

NRC Form 306  
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION  
APPROVED OMB NO. 3150-0104  
EXPIRES 8/31/85

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Grand Gulf Nuclear Station - Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 4 1 6	PAGE (3) 1 OF 0 2
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TITLE (4)  
Radioactive Gaseous Waste Surveillance Inadequate

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		
0	5	1 9 8 4	8 4	0 3 5	0 0	0 8	2 4	8 4	NA		
									DOCKET NUMBER(S)		
									0 5 0 0 0		
									0 5 0 0 0		

OPERATING MODE (9) 2	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)									
POWER LEVEL (10) 0 0 4	20.402(b)	20.406(a)	80.73(a)(2)(iv)	73.71(b)						
	20.406(a)(1)(i)	80.36(e)(1)	80.73(a)(2)(v)	73.71(c)						
	20.406(a)(1)(ii)	80.36(e)(2)	80.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 365A)						
	20.406(a)(1)(iii)	<input checked="" type="checkbox"/> 80.73(a)(2)(i)	80.73(a)(2)(viii)(A)							
	20.406(a)(1)(iv)	80.73(a)(2)(ii)	80.73(a)(2)(viii)(B)							
20.406(a)(1)(v)	80.73(a)(2)(iii)	80.73(a)(2)(x)								

LICENSEE CONTACT FOR THIS LER (12)		TELEPHONE NUMBER	
NAME Ronald W. Byrd/Licensing Engineer	AREA CODE 6 0 1	4 3 7	- 2 1 4 1 9

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) <input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE) <input checked="" type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR

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

Chemistry personnel discovered that analyses performed on radioactive gaseous waste samples taken on May 19, 1984, were inadequate causing the surveillance test frequency to be exceeded. The analyses were not performed on separate spectra which in effect voided the tests. The responsible chemist apparently pressed the wrong computer key for the spectra. Computer software changes will be made to minimize recurrence.

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NRC Form 366A  
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
Grand Gulf Nuclear Station - Unit 1	0500041684	-	035	-	00	2 OF 2

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

On August 2, 1984, the GGNS Chemistry Department discovered that a surveillance performed on May 19, 1984, was inadequate. Technical Specifications require radioactive gaseous waste sampling of the Fuel Handling Area Ventilation Exhaust to be performed weekly and once per 24 hours for at least 7 days following shutdown or startup.

A reactor startup commenced on May 11, 1984. The samples were taken and analyzed from May 12 to May 19. The next analysis was performed on May 26. Since the analyses on May 19 were performed on the same spectra, the surveillance test is considered inadequate and the test frequency was not met. The review also revealed that analyses of the Containment Ventilation Exhaust particulate sample performed on May 19 was analyzed using the same spectra and was therefore unsatisfactory.

The cause of the event is attributed to personnel error. The Chemist responsible apparently pressed the wrong computer key to select the spectrum. Computer software changes will be made to minimize the probability of recurrence.



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

August 24, 1984

NUCLEAR LICENSING & SAFETY DEPARTMENT

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

Gentlemen:

SUBJECT: Grand Gulf Nuclear Station  
Unit 1  
Docket No. 50-416  
License No. NPF-13  
File: 0260/L-835.0  
Radioactive Gaseous Waste  
Surveillance Inadequate  
LER 84-035-0  
AECM-84/0428

Attached is Licensee Event Report (LER) 84-035-0 which is a final report.

Yours truly,

*L. F. Dale*

*for* L. F. Dale  
Director

EBS/SHH:rg  
Attachment

cc: Mr. J. B. Richard (w/a)  
Mr. R. B. McGehee (w/o)  
Mr. N. S. Reynolds (w/o)  
Mr. G. B. Taylor (w/o)

Mr. Richard C. DeYoung, Director (w/a)  
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