

Page 1 of 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
01	L 6 0 5 0 0 0 4 1 6 7	0 9 0 1 8 3	8 1 0 0 3 8 3
7	60	74	75

02 On 9/1/83, after shifting the RPS power supply to the alternate source
03 for surv. testing, the alternate supply breaker tripped causing an
04 isolation of Shutdown Cooling, a reactor half-scam, and a Control Room
05 SFAU isolation. The power was switched back to the motor generator sets
06 and Shutdown Cooling was restored within 6 minutes. The event had no
07 affect on the health and safety of the public and did not constitute a
08 threat to plant safety. This is reported pursuant to T.S.6.9.1.13.b.

7 8 9

0 9

7 8

SYSTEM CODE 9 10 11

CAUSE CODE 11 12

CAUSE SUBCODE 12 13

COMPONENT CODE 13 14

COMP. SUBCODE 14 15

VALVE SUBCODE 15 16

EVENT YEAR 17 18 19

SEQUENTIAL REPORT NO. 19 20 21

OCCURRENCE CODE 21 22

REPORT TYPE 22 23

REVISION NO. 23 24

LER/RO REPORT NUMBER 24 25

ACTION TAKEN 25 26

FUTURE ACTION 26 27

EFFECT ON PLANT 27 28

SHUTDOWN METHOD 28 29

HOURS 29 30

ATTACHMENT SUBMITTED 30 31

NPRD-4 FORM SUB. 31 32

PRIME COMP. SUPPLIER 32 33

COMPONENT MANUFACTURER 33 34

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 34 35

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The event occurred prior to installation of Design Change Package 83/378

1 1 which replaced the distribution transformer on the unregulated alternate

1 2 power source with a voltage regulator. The previous design was

1 3 susceptible to plant transients causing an undervoltage protection

1 4 device to trip. The DCP has been implemented to prevent recurrence.

7 8 9
FACILITY STATUS
1 5 6 28
% POWER 0 0 0 29
OTHER STATUS 30 NAA
METHOD OF DISCOVERY 31 A
DISCOVERY DESCRIPTION 32 Operational Event
80

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 7 33 7 34 NA

AMOUNT OF ACTIVITY (35)

LOCATION OF RELEASE (36)

NA

4C 80

PERSONNEL EXPOSURES		TYPE		DESCRIPTION (36)
NUMBER				
1	7	37	7	38 NA

PERSONNEL INJURIES		DESCRIPTION (41)		8310170474 831003	
NUMBER				PDR ADOCK 05000416	
1	8	0	0	S	PDR

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8 9 10 PUBLICITY
ISSUED DESCRIPTION (45)
2 0 N 44 NA
7 8 9 10 68 69 80 NRC USE ONLY

NAME OF PREPARER Ron Byrd

PHONE:

NAC USE ONLY

000017-926



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

October 3, 1983

NUCLEAR PRODUCTION DEPARTMENT

U. S. Nuclear Regulatory Commission
Region II
101 Marietta St., N.W., Suite 2900
Atlanta, Georgia 30303

Attention: Mr. J. P. O'Reilly, Regional Administrator

Dear Mr. O'Reilly:

SUBJECT: Grand Gulf Nuclear Station

Unit 1

Docket No. 50-416

License No. NPF-13

File 0260/L-835.0

Alternate Supply Breaker Trip

Causes Isolation of

Shutdown Cooling, a Reactor

Half-Scram, and a Control

Room SFAU Isolation.

LER 83-137/03 L-0

AFCM-83/0626

On September 1, 1983, after shifting the RPS power supply to the alternate source for surveillance testing, the alternate supply breaker tripped causing an isolation of shutdown cooling, a reactor half-scrum, and a Control Room Standby Fresh Air Unit isolation. The power was switched back to the motor generator sets and shutdown cooling was restored within six minutes. This is reported pursuant to Technical Specification 6.9.1.13.b. Attached is LER 83-137/03 L-0 which is a final report.

Yours truly,

L. F. Dale

for L. F. Dale

Manager of Nuclear Services

EBS/SHH:sap
Attachment

cc: (See Next Page)

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MISSISSIPPI POWER & LIGHT COMPANY

AECM-83/0626

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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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Office of Inspection & Enforcement
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