' train or 'A' train batteries. The results of the performance on 12/23/96 found all data to be within acceptance parameters for 'B' train batteries and confirmed the 12/20/96 surveillance had been performed on the 'A' train. The 'B' train batteries lacked a current surveillance from 12/22/96 at 0215 until 12/23/96 at 1300.

The root cause of this event is cognitive error by the electrician assigned to perform the 12/20/96 surveillance. He inadvertently entered one of the 'A' train battery rooms instead of the 'B' train battery rooms to start the surveillance. The work authorizing task sheet contains specific component identification numbers. However, the attached task description and procedures to perform the surveillance are written generically for use on both 'A' and 'B' trains. The individual involved has been counselled on the importance of attention to detail and self checking. To improve human factors to ensure future success the procedure has been revised to include a section to record the battery component, and the task description of the Surveillance Task Sheet will be revised to include the battery component numbers. The plant was in Mode 1, 100% power operation at the time of the event.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)	PAGE (3)
Callaway Plant Unit 1	0 5 0 0 0 4 8 3	YEAR	REV NO
		0 6 - 0 0 8 - 0 0	0 2 OF 0 3

TEXT (If more space is required, use additional NRC Form 365A's)(17)

DESCRIPTION OF EVENT:

T/S 4.8.2.1.a requires that the 125-Volt DC batteries¹ be surveillance tested at least once per 7 days. On 12/23/96, a systems engineer analyzing data for the 12/20/96 weekly inspection on the 'B' train batteries observed the surveillance data did not match the trend of data for that bank of batteries and that the charger component identifications recorded on the Data Sheet were for 'A' train components.

Work documents were immediately initiated to obtain the surveillance data again and verify if the data obtained on 12/20/96 was for 'B' train or 'A' train batteries. The results of the performance on 12/23/96 found all data to be within acceptance parameters for 'B' train batteries and confirmed the 12/20/96 surveillance had been performed on the 'A' train.

A review of past work documents determined that 'B' train batteries were successfully surveilled on 12/13/96. With the 25% extension allowed by T/S 4.0.2, this surveillance interval remained current until 12/22/96 at 0215. The 'B' train batteries lacked a current surveillance from 12/22/96 at 0215 until 12/23/96 at 1300.

BASIS FOR REPORTABILITY:

This event constitutes a condition prohibited by T/S and is reportable per 10 CFR 50.73(a)(2)(i)(B).

CONDITION AT TIME OF EVENT:

Mode 1, Power Operation-100% Power

ROOT CAUSE:

An internal event review team determined the primary cause of this event to be cognitive error by the electrician assigned to perform the 12/20/96 surveillance. He inadvertently entered one of the 'A' train battery rooms instead of the 'B' train battery rooms to start the surveillance. The work authorizing task sheet contains specific component identification numbers. However, the attached task description and procedures to perform the surveillance are written generically for use on both 'A' and 'B' trains.

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Callaway Plant Unit 1	0 5 0 0 0 4 8 3	YEAR	SEQUENTIAL NUMBER	REV NO			
		9 6 -	0 0 8 -	0 0	0 3	OF	0 3

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

CORRECTIVE ACTIONS:

1. The individual involved has been counselled on the importance of attention to detail and self checking
2. To improve human factors to ensure future success:
 - a. Procedure MSE-NK-QB001, "Weekly Inspection on Large Stationary Batteries" has been revised to include a section to record the battery component numbers being surveilled.
 - b. The task description of the Surveillance Task Sheet will be revised to include the battery component numbers.

SAFETY SIGNIFICANCE:

Satisfactory performance of the surveillance requirements on 12/23/96 determined that the 'B' train batteries were Operable for the period in question and therefore this event did not pose a threat to public health or safety.

PREVIOUS OCCURRENCES:

None

FOOTNOTES:

The system and component codes listed below are from IEEE Standards 805-1984 and 803A-1983 respectively:

- 1) System- EI, Component- Btry