

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 1				PAGE (3) 1 OF 2	
TITLE (4) Spurious Reactor Water Cleanup Isolation															
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 NA				DOCKET NUMBER(S) 0 5 0 0 0		
0 6	0 5	8 5	8 5	0 2 2	0 0 0	7 0	3 8	5					0 5 0 0 0		
OPERATING MODE (9) 4		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8: (Check one or more of the following) (11)													
POWER LEVEL (10) 0 1 0 0		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(c)(1)				<input type="checkbox"/> 50.73(a)(2)(v)				73.71(c)	
		20.405(a)(1)(ii)				50.38(c)(2)				<input type="checkbox"/> 50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)	
		20.405(a)(1)(iii)				50.73(a)(2)(i)				<input type="checkbox"/> 50.73(a)(2)(viii)(A)					
		20.405(a)(1)(iv)				50.73(a)(2)(ii)				<input type="checkbox"/> 50.73(a)(2)(viii)(B)					
		20.405(a)(1)(v)				50.73(a)(2)(iii)				<input type="checkbox"/> 50.73(a)(2)(x)					
LICENSEE CONTACT FOR THIS LER (12)															
NAME Angela H. Horton/Licensing Engineer										TELEPHONE NUMBER 6 0 1 1 4 3 7 1 - 2 1 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)										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)

On June 5, 1985, a spurious Reactor Water Cleanup (RWC) isolation occurred when the area differential temperature READ/SET switch of a RWC temperature indicator was placed in the SET position.

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NRC Form 366A
(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 5	—	0 2 2	—	0 0 0	2	OF 0 2

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

Description of Reportable Occurrence

On June 5, 1985 at 1635 a spurious Reactor Water Cleanup (RWCU) isolation occurred.

Initial Conditions

The plant was in cold shutdown.

Status of Redundant or Backup Systems

Not applicable.

Nature of Occurrence

An operator was checking RWCU temperature indicators to determine the cause of an RWCU area differential temperature high alarm that had been received in the control room. When he placed the READ/SET switch of the N622A temperature indicator in the SET position, RWCU isolated.

Immediate Corrective Action

The isolation was reset. The switch was checked, and RWCU was returned to service.

Apparent Cause

The cause of the isolation signal from the temperature switch could not be determined.

Supplemental Corrective Action

The operations procedures will be changed to bypass appropriate temperature trip logic while reading individual temperature switches to avoid spurious system isolations.

MP&L is conducting an investigation to determine corrective actions needed to eliminate spurious isolations caused by the Leak Detection System (E31).

Safety Assessment

The isolation of RWCU does not effect plant safety or power generation.



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

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NUCLEAR LICENSING & SAFETY DEPARTMENT

July 3, 1985

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
Spurious Reactor Water
Cleanup Isolation
LER 85-022-0
AECM-85/0207

Attached is Licensee Event Report (LER) 85-022-0 which is a final report.

Yours truly,

L. F. Dale
Director

JRM/EBS/SHH:clr
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)
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