

**GULF STATES UTILITIES COMPANY**

RIVER BEND STATION POST OFFICE BOX 220 ST. FRANCISVILLE, LOUISIANA 70775

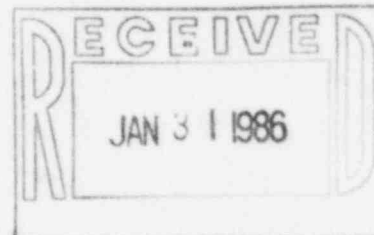
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January 24, 1986

RBG-23027

File Nos. G9.5, G9.25.1.4

Mr. Robert D. Martin, Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, TX 76011



Dear Mr. Martin:

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

Enclosed is Gulf States Utilities Company's Special Report concerning a Division III emergency core cooling injection at River Bend Station. This report is submitted pursuant to Technical Specifications 3.5.1g and 6.9.2.

Sincerely,

*J. E. Booker*

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

*TFP BEN*  
JEB/TFP/PDG/BEH/je

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

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## SPECIAL REPORT

On 11/26/85 at 2247 with the unit in operational condition 2 (startup), a Division III Emergency Core Cooling System (ECCS) initiation and injection occurred during the baseline performance of surveillance testing.

The initiation was caused when a procedure step was omitted due to a technician error. As a result of this error, a feedwater level control transmitter was improperly valved into service. This caused a disturbance in the process reference line, which is also common to other level transmitters. Differential pressure indication across these transmitters resulted in a false low level (Level 2) signal which initiated Division III ECCS. Both the High Pressure Core Spray (HPCS) diesel generator and the HPCS pump started; however, injection was minimized by promptly securing the pump and closing the injection valve after verifying no actual low level existed. The HPCS diesel generator was secured at 2248 and the surveillance testing was later successfully completed with no further problems.

At this time this injection will be initially classified as one of the 10 full thermal transient cycles that are allowed in the HPCS injection nozzle design. Further evaluation will be performed (EEAR 86-0141) to determine the actual usage factor to be assigned to this nozzle injection. It is certain however, that the usage factor is less than 0.70. The total accumulated actuation cycles to date, for the HPCS system, equals one cycle.