GULF STATES UTILITIES COMPANY

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

AREA CODE 504 635-3237 387-4257

November 15, 1984
RBG- 19418
File No. G9.5

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Denton:

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

Enclosed are sixty (60) copies of Amendment 15 to the River Bend Station (RBS) Final Safety Analysis Report (FSAR). Attachment 1 itemizes those Safety Evaluation Report (SER) open and confirmatory items which are specifically addressed in this amendment.

Sincerely,

W. J. Cahill, Jr.
Senior Vice President
River Bend Nuclear Group

WJC/ERG/JWL/je

Affidavit

Attachment

Amendment 15

B001

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Attachment 1

FSAR Amendment 15
Revisions in Response
to SER Confirmatory
and Open Items

I. Issues previously addressed to the NRC Staff via docketed correspondence from Mr. J. E. Booker to Mr. H. R. Denton.

SER Item	Letter Ref.	Letter Date	FSAR Section
Conf. #1	RBG-18090	06-22-84	2.4 & 2.5
Conf. #3	RBG-18565	08-09-84	2.5
Conf. #12	RBG-19174	10-11-84	6.2
Conf. #16	RBG-19176	10-11-84	6.2
Conf. #51 Open #10 Open #16	RBG-18689	08-21-84	8.3, 9.5, & 13.1
Open #17	RBG-18244 RBG-18334	07-19-84 07-30-84	14.2 9.5

II. Issues addressed for the first time with the revisions contained in Amendment 15.

SER Item	FSAR Section	Discussion
Open #8	6.3	Plant Specific ECCS LOCA Analysis
Open #3	3.6,3A & 3C	High-energy Line Breaks (see Note 1 below)
Conf. #7	6.2 & 6A	Hydrodynamic Loads (see Note 2)
Conf. #20	6.2	PVLCS Leakage
Conf. #54	12.3	TMI Item II.B.2

Note 1 - The interim response on high-energy line breaks (HELB) in Section 3.6 and Appendices 3A and 3C contain all available information to date. Target identification and failure mode analyses are continuing and expected in January 1985. Breaks in main feedwater piping are postulated and evaluated for that portion of piping that is outside of the break exclusion are, i.e. beyond the jet impingement wall, see Figure 3.6A-18 and Tables 3.6A-26 and 49. Note that the feedwater piping in the steam tunnel (i.e. up to column line 4 on Figure 3.6A-43) is Safety Class 1. The NNS feedwater piping in the expansion loop area of the auxiliary building is seismically analyzed and supported.

Note 2 - The hydrodynamic loads addressed in Chapter 6 include comparisons to NUREG-0978 for reverse vent clearing drywell loads and suppression pool suction line strainers, NUREG-0802 for SRV hydrodynamic loads, and GESSAR-II for LOCA-related pool dynamic loads and definitions. Confirmatory Item #14 is partially addressed in FSAR Section 3.9. Resolution of the Humphrey's issues in SER Section 6.2.1.9 will be submitted in December 1984 under separate cover.

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

STATE OF LOUISIANA	§	
PARISH OF WEST FELICIANA	§	
In the Matter of	§	Docket Nos. 50-458
		50-459
GULF STATES UTILITIES COMPANY	§	

(River Bend Station,
Unit 1)

AFFIDAVIT

W. J. Cahill, Jr., being duly sworn, states that he is a Vice President of Gulf States Utilities Company; that he is authorized on the part of said Company to sign and file with the Nuclear Regulatory Commission the documents attached hereto; and that all such documents are true and correct to the best of his knowledge, information and belief.

W. J. Cahill, Jr.

Subscribed and sworn to before me, a Notary Public in and for the State and Parish above named, this 15 day of November, 1984.

Joan W. Middlebrooks
Notary Public in and for
West Feliciana Parish,
Louisiana

My Commission is for Life.

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of	)	
	)	DOCKET NOS. 50-458
GULF STATES UTILITIES COMPANY	)	50-459
	)	
River Bend Station, Units 1 and 2	)	
	)	

AFFIDAVIT OF SERVICE

Stephen M Rodgers, being duly sworn, on oath, deposes and says that the following document:

AMENDMENT 15 TO THE FINAL SAFETY ANALYSIS REPORT

in the above-captioned proceeding has been served upon the persons shown on the attached list by depositing copies thereof in the United States mail on 11/15/84, 1984, with proper postage affixed for first class mail.

DATED: 11/15/84

Stephen M Rodgers

Stone & Webster Engineering Corporation
P.O. Box 2325
Boston, Massachusetts 02107

Subscribed and sworn to before me this 15th day of November, 1984.

Notary Public in and for the
Commonwealth of Massachusetts

My Commission Expires March 3, 1989

AMENDMENT 15 TO THE
FINAL SAFETY ANALYSIS REPORT
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