



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

511 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

SEP 15 1992

Docket No. 50-458
License No. NPF-47

Gulf States Utilities
ATTN: James C. Deddens
Senior Vice President (RBNG)
P.O. Box 220
St. Francisville, Louisiana 70775

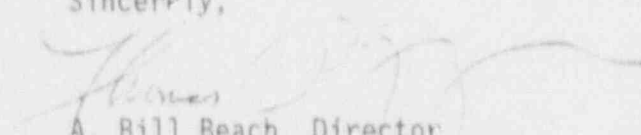
Gentlemen:

SUBJECT: ACCEPTANCE OF CHANGES TO THE OPERATIONAL QUALITY ASSURANCE PROGRAM
FOR RIVER BEND

We have reviewed the changes addressed in Revision 5 of the quality assurance program description for River Bend submitted by your letter RBG-37400 dated August 25, 1992. We find that the changes to your quality assurance program description, Section 17.2 of the Updated Safety Analysis Report meet the requirements of 10 CFR 50, Appendix B and are acceptable.

Any questions you may have concerning this review should be directed to Mr. Ian Barnes of our staff on (817) 860-8176.

Sincerely,


A. Bill Beach, Director
Division of Reactor Projects

cc w/enclosure:
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bcc to DMB (IE43) - DRS

bcc distrib. by RIV:

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Project Engineer (DRP/C)	RIV File
DRS AI File	Chief, Technical Support Section
Senior Resident Inspector, Cooper	
Senior Resident Inspector, Fort Calhoun	
I. Barnes	
B. McNeill	
B. McNeill Reading File	

AI 92-396

RIV:RI:MOPS	C:MOPS	D:DRS	D:DRP	
WMcNeill/cjg	IBarnes	SJCcollins	ABBeach	
7/14/92	7/14/92	7/14/92	7/15/92	

210151

UPON COMPLETION OF ACTION, RETURN ORIGINAL AI FORM AND
CLOSEOUT METHOD TO AI COORDINATOR (ANN POUPARD)

DATE: SEP - 9 1992

REGION IV
ACTION ITEM No: 92-396

SUBJECT: Faxed copy of Gulf States Utilities' letter
dated 8/25/92, "USAR, Rev. 5"

PRINCIPAL ASSIGNEE: Barnes

FOR
SIGNATURE OF: Beach

SECONDARY ASSIGNEE(S): McNeill

SECONDARY ASSIGNEE
INPUT DUE DATE: 9/17/92

INFORMATION COPY: J. Milhoan, S. Collins

DIVISION/SECTION COPY ASSIGNMENT:

INPUT DUE DATE:

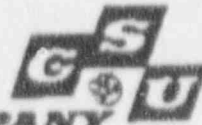
DUE DATE: 9/18/92

CORRECTED DUE DATE: _____

DATE ACTION COMPLETED: 9/15/92

REMARKS AND CLOSEOUT: Ltr. provided to DEP for signature 9/14/92.

Ltr to GSN from A.B. Beach (Gurjan)
dtd Sep 15, 92



GULF STATES UTILITIES COMPANY

RIVER BEND STATION POST OFFICE BOX 220 ST. FRANCISVILLE, LOUISIANA 70778
 AREA CODE 904 635-6084 340-8881

RBG-37400
 File No. G9.5,
 August 25, 1992

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

Post-it™ brand fax transmittal memo 7871 # of pages # 12

To	Bill McNeill	From	DAVID LOREWO
Co	NRC	Co	GSU
Dept.		Phone #	504 381-4157
Fax #	817 860 8212	Fax #	

Gentlemen:

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

Pursuant to 10CFR50.71(e), Gulf States Utilities Company (GSU) hereby submits one signed original and ten copies of Revision 5 to the River Bend Station (RBS) Updated Safety Analysis Report (USAR). This revision to the USAR covers the period March 1, 1991, to March 1, 1992, and includes the effects of all changes made in the facility as described in the USAR, all safety evaluations performed by GSU either in support of requested license amendments or in support of conclusions that changes did not require a license amendment or involve an unreviewed safety question and all analyses of safety issues performed by or on behalf of GSU at Commission request.

