

LICENSEE EVENT REPORT

Attachment to AECM-84/0005

Page 1 of 2

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 2 3 4 5 6 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 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

LICENSER CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 31 CAT 38

CON'T

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REPORT SOURCE 90 91 DOCKET NUMBER 92 93 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

0 1 2 3 4 5 6 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 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

During the performance of a modification on the Div. II Load Shedding Panel, temp. jumpers were removed per instr. This caused a partial LOCA/LOSP signal to occur. The B Drywell Purge Compressor and the B Hydrogen Analyzer started, certain B SSW and B PSW valves isolated, and the B C/R Ventilation and B EPCCU Systems tripped. This had no effect on the health and safety of the public and did not constitute a threat to plant safety. This is a final report.

0 1 2 3 4 5 6 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 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

SYSTEM CODE 9 10 CAUSE CODE 11 12 CAUSE SUBCODE 13 14 COMPONENT CODE 15 16 COMP SUBCODE 17 18 VALVE SUBCODE 19 20

17 LER-RO REPORT NUMBER 21 22 EVENT YEAR 23 24 SEQUENTIAL REPORT NO. 25 26 OCCURRENCE CODE 27 28 REPORT TYPE 29 30 REVISION NO. 31 32

ACTION TAKEN 33 34 FUTURE ACTION 35 36 EFFECT ON PLANT 37 38 SHUTDOWN METHOD 39 40 HOURS 41 42 ATTACHMENT SUBMITTED 43 44 NPD-4 FORM SUB. 45 46 PRIME COMP. SUPPLIER 47 48 COMPONENT MANUFACTURER 49 50

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

1 0 1 1 2 3 4 5 6 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 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

The jumpers were connected to the terminal boards by spade type lugs. The screws on the terminals were loosened to remove the jumpers. This caused a momentary loss of continuity between the terminals & permanent wiring, resulting in the partial LOCA/LOSP signal to Div. II. Changes to administrative controls governing work are being implemented.

1 5 6 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 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

FACILITY STATUS 7 8 9 10 % POWER 11 12 OTHER STATUS 13 14 METHOD OF DISCOVERY 15 16 DISCOVERY DESCRIPTION 17 18

1 5 6 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 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

ACTIVITY CONTENT 7 8 9 10 RELEASED OF RELEASE 11 12 AMOUNT OF ACTIVITY 13 14 LOCATION OF RELEASE 15 16

1 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 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

PERSONNEL EXPOSURES 7 8 9 10 NUMBER 11 12 TYPE 13 14 DESCRIPTION 15 16

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PERSONNEL INJURIES 7 8 9 10 NUMBER 11 12 DESCRIPTION 13 14

1 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 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

LOSS OF OR DAMAGE TO FACILITY 7 8 9 10 TYPE 11 12 DESCRIPTION 13 14

1 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 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

PUBLICITY 7 8 9 10 ISSUED 11 12 DESCRIPTION 13 14

2 0 1 2 3 4 5 6 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 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

ISSUED 7 8 9 10 DESCRIPTION 11 12

8401240450 840112
PDR ADOCK 05000416
S PDR

NRC USE ONLY

NAME OF PREPARER L. F. Daughtery

PHONE:

SUPPLEMENTARY INFORMATION TO
LER 83-116/03 X-1

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

Technical Specification Involved: N/A
Reported Under Technical Specification: 6.9.1.13.b

Event Narrative:

On August 9, 1983, a partial LOCA/LOSP signal occurred when temporary jumpers were removed as instructed by an authorized work instruction.

In a review of this event a weakness in the Administrative Controls controlling work on permanent plant equipment was discovered. This weakness involved inadequate review of work instructions, as to their effect on plant operations and system availability.

Changes to current Administrative Controls are being implemented to delineate responsibilities for conducting adequate reviews and to provide additional guidance to maintenance personnel on how to conduct maintenance on permanent plant equipment. In addition, engineering approval has been obtained for use of permanently installed test jacks where appropriate. These actions will minimize the potential for recurrence of these events. This change will be incorporated into Plant Directives by January 31, 1984.

Previous Similar Events

LER 83-111, 83-112, and 83-117



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

January 12, 1984

84 JAN 16

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 - Occurrence of
Partial LOCA/LOSP Signal
LER 83-116/03 X-1
AECM-84/0005

This letter submits an update to a previous report submitted on September 9, 1983. The event for which the report was submitted occurred on August 9, 1983, during the performance of a modification on the Division II Load Shedding Panel, when a partial LOCA/LOSP signal occurred as temporary jumpers were removed from the panel. As a result, the "B" Drywell Purge Compressor and the "B" Hydrogen Analyzer started; certain "B" Standby Service Water and "B" PSW valves isolated; and the "B" Control Room Ventilation and "B" Fuel Pool Cooling Cleanup Systems tripped. This was reported pursuant to Technical Specification 6.9.1.13.b.

Our investigation into the cause of the event is complete. We are in the process of implementing corrective actions to minimize the potential for recurrence. This is a final report. Attached is LER 83-116/03 X-1 with Supplementary Information.

Yours truly,

L. F. Dale

L. F. Dale
Manager of Nuclear Services

EBS/SHH:sad
Attachment

cc: (See Next Page)

MISSISSIPPI POWER & LIGHT COMPANY

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
Washington, D. C. 20555

Document Control Desk (w/a)
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