

NRC Form 386
(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 02
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TITLE (4)

Failure to Take Conductivity Measurements

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)	
04	30	84	84	023	00	05	30	84	NA	0 5 0 0 0 0	
										0 5 0 0 0 0	

OPERATING MODE (9) 2	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)										
POWER LEVEL (10) 01014	20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)							
	20.405(a)(1)(i)	50.38(c)(1)	50.73(a)(2)(v)	73.71(c)							
	20.405(a)(1)(ii)	50.38(c)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 386A)							
	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)(vii)(B)								
	20.405(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(ix)								

LICENSEE CONTACT FOR THIS LER (12)

NAME Jerry L. Parker/Licensing Engineer	TELEPHONE NUMBER 6 0 1 4 3 7 - 2 1 4 9
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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)

YES (If yes, complete EXPECTED SUBMISSION DATE)	X NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR

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

At 0930 hours on April 30, 1984, all reactor coolant continuous conductivity monitors were inoperable. When this occurs in modes 1, 2 and 3 the Technical Specifications require obtaining in-line conductivity measurements at least once per 4 hours. For 10.5 hours from 0930 till 2000 hours this was not done.

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NRC Form 365A
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
Grand Gulf Nuclear Station - Unit 1	0 5 0 0 0 4 1 6	8 4	— 0 2 3	— 0 0	0 2	OF	0 2

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

On April 30, 1984, the plant was in startup (mode 2) operating at 3.5% power. The Reactor Recirculation (RR) conductivity monitor was inoperable due to a failed surveillance; however, operations personnel were unaware of this fact. At 0930 hours, the Reactor Water Cleanup (RWCU) System was isolated from the reactor vessel which made its conductivity monitor inoperable. Chemistry personnel were not informed of this fact. With all reactor coolant continuous conductivity monitors inoperable, as they were, Technical Specifications require obtaining an in-line conductivity measurement at least once per 4 hours. Due to lack of communications between operations and chemistry personnel, no one realized that both monitoring systems were inoperable and no measurements were taken until 2000 hours.

Operations personnel have been instructed to inform chemistry any time RWCU is isolated since this makes the conductivity monitor inoperable. Chemistry personnel have been instructed to report to the Shift Supervisor any failed surveillances as soon as it is identified since this affects operability requirements in the Technical Specifications. Improved communications should prevent a recurrence of this type of event. There were no safety consequences resulting from the event. This is a final report.



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

May 30, 1984

NUCLEAR PRODUCTION 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
Failure to Take Conductivity
Measurements
LER 84-023-0
AECM-84/0288

Attached is Licensee Event Report (LER) 84-023-0 which is a final report.

Yours truly,

L. F. Dale

Director of Nuclear Licensing & Safety

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)

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