

LICENSEE EVENT REPORT

Attachment to AECM-83/0360

Page 1 of 2

CONTROL BLOCK: 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 99 100

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 On May 23, 1983, the shutdown cooling mode of the RHR system and the
0 3 RWCU system isolated when an attempt was made to reenergize the Division
0 4 II MOVs of these systems (valves were blocked open during Div II
0 5 outage). T.S.3.4.9.2 requires two loops of shutdown cooling be
0 6 operable, therefore, this is being reported pursuant to Technical
0 7 Specification 6.9.1.13.b. The event had no affect on the health and
0 8 safety of the public and did not constitute a threat to plant safety.

0 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 99 100

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 At this time, it is believed the cause was due to power fuses to the
1 1 isolation logic being omitted following completion of a design change
1 2 package. The fuses were replaced and both systems were restored to
1 3 normal operation. This is an interim report. Investigation is continuing
1 4 to determine the cause of the event and further corrective action.

1 5 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 99 100

NAME OF PREPARER M. V. Rohrer

PHONE:



MISSISSIPPI POWER & LIGHT COMPANY

ATLANTA, GEORGIA
Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

83 JUN 30 A10:08
June 22, 1983

JAMES P. MCGAUGHY, JR.
VICE PRESIDENT

Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Region II
101 Marietta St., N.W., Suite 2900
Atlanta, Georgia 30303

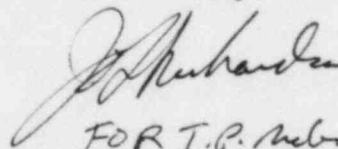
Attention: Mr. J. P. O'Reilly, Regional Administrator

Dear Mr. O'Reilly:

SUBJECT: Grand Gulf Nuclear Station
Unit 1
Docket No. 50-416
License No. NPF-13
File 0260/L-835.0
Shutdown Cooling Mode of the
RHR System and the RWC
System Inoperable
LER 83-069/03 L-0
AECM-83/0360

On May 23, 1983, the shutdown cooling mode of the RHR system and the RWC system isolated when an attempt was made to reenergize the Division II motor operated valves for these systems. These valves had been blocked open while deenergized during a planned Division II electrical outage. Technical Specification 3.4.9.2 requires two loops of shutdown cooling be operable, therefore, this is being reported pursuant to Technical Specification 6.9.1.13.b. Attached is LER 83-069/03 L-0 with Supplementary Information.

Yours truly,


FOR J.P. McGaughy, Jr.

JPM: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)

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SUPPLEMENTARY INFORMATION TO
LER 83-069/03 L-0

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

Technical Specification Involved: 3.4 9.2
Reported Under Technical Specification: 6.9.1.13.b

Event Narrative:

On May 23, 1983, while attempting to reenergize some RWCU system and RHR shutdown cooling MOVs following a planned Division II electrical outage the valves isolated (during the outage the valves were blocked open per a temporary directive for the Division II electrical outage). The valves isolated as a result of an isolation signal from the MOV's isolation logic. The isolation logic relays deenergize to produce an isolation signal. At this time, it is believed this signal was present due to power fuses not being installed after completion of hardware changes brought about by an approved design change package. Since the fuses were not in place, this removed voltage from the isolation logic relays and placed the logic in the actuated state. The end result of this event was that both shutdown cooling loops and the RWCU system were isolated, therefore, decay heat removal/coolant circulation capability was lost for a very short time (less than one (1) hour).

Immediate actions were to manually override the closed valve signal and place both systems back in operation. Power fuses were installed and normal system operation was attained. Investigation is continuing to determine exact cause and further corrective actions. This is an interim report. An update report is expected to be submitted by July 30, 1983.