

## LICENSEE EVENT REPORT

Attachment to AECM-83/0621

Page 1 of 1

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 7 8 9 M S E G S 1 2 0 0 - 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5  
LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CON'T  
01 7 8 REPORT SOURCE L 6 0 5 0 0 0 4 1 6 7 0 8 2 9 8 3 8 0 9 2 8 8 3 9  
DOCKET NUMBER 60 61 EVENT DATE 74 75 REPORT DATE 80

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On August 29, 1983, during a calibration surveillance on the RPS Reactor  
03 Water Level Channel B Loop, the output of the transmitter was discovered  
04 out of tolerance. This caused the low water level scram setpoint to  
05 exceed the allowable limit (10.8 inches) of T.S.2.2.1-1.4 by 2.4 inches.  
06 There was no effect on the health or safety of the public nor was there  
07 a threat to plant safety. This is reported pursuant to T.S.6.9.1.13.a.  
08 This is a final report.

09 7 8 SYSTEM CODE 11 I A 10 CAUSE CODE 11 E 12 CAUSE SUBCODE 13 E 14 INSTRU 15 T 16 Z 17  
COMP. SUBCODE 19 VALVE SUBCODE 20 REVISION NO. 32 9  
17 LER/RO REPORT NUMBER 31 8 3 22 23 1 3 4 24 25 0 3 26 27 0 3 28 29 L 30 31 32  
ACTION TAKEN 33 E 18 34 Z 19 35 Z 20 36 Z 21 37 0 0 0 38 39 0 0 0 40 41 N 22 42 N 24 43 N 25 44 R 3 6 9 47 26  
EVENT YEAR 31 32 SEQUENTIAL REPORT NO. 24 25 OCCURRENCE CODE 28 29 REPORT TYPE 30 31 COMPONENT MANUFACTURER 44 45  
FUTURE ACTION 34 EFFECT ON PLANT 35 SHUTDOWN METHOD 36 HOURS 37 ATTACHMENT SUBMITTED 41 N 22 42 N 24 43 N 25 44 R 3 6 9 47 26  
PRIME COMP. SUPPLIER 43

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The difference between the desired setpoint of 11.4" and the as-found  
11 setpoint of 9.0" was caused by instrument drift (1.1") and a correction  
12 by the Surv. Review Program to the transmitter head correction factors  
13 (1.3"). The drift alone would have caused the Tech Spec limit to be  
14 exceeded. The instrument loop was recalibrated to within tolerances.

15 7 8 9 FACILITY STATUS 10 0 0 0 29 11 NA 12 13 30 METHOD OF DISCOVERY 31 B 32 Surveillance Testing 33  
ACTIVITY CONTENT 34 35 AMOUNT OF ACTIVITY 36 37 NA 38 LOCATION OF RELEASE 39 40  
16 7 8 9 RELEASED OF RELEASE 10 2 33 11 Z 34 NA 12 13 35  
PERSONNEL EXPOSURES 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50  
17 7 8 9 NUMBER 10 0 0 0 37 11 TYPE 12 Z 13 NA 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50  
PERSONNEL INJURIES 40 41 42 43 44 45 46 47 48 49 50  
18 7 8 9 NUMBER 10 0 0 0 40 11 DESCRIPTION 12 NA 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50  
LOSS OF OR DAMAGE TO FACILITY 43 44 45 46 47 48 49 50  
19 7 8 9 TYPE 10 Z 11 NA 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50  
PUBICITY 45 46 47 48 49 50  
20 7 8 9 ISSUED 10 N 11 NA 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

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S PDR

NRC USE ONLY

NAME OF PREPARER

D. E. Cathey

PHONE:



# MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

September 28, 1983

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OCT 3 49:29

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  
RPS Reactor Water Level  
Channel B Loop Transmitter  
Out of Tolerance  
LER 83-134/03 L-0  
AECM-83/0621

On August 29, 1983, during a calibration surveillance on the RPS Reactor Water Level Channel B Loop, the output of the transmitter was discovered out of tolerance. This caused the low water level scram setpoint to exceed the allowable limit of Technical Specification 2.2.1-1.4 by 2.4 inches. This is reported pursuant to Technical Specification 6.9.1.13.a. Attached is LER 83-134/03 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: Mr. J. B. Richard (w/a)  
Mr. R. B. McGehee (w/o)  
Mr. T. B. Conner (w/o)  
Mr. G. B. Taylor (w/o)

Mr. Richard C. DeYoung, Director (w/a)  
Office of Inspection & Enforcement  
U. S. Nuclear Regulatory Commission  
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