

NRC Form 363
(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 1DOCKET NUMBER (2)
0 5 0 0 0 4 1 6
PAGE (3)
1 OF 0 1 1TITLE (4)
RPS Bus Breaker Trips Resulting in Loss of SDC

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
01	27	84	84	002	00	02	06	84	NA
									DOCKET NUMBER(S) 0 5 0 0 0

OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 50. (Check one or more of the following) (11)									
POWER LEVEL (10)	01010	20.402(b)	20.405(e)	50.73(a)(2)(iv)	73.71(b)						
		20.405(a)(1)(i)	50.36(e)(1)	50.73(a)(2)(v)	73.71(e)						
		20.405(a)(1)(ii)	50.36(e)(2)	50.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 365A)						
		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
Ronald Byrd/Licensing EngineerTELEPHONE NUMBER
AREA CODE
61011 413171-1211419

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)

YES / NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
X YES / NO	NO	0	3	1084

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

Since January 7, 1984, several instances of RPS bus breaker trips have resulted in a loss of Shutdown Cooling. Date of occurrences were January 7, 9, 11, 14, 19, and 20.

Redundant trains of the shutdown cooling mode of RHR are supplied through a common inlet containing two motor operated valves in series. The isolation logic for these valves receive power from the RPS bus. Loss of either RPS bus causes one or the other isolation valve to fail shut, causing a total loss of shutdown cooling.

The cause of the trips is undetermined, however, we are continuing to investigate. The results of the investigation will be included in a followup report.

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PDR ADOCK 05000416
S PDR

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MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

February 6, 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
RPS Bus Breaker Trips
Resulting in Loss of SDC
LER 84-002-0
AECM-84/0068

Attached is interim Licensee Event Report (LER) 84-002-0.

Yours truly,

L. F. Dale
Manager of Nuclear Services

EBS/SHH:sad
Attachment

cc: Mr. J. B. Richard (w/a)
Mr. R. B. McGehee (w/o)
Mr. T. B. Conner (w/o)
Mr. G. B. Taylor (w/o)

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