



## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (8)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
River Bend Station, Unit 1	0500045885	—	024	—	0002	OF 02

TEXT (If more space is required, use additional NRC Form 308A's/117)

At 2155 on 10/24/85 prior to initial criticality and with the plant in operational condition 4 (cold shutdown), the Reactor Water Cleanup System (RWCU) (IEEE:CE) isolated. This occurred while lowering reactor vessel level to narrow range level indication by rejecting water from the RWCU to the condenser. With the RWCU Isolation Bypass switches placed in normal, RWCU differential flow appeared to be unstable and caused a RWCU isolation after the high differential flow timer timed out.

The RWCU Isolation Bypass switches were placed in bypass and the isolation signal reset. RWCU was then restarted according to System Operating Procedure SOP-90 "RWCU System." No problems were observed. The system was later filled and vented in the event that air in the reject line was the cause for the unstable differential flow signal.

Investigation into the root cause of the isolation is ongoing. At this time it is postulated that there is insufficient back pressure in the reject line to the condenser and flashing is occurring downstream of the flow meter (IEEE:FIT). A request for design review has been initiated (EEAR 85-0854) and corrective action will be taken once the problem is identified. Completion of this review is expected by 12/31/85.

The safe operation of the plant and the health and safety of the public were not affected.



**GULF STATES UTILITIES COMPANY**

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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 License Event Report No. 85-024 for River Bend Station - Unit 1. This report is submitted pursuant to 10CFR50.73.

Sincerely,

*Eddie R. Grant*

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

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