

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	
TITLE (4) Loss of Sample Flow for Unit Vent Wide Range Gas Monitor																					
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)						
0 6 1	8 8 4	8 4	8 4	0 0 7	0 0	0 7 1	8 8 4								0 5 0 0 0						
OPERATING MODE (9) 6			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)																		
POWER LEVEL (10) 0 0 10		20.402(b)				20.405(e)				50.73(a)(2)(iv)				73.71(b)							
		20.405(a)(1)(i)				50.38(c)(1)				50.73(a)(2)(v)				73.71(e)							
		20.405(a)(1)(ii)				50.38(c)(2)				50.73(a)(2)(vii)				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)											
		20.405(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)											
		20.405(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(ix)											
LICENSEE CONTACT FOR THIS LER (12)																					
NAME James Earl Davis - Superintendent, Compliance										TELEPHONE NUMBER 3 1 4 6 7 6 - 8 2 3 6											
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)										X NO											
ABSTRACT (Limit to 1400 spaces, i.e. approximately fifteen single-space typewritten lines) (16)																					

On 6/18/84 the sample pump for the Unit Vent Wide Range Gas Monitor (WRGM) was turned off due to operator error, therefore causing the Unit Vent WRGM to alarm on low flow. The loss of sample flow put Technical Specification 3.3.10 action (b) into effect requiring continuous auxiliary sampling of iodine and particulate. Due to the fact that continuous auxiliary sampling was not initiated, this event is reported pursuant to 10 CFR 50.73(a)(2)(i). Upon discovery, the sample pump was started reinitializing sample flow from the Unit Vent WRGM.

Due to the plant operating condition, this event had no effect on power operations. There was no effect on public health or safety.

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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 8 4 - 0 0 6 - 0 0 0 2	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
					OF	

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

On 6/18/84 at 0802 CDT, the sample pump for Unit Vent Wide Range Gas Monitor GT-RE-21B was turned off due to operator error, causing loss of sample flow to GT-RE-21B. The loss of sample flow put Technical Specification 3.3.10 action (b) into effect. Action (b) requires 1) a grab sample for noble gases be taken every 12 hours, and 2) a continuous sample for iodine and particulate be taken by auxiliary sampling equipment. The condition was first discovered at 1320 on 6/18/84 during Health Physics' routine check of radiation monitor skids. It was discovered at this time that there was no flow through the sampler for GT-RE-21B. The Control Room was notified, but no action was taken due to the miscommunication of which radiation monitor was malfunctioning. At 1425 during Health Physics' routine check of radiation monitors on the RM-11 radiation monitor control and display module, it was discovered that there was still no sample flow through GT-RE-21B. Sample flow was immediately reinitiated to GT-RE-21B via the RM-11.

The required continuous sample for iodine and particulate was not commenced due to the Shift Supervisor's interpretation that the 12-hour grab sample for noble gases would also suffice for the iodine and particulate. The 12-hour grab sample for noble gases was waived due to the problem being resolved and the channel returned to service within 12 hours.

After further investigation, it was concluded that the 12-hour grab sample did not satisfy the continuous sample requirements for iodine and particulate. Therefore, this event is being reported pursuant to 10 CFR 50.73(a)(2)(i).

Actions taken to prevent recurrence are as follows: 1) An alarm response procedure has been issued for RM-11 and RM-23 radiation monitor control and display modules. 2) A training program has been developed for the radiation monitors console operation relative to the Technical Specifications. This training includes alarm response pattern, the alarm printout, and other applicable information relative to the operation of the RM-11 and RM-23 consoles. 3) Provided additional training for operations supervisory personnel on the Technical Specifications. 4) Design changes (Callaway Modification Request 84-0232A) have been initiated for an audible alert for the RM-11 and re-flash capability on the main control board for monitor failures from both RM-11 and RM-23. 5) Radiation monitors GT-RE-10A and GT-RE-21A are now on line (these are backup monitors for sampling of iodine and particulate).

Due to the plant operating condition, this event had no effect on power operations. There was no effect on public health or safety.

Previous occurrences: none

UNION ELECTRIC COMPANY
CALLAWAY PLANT

July 18, 1984

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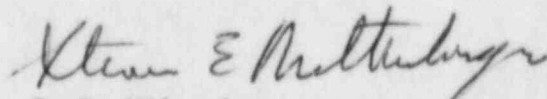
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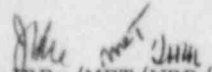
ULNRC-874

DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
LICENSEE EVENT REPORT 84-006-00
LOSS OF SAMPLE FLOW FOR
UNIT VENT WIDE RANGE GAS MONITOR

Gentlemen:

The enclosed Licensee Event Report is submitted pursuant to
10 CFR 50.73(a)(2)(i) concerning the loss of sample flow to the unit
vent wide range gas monitor.


S. E. Miltenberger


JP/Pe/MET/WRR/RRG/drs
Enclosure

cc: Distribution attached

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cc distribution for ULNRC-874

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