

050-416

NRC Form 366
(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					PAGE (3) 1 OF 0 3		
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TITLE (4)

Emergency Filtration System Charcoal Adsorber Test Not Performed

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	4	1	2	8	5	8	5	0	1	7	0	0	0	5	1	3	8	5	NA	0 5 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) 0 7 10	20.402(b)	20.406(a)(1)(i)	20.406(a)(1)(ii)	20.406(a)(1)(iii)	20.406(a)(1)(iv)	20.406(a)(1)(v)	20.406(c)	50.38(e)(1)	50.38(e)(2)	50.73(a)(2)(i)	50.73(a)(2)(ii)	50.73(a)(2)(iii)	50.73(a)(2)(iv)	50.73(a)(2)(v)	50.73(a)(2)(vi)	50.73(a)(2)(vii)(A)	50.73(a)(2)(vii)(B)	50.73(a)(2)(viii)	73.71(b)	73.71(c)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	X																				

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

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)										NO				

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

On April 12, 1985, Operations personnel discovered that a charcoal adsorber sample for train A of the control room emergency filtration system had not been removed and analyzed as required by Technical Specification 4.7.2.c. This is required after every 720 hours of operation. The analysis was performed and the results confirmed that the filters were functional. Procedures are being revised to preclude recurrence.

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NRC Form 365A
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
Grand Gulf Nuclear Station - Unit 1	0 5 0 0 0 4 1 6 8 5	—	0 1 7	—	0 0 0	2	OF 0 3

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

Description of Reportable Occurrence

On April 12, 1985 at 1530, Operations personnel discovered that a charcoal adsorber sample for the A train of the control room emergency filtration system had not been removed and analyzed as required by Technical Specification 4.7.2.c. This is required after every 720 hours of operation.

Initial Conditions

The plant was operating at approximately 70% power when the condition was discovered.

Nature of Occurrence

Technical Specification 4.7.2.c requires a representative carbon sample be obtained after every 720 hours of charcoal adsorber operation and analyzed within 31 days to demonstrate system operability. The surveillance was due no later than March 26, 1985.

The system cumulative operating time is logged daily by Operations on a surveillance procedure data sheet. The procedure requires Operations to notify the Health Physics department when the cumulative time reaches approximately 700 hours of operation to perform the charcoal sample surveillance procedure. In August 1984, the responsibility for this surveillance was transferred from the Health Physics department to the Maintenance department. The daily log data sheet was not revised to require the notification of a different department when the surveillance was due.

Immediate Corrective Actions Taken

Train "A" of the control room emergency filtration system was declared inoperable and removed from service for test of the charcoal sample. The test was completed and the unit was restored to operable status on April 13, 1985 at 1030.

Apparent Cause

The procedure error led to a failure to notify the appropriate organization when exceeding 700 hours of operation. There was no followup mechanism in the procedure to assure that the surveillance was performed within required time limits.

Supplemental Corrective Action

The daily log data sheet is being revised to require notification of the Mechanical Maintenance Superintendent after 720 hours of operation. Documentation of this notification will be required on the data sheet.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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

Operating time meters will be installed on each filter train to allow maintenance personnel to track cumulative operating time without reliance on notification from another department.

An MP&L special investigation by the Quality Assurance Department was initiated promptly after the discovery of the missed surveillance to determine the cause (as described above) and whether the cause was generic in nature. The investigation concluded that the missed surveillance of Technical Specification 4.7.2.c did not have generic implications. Affected departments of GGNS Plant Staff are currently performing a comprehensive review of non-routine surveillances to provide assurance that administrative control of these type surveillances is adequate. This review is expected to be complete during May 1985. Pending the results of the review, further administrative controls will be instituted if required.

Safety Assessment

The results of the analysis confirmed that the charcoal filters met the functional requirements of Technical Specification 4.7.2.c.



MISSISSIPPI POWER & LIGHT COMPANY

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May 13, 1985

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-29
File: 0260/L-835.0
Emergency Filtration System
Charcoal Adsorber Test Not
Performed
LER 85-017-0
AECM-85/0156

Attached is Licensee Event Report (LER) 85-017-0 which is a final report.

Yours truly,

L. F. Dale
Director

EBS/SHH:rw
Attachment

cc: Mr. J. B. Richard (w/a)
Mr. O. D. Kingsley, Jr. (w/a)
Mr. R. B. McGehee (w/a)
Mr. N. S. Reynolds (w/a)
Mr. G. B. Taylor (w/o)
Mr. R. C. Butcher (w/a)

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