

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 6	PAGE (3) 1 OF 0 2
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TITLE (4)

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		DOCKET NUMBER(S)
0	6	2	5	8	5	0	2	5	0	0	0
0	7	2	4	8	5	N/A		0		5	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 8 7	20.402(b)	20.405(e)	<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)	50.38(c)(2)		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)		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)(x)								

LICENSEE CONTACT FOR THIS LER (12)

NAME Angela H. Horton/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)	<input checked="" type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR

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

On June 25, 1985 a Reactor Water Cleanup (RWCU) temperature switch was being returned to service when a jumper was removed from the 1H13-P623 panel in accordance with an approved procedure. When the jumper was removed, a fuse blew causing a loss of power to the RWCU containment isolation logic relay. An RWCU outboard isolation occurred.

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NRC Form 366A  
(9-83)

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

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 5	— 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 25, 1985 at 1102 the Reactor Water Cleanup (RWCU) System isolated. The closing of the RWCU containment isolation valve is considered an ESF actuation.

Initial Conditions

The plant was operating at approximately 87 percent reactor power.

Status of Redundant or Backup Systems

Not applicable.

Nature of Occurrence

An RWCU temperature switch was being returned to service in accordance with an approved maintenance procedure (07-S-53-G33-4). The switch's function is to close the isolation valve on a high temperature signal to prevent overheating the resins. A jumper had been used to prevent the RWCU temperature switch from closing the RWCU isolation valve while the switch was being worked on (the jumper was connected using installed banana jacks). Communication was established between the Control Room and technicians during the jumper removal. When the jumper was removed from the 1H13-P623 panel in accordance with the procedure, a fuse blew causing a loss of power to the RWCU containment isolation logic relay. An RWCU outboard isolation occurred.

Immediate Corrective Actions Taken

The F18 fuse was replaced and the RWCU isolation was reset.

Apparent Cause

While the technician was removing the jumper, it shorted causing the F18 fuse in the P623 panel to blow resulting in the isolation.

Supplemental Corrective Action

This is considered to be an isolated incident and no further corrective actions are considered necessary.

Safety Assessment

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

DOCUMENT SCREENING RECORD SHEET

Document Screened: LER 85-025-0 (AECM-85/0220)

Condition being reviewed: Reactor Water Cleanup Isolation

Conclusion:

- ☐ Deviation requiring evaluation (10CFR21)
- ☐ Deficiency requiring evaluation (10CFR50.55(e))
- ☒ No further evaluation required

Remarks: On June 25, 1985 a Reactor Water Cleanup (RWCu) temperature switch was being restored to service when a jumper was removed from the 1H13-P623 panel in accordance with an approved procedure (07-S-53-G33-4). When the jumper was removed, a fuse (F18) blew causing a power loss to the RWCu containment isolation logic relay. An RWCu outboard isolation occurred. The fuse (F18) was replaced and the RWCu isolation was reset. While the technician was removing the jumper, it shorted blowing the F18 fuse. This is considered to be an isolated incident and no further corrective actions are considered necessary.

Screened by: E. B. Shingleton  
Date: 7/10/85

Reviewed by: Sam H. Hobbs  
Date: 7/22/85



SCREENING FOR DEVIATIONS AND DEFICIENCIES  
ATTACHMENT I to Procedure 1.7

REV. 0	DATE OCT 24 1984
PAGE 1 of 1	



MISSISSIPPI POWER & LIGHT COMPANY

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July 24, 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  
Reactor Water Cleanup Isolation  
LER 85-025-0  
AECM-85/0220

Attached is Licensee Event Report (LER) 85-025-0 which is a final report.

Yours truly

L. F. Dale  
Director

JRM/EBS/SHH:vog  
Attachment

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