

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 4 1 1 6	PAGE (3) 1 OF 0 2
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TITLE (4) Spurious Reactor Water Cleanup Isolation		
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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 6	0 5	8 5	8 5	0 2 2	0 1	0 7	1 9	8 5	NA		0 5 0 0 0
											0 5 0 0 0

OPERATING MODE (9) 4 POWER LEVEL (10) 0 1 0 1 0	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8. (Check one or more of the following) (11)											
	20.402(b)			20.405(c)			<input checked="" type="checkbox"/> 50.73(a)(2)(iv)			73.71(b)		
	20.405(a)(1)(i)			50.36(c)(1)			50.73(a)(2)(v)			73.71(c)		
	20.405(a)(1)(ii)			50.36(c)(2)			50.73(a)(2)(vi)			OTHER (Specify in Abstract below and in Text, NRC Form 366A)		
	20.405(a)(1)(iii)			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)(viii)(B)					
20.405(a)(1)(v)			50.73(a)(2)(iii)			50.73(a)(2)(ix)						

LICENSEE CONTACT FOR THIS LER (12)									
NAME Angela H. Horton/Licensing Engineer								TELEPHONE NUMBER	
								AREA CODE 6 1 0 1 1	4 1 3 7 1 - 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 NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC		

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 an RWC temperature indicator was placed in the SET position. The isolation was reset. The switch was checked, and RWC was returned to service.

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

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NRC Form 365A
(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 (8)			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 1	0 2	OF	0 2

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

P. O. BOX 1640, JACKSON, MISSISSIPPI 39215-1640

July 19, 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
Spurious Reactor Water Cleanup
Isolation
LER 85-022-1
AECM-85/0221

Attached is Licensee Even. Report (LER) 85-022-1 which is a final report.

Yours truly,

L. F. Dale
Director

EBS/SHH:vog
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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