

## LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 M S G S S 1 2 0 0 - 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5  
7 8 9 10 11 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 51 52 53 54 55 56 57 58 59 60

CONT

01 REPORT SOURCE 6 0 5 0 0 0 4 1 6 7 0 6 2 5 8 3 8 0 9 1 5 8 3 9  
7 8 9 10 11 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 51 52 53 54 55 56 57 58 59 60

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (16)

02 On 6-25-83, an aux. trip unit for high drywell pressure indicated a trip  
03 condition yet no RPS response occurred when a half-scam should have  
04 been present. The event occurred during performance of an 18 month surv.  
05 test which was being run for future entrance into a different operat-  
06 ional condition and was not needed for the plant mode. The event had no  
07 effect 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.a.  
7 8 9 10 11 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 51 52 53 54 55 56 57 58 59 60

09 SYSTEM CODE 11 CAUSE CODE 12 CAUSE SUBCODE 13 COMPONENT CODE 14 COMP. SUBCODE 15 VALVE SUBCODE 16  
7 8 9 10 11 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 51 52 53 54 55 56 57 58 59 60

17 LER/RO REPORT NUMBER 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 51 52 53 54 55 56 57 58 59 60

ACTION TAKEN 18 FUTURE ACTION 19 EFFECT ON PLANT 20 SHUTDOWN METHOD 21 HOURS 22 ATTACHMENT SUBMITTED 23 NPD-4 FORM SUB. 24 PRIME COMP. SUPPLIER 25 COMPONENT MANUFACTURER 26  
7 8 9 10 11 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 51 52 53 54 55 56 57 58 59 60

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The cause was a defective Rosemount auxiliary trip unit. The trip unit  
11 was replaced and the same surveillance was satisfactorily performed. The  
12 failed unit is pending rework at which time the exact failure mode will  
13 be determined. An update report is expected to be submitted by  
14 November 30, 1983.  
7 8 9 10 11 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 51 52 53 54 55 56 57 58 59 60

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NRC USE ONLY

NAME OF PREPARER

Ron Byrd

PHONE:

SUPPLEMENTARY INFORMATION TO  
LER 83-079/03 X-1

Mississippi Power & Light Company  
Grand Gulf Nuclear Station - Unit 1  
Docket No. 50-416

Reported Under Technical Specification: 6.9.1.13.a

Event Narrative:

This is an update to a previous report submitted on July 25, 1983. The event for which the report was submitted is described in the following paragraph.

On June 25, 1983, an auxiliary trip unit for high drywell pressure (1C71-PIS-N650D) indicated a trip condition yet the RPS system did not respond. A reactor half-scam should have been present. The problem was discovered during surveillance testing, when the expected result did not occur. The trip unit was further investigated in the shop and it was found that when a trip condition was inserted the output of the trip unit did not change. This particular trip function was not required for the present mode and was only being tested for a future mode change to "STARTUP". The faulty trip unit was replaced and the surveillance test was satisfactorily run. Further investigation will be conducted on the faulty trip unit to determine the failure mode.

The failed unit is pending rework at which time the exact failure mode will be determined. An update is expected to be submitted by November 30, 1983.



# MISSISSIPPI POWER & LIGHT COMPANY

*Helping Build Mississippi*

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

September 15, 1983

83 SEP 19 49:54

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  
Update Report - RPS Trip Fails  
to Occur on High Drywell  
Pressure Indication During  
Performance of a  
Surveillance Test  
LER 83-079/03 X-1  
AECM-83/0583

This letter submits an update to a previous report submitted on July 25, 1983. The event for which the report was submitted occurred on June 25, 1983, when an auxiliary trip unit for high drywell pressure indicated a trip condition yet there was no RPS response when a half-scam should have been present. The event occurred during performance of an 18 month surveillance test which was being run for future entrance into a different Operational Condition. The surveillance was not required for the present mode of Cold Shutdown. The event was reported pursuant to Technical Specification 6.9.1.13.a.

The failed trip unit is pending rework at which time the exact failure mode will be determined. An update is expected to be submitted by November 30, 1983. Attached is interim LER 83-079/03 X-1 with Supplementary Information.

Yours truly,

for L. F. Dale  
Manager of Nuclear Services

EBS/SHH:sap  
Attachment

cc: (See Next Page)

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11

## MISSISSIPPI POWER &amp; LIGHT COMPANY

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

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Washington, D. C. 20555

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