



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

FEB 8 1985

Docket No. 50-458

Mr. William J. Cahill, Jr.
Senior Vice President
River Bend Nuclear Group
Gulf States Utilities Company
Post Office Box 2951
Beaumont, Texas 77704
ATTN: Mr. J. E. Booker

Dear Mr. Cahill:

SUBJECT: RIVER BEND STATION COMPLIANCE WITH THE GUIDELINES OF STANDARD
REVIEW PLAN (SRP) 9.5.1, POSITIONS C.5.b and C.5.c

The staff has reviewed Gulf States Utilities Company (GSU) submittal dated December 21, 1984 (Booker to Denton) which was intended to address Outstanding Issue 13, Safe/Alternate Shutdown, identified in the River Bend Station (RBS) Safety Evaluation Report (SER) (NUREG-0989). The staff's review of this submittal indicates that the design of RBS is not in conformance with Positions C.5.b and C.5.c of the Standard Review Plan (SRP) Section 9.5.1 (NUREG-0800). Specifically, GSU has not shown that all systems and components needed for safe shutdown, including all support systems needed for safe shutdown, can be isolated from the control room outside of the control room.

As discussed in FSAR Section 9A.2.1.2, there are five high/low pressure interfaces, each of which are isolated by two valves in series. The RHR/Recirculation system interface valves (1E12*MOVFO08 and 1E12*MOVFO09) and the RHR/Radwaste system interface valves (1E12*MOVFO40 and 1E12*MOVFO49) have their respective control switches and pressure permissive relays in the control room. This does not meet Positions C.5.b and C.5.c. The RHR/RCIC interface valves (1E12*MOVFO52A and 1E12*MOVFO87A and the redundant line valves 1E12*MOVFO52B and 1E12*MOVFO87B) and the main steam/reactor building equipment drain system interface valves (1MSS*MOVFO01 and 1MSS*MOVFO02) will remain open if they spuriously operate. The FSAR indicates that this is acceptable if the flow rate "does not exceed the capability of the HPCS and RCIC systems." The staff's position, as stated in SRP 9.5.1, is that a loss of coolant accident (LOCA) resulting from a fire should be prevented from occurring.

In FSAR Section 9A.2.1.1.4, GSU states that "the PGCC design separates the Division I/II/III cables with fire stops and fire seals within raceways, and provides barriers in panels in those cables where separate panels are not provided. Therefore, fire in more than a single electrical division is not postulated." This is not consistent with the SRP unless these barriers have a three hour rating.

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Any deviations from staff positions or FSAR commitments should also be identified and justified so that they may be resolved in a timely manner. Please inform Project Manager Edward Weinkam of your plans for addressing the above concerns. The staff is prepared to meet with you to discuss the above at your earliest convenience in order that these topics may be resolved and a conclusion made by the staff that RBS meets General Design Criteria (GDC) 3.

Sincerely,

A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing

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A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing

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