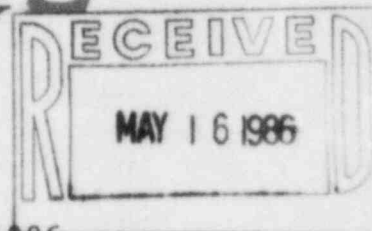


GULF STATES UTILITIES COMPANY

RIVER BEND STATION POST OFFICE BOX 220 ST. FRANCISVILLE, LOUISIANA 70775
AREA CODE 504 635-6094 346-8651



May 14, 1986
RBG- 23671
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, Texas 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 *J. E. Booker*
Manager-Engineering,
Nuclear Fuels & Licensing
River Bend Nuclear Group

WJL DW DEH
JEB/TFP/DRG/BEH/kt

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

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SPECIAL REPORT

At 0650 on 3/1/86, after the unit scrammed in operational condition 1 (power operation), an actuation of the Division III Emergency Core Cooling System (ECCS), specifically the High Pressure Core Spray (HPCS) system, occurred. Prior to the event, the reactor was at 35 percent power and 958 psig. The event was due to a feedwater pump trip caused by a voltage transient in its associated 13.8 KV switchgear. The transient apparently caused the loss of the main feedwater pump lube oil pump, thus producing a pump trip. Subsequently, a reactor low level setpoint (Level 2) was reached, initiating both the Division III HPCS diesel generator and pumping system. At 0653, the HPCS injection valve closed on reactor high level, therefore injection time equaled approximately three minutes. By 0707, reactor level and pressure had been stabilized.

This injection will be conservatively classified as one of the 10 full thermal transient cycles that are allowed in the HPCS injection nozzle design. The total conservatively classified accumulated actuation cycles to date for the HPCS system equals two cycles. Further evaluation (EEAR-860619) is being performed to determine the actual usage factor to be assigned to this nozzle injection.