



GULF STATES UTILITIES COMPANY

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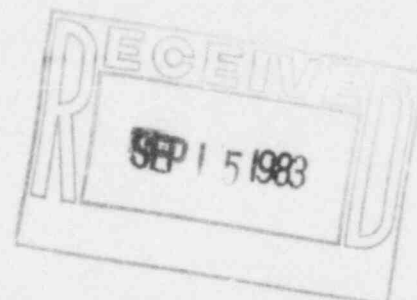
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September 9, 1983
RBG- 15,923
File Nos. G9.5, G9.25.1.1

Mr. John T. Collins, Regional Administrator
U. S. Nuclear Regulatory Commission
Region IV, Office of Inspection and Enforcement
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011

Dear Mr. Collins:

River Bend Station Unit 1
Docket No. 50-458
Interim Report/DR-112



On August 9, 1983, GSU notified Region IV by telephone it had determined DR-112 concerning Class 1E battery chargers supplied by Power Conversion Products, Inc. to be reportable under 10CFR50.55(e). The attachment to this letter is GSU's interim 30 day written report pursuant 10CFR50.55(e)(3) with regard to this deficiency. GSU is awaiting additional information from our architect/engineer regarding corrective actions to be taken. An interim or final report will be provided by October 17, 1983.

Sincerely,

J E Booker

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

JEB
JEB/PJD/kt

cc: Director of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

R. L. Brown (SRI)

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ATTACHMENT

DR-112/Power Conversion Products Class 1E Battery Chargers

Description and Background of the Deficiency

This deficiency concerns poor workmanship on Class 1E battery chargers furnished by Power Conversion Products, Inc. While performing corrective action for damaged and missing components noted by Stone & Webster (S&W) Field Quality Assurance Inspectors in Class 1E battery charger 1ENB*CHG1B, other samples of poor workmanship, i. e., missing components, poor solder joints, and loose cable terminations were in evidence. These deficiencies were not detected by S&W Product Quality Assurance in the shop but were discovered prior to connecting the Class 1E battery chargers to Class 1E 125-V batteries. The River Bend Station design includes only three affected Class 1E chargers (1ENB*CHG1A, 1ENB*CHG1B, 1BYS*CHG1D).

Safety Implication

The Class 1E 125-V dc distribution system furnishes power to the Class 1E uninterruptible instrument buses, Class 1E ac switchgear, and Class 1E motor control center, which controls the reactor core isolation cooling valves. GSU concludes that had the missing components, poor solder joints, and loose cable terminations on Class 1E battery chargers remained uncorrected, it could have adversely affected the safe operations of the plant by degrading the Class 1E 125-V dc system.

Corrective Actions

Nonconformance and Disposition (N&D) Report Numbers 3418, 3514, and 3580 were issued. Corrective action for damaged and missing components in Class 1E battery chargers 1ENB*CHG1A, 1ENB*CHG1B, and 1BYS*CHG1D included replacing missing amplifier boards and ammeters, repairing poor solder joints using the vendor's standards, and replacing loose terminal lugs with properly sized lugs. The vendor drawings are being compared with the corrected as-built condition and will be revised as necessary. GSU has requested additional information from S&W regarding this deficiency.