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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED FOR RELEASE BY NRC
DATE 12-15-85

FACILITY NAME (1)

DOCKET NUMBER (2)

LER NUMBER (3)

PAGE (4)

RIVER BEND STATION

0 8 0 0 0 4 5 8 8 5 - 0 6 2 - 0 0 0 2 OF 0 3

TEXT OF THIS REPORT IS PREPARED AND SUBMITTED IN ACCORDANCE WITH NRC FORM 200A (9-83)

On 12/26/85 at 1748 with the unit in operational condition 2 (startup) and at 4.50 percent power, an inadvertent Reactor Water Cleanup (RWCU) (IEEE:CE) system isolation occurred during the performance of Surveillance Test Procedure STP-207-4218 "RWCU System Isolation Differential Flow Timer Quarterly Channel Calibration." The cause of the isolation was attributed to an error contained in the procedure. Surveillance testing activities were stopped and the lead which caused the isolation when lifted was relanded. The RWCU system was returned to service with no further problems occurring.

Investigation revealed that performance of the procedure errantly caused a loss of power to temperature switch controller G33-N008. The loss of power de-energized relay 1B21H-K142 and 1B21H-K183 causing RWCU isolation valve 1G33-F004 to shut which tripped the RWCU pumps on low flow.

The error occurred during the writing of the procedure when the writer referenced the elementary diagram for determination of jumper placement locations. The elementary diagram only shows electrical continuity between device points and does not indicate actual point to point connections. The power for relays 1B21H-K142 and 1B21H-K183 is supplied from fuse B21H-F18A to relay 1B21H-K172 then to terminal point TB3-1. A jumper was placed, in accordance with the procedure, from terminal point TB3-1 to TB21-12 to provide continuity across relay 1B21H-K172. However, as a result of all

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APPROVED FOR NO. 10-1-14
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PAGE (4)

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0 5 0 0 0 4 5 8 8 1 5 - 0 6 2 - 0 0 0 3 OF 0 3

TEXT IF MORE THAN ONE EVENT, USE ADDITIONAL NRC Form 880A (11/77)

connection points not being identified on the elementary diagram, the installation of the jumper did not provide the intended circuit continuity when the procedure requested lead on relay 1B21-K172 terminal A to be lifted. Lifting this lead caused a loss of power to relay 1B21H-K172 which resulted in the RWCU isolation.

In an effort to prevent recurrence Modification Request 86-011 was issued on 1/6/86 requesting the circuit to be rewired to allow proper jumper placement during future surveillance testing. As an interim measure STP-207-4218 was revised per Temporary Change Notice 85-4911 on 12/27/85 to require the RWCU system to be isolated prior to performing the procedure. The procedure was successfully completed on 12/27/85 at 2157 with no further problems occurring.

There was no impact on the safe operation of the plant or the health and safety of the public since no identifiable leakage condition existed within the RWCU system.



GULF STATES UTILITIES COMPANY

RIVER BEND STATION

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RBG-

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U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Dear Sir:

River Bend Station - Unit 1
Docket No. 50-458

Please find enclosed Licensee Event Report No. 85-062 for River Bend Station - Unit 1. This report is submitted pursuant to 10CFR50.73.

Sincerely,

for J. E. Booker
Manager-Engineering,
Nuclear Fuels & Licensing
River Bend Nuclear Group

JEB/TFP/PDG/BEH/amg

cc: U. S. Nuclear Regulatory Commission
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