

NRC Form 388
(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 1 6	PAGE (3) 1 OF 2
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TITLE (4)
Containment Isolation of RWC System

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)									
1	0	1	7	8	4	8	4	0	4	6	0	0	1	1	1	6	8	4	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 1 6	20.402(b)	20.405(c)	<input checked="" type="checkbox"/>	50.73(a)(2)(iv)	73.71(b)						
	20.405(a)(1)(i)	50.38(a)(1)		50.73(a)(2)(v)	73.71(c)						
	20.405(a)(1)(ii)	50.38(a)(2)		50.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 388A)						
	20.405(a)(1)(iii)	50.73(a)(2)(i)		50.73(a)(2)(vii)(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)		TELEPHONE NUMBER	
NAME Ronald W. Byrd/License Engineer	AREA CODE 6 10 1 1	6 10 1 1 4 3 1 7 1 2 1 1 4 1 9	

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)											
CAUSE	SYSTEM	COMPONENT	MANUFAC. TURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFAC. TURER	REPORTABLE TO NPROS		

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)

The Reactor Water Cleanup System Containment isolation valves isolated on a false RWC Room 2 high differential temperature signal. The cause is undetermined. Maintenance will monitor equipment and future performance of a related surveillance that was in progress at the time of the event to identify possible causes.

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PDR ADOCK 05000416
S PDR

NRC Form 365A
(9-83)

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 4 6	— 0 0	0 2	OF	0 2

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

On October 17, 1984, at 1450 hours, the Reactor Water Cleanup (RWCU) system containment isolation valves isolated on a false RWCU Room 2 high differential temperature signal. The trip signal cleared itself after approximately 40 seconds. Operators verified the room temperature to be 80°F. The system was restored to operation in approximately 30 minutes.

Maintenance personnel investigating found no equipment problems. However, a leak detection surveillance was being performed for the Reactor Core Isolation Cooling (RCIC) system at the time of the event. The leads for the instrument which caused the isolation are in the same panel as the leads for the instrument that was being tested. It could not be determined if there was a relationship between the surveillance and isolation. The leads are numbered differently and located on a different modulus.

Maintenance will monitor equipment and surveillance performance for possible causes. Previous RWCU isolations were reported as LERs 84-17 and 84-22.

There were no safety consequences as a result of this event. The isolation valves operated in a conservative manner. Should the RWCU system be inoperable for an extended period, grab samples taken every four hours (as required by Technical Specifications) would detect changes in Reactor Coolant chemistry.



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

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NUCLEAR LICENSING & SAFETY DEPARTMENT

November 16, 1984

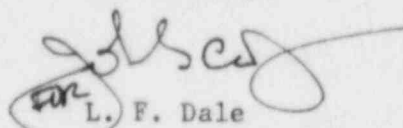
Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Gentlemen:

SUBJECT: Grand Gulf Nuclear Station
Unit 1
Docket No. 50-416
License No. NPF-29
File: 0260/L-835.0
Containment Isolation of RWC
System
LER 84-046-0
AECM-84/0514

Attached is Licensee Event Report (LER) 84-046-0 which is a final report.

Yours truly,


L. F. Dale
Director

EBS/SHH:rw
Attachment

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

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