USAR Revision 5 contains all changes to the RBS Quality Assurance Program (USAR Section 17.2) made in accordance with 10CFR50.54(a)(3) that do not reduce the commitments of the program. All changes made to the QA Program during this update period were evaluated and determined to not reduce any QA Program commitments.

This revision also incorporates a number of editorial changes. These changes were made to correct spelling, and typographical errors; to correct references to USAR figures, sections and documents or tables of contents; to improve grammar or clarity without changing meaning; to move information to more appropriate locations; or to make USAR sections consistent with other USAR sections. All editorial changes have been documented in our records, evaluated and determined to not involve an unreviewed safety question.

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 MPP

Attachment 1 is provided to meet the requirements of 10CFR50.71(e)(2)(ii) to identify changes made under the provisions of 10CFR50.59 but not previously submitted to the Commission. Pursuant to 10CFR50.71(e)(5), each replacement page includes change indicators for the specific area changed and a page change identification in the form of the date of change, August 1992. The page change indicators are special symbols, ● → 5, 5 ← ●, that occur before and after, respectively, the specific area changed.

There have been no changes to any of the proprietary portions of the USAR during this update period.

As required by 10CFR50.71(e)(2)(i), the attached affidavit certifies that the information in this Revision 5 to the RBS USAR accurately presents changes made since the previous submittal necessary to reflect information and analyses submitted to the Commission or replaced pursuant to Commission requirement.

Additionally, in accordance with 10CFR50.71(e)(1), Attachment 2 provides a List of Effective Pages to identify the current pages of the USAR after incorporation of Revision 5.

If you have any questions, please contact Mr. L.L. Dietrich of my staff at (504) 381-4866.

Sincerely,

W.H. Odell
Manager - Oversight
River Bend Nuclear Group

[Handwritten initials]
LAE/LLD/WJS/KM/kvm

Attachments
Enclosures

cc: U.S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011

with one copy of Revision 5 for USAR Set No. 12

Senior Resident Inspector
P.O. Box 1051
St. Francisville, LA 70775

with one copy of Revision 5 for USAR Set No. 14

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

STATE OF LOUISIANA)

PARISH OF WEST FELICIANA)

Docket No. 50-458

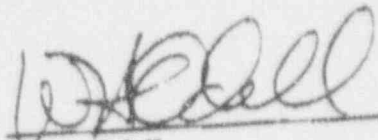
In the Matter of)

GULF STATES UTILITIES COMPANY)

(River Bend Station - Unit 1)

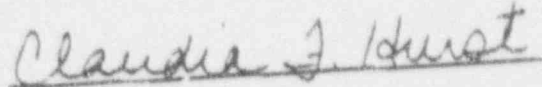
AFFIDAVIT

W.H. Odell, being duly sworn, states that he is Manager - Oversight for 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; that all such documents are true and correct to the best of his knowledge, information and belief; and that the information contained in Revision 5 to the USAR accurately presents changes made since the previous submittal, necessary to reflect information and analyses submitted to the Commission or prepared pursuant to Commission requirement.



W.H. Odell

Subscribed and sworn to before me, a Notary Public in and for the State and Parish above named, this 25th day of August, 1992. My Commission expires with Life.



Claudia F. Hurst
Notary Public in and for
West Feliciana Parish, Louisiana

RBS USAR
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17.2.6.2 Controlled Documents

The GSU QA Program provides for the control of documents, including changes thereto, which affect the quality of safety-related structures, systems, and components. The applicable documents include, but are not limited to: OQAM, instructions and procedures for design, fabrication, construction, modification, operation, maintenance, installation, test and inspection; USAR; design documents, including those related to computer codes and as built plant drawings; QA Department procedures and instructions; procurement documents; and nonconformance reports. Section 6 of the GSU OQAM describes the QA Program requirements established to ensure document control.

17.2.7 Control of Purchased Material, Equipment, and Services

17.2.7.1 Scope

The GSU QA Program establishes measures to ensure that safety-related material, equipment, and services, procured either directly or through contractors, conform to the procurement document requirements. Section 7 of the GSU OQAM describes the QA Program requirements established to provide this control.

These measures provide for, as appropriate, source evaluation and selection, objective evidence of quality furnished by the supplier, inspection at the supplier source and examination of items upon delivery.

The program establishes provisions for source evaluation prior to awarding the procurement order or contract. Source evaluation and selection may be based upon historical quality performance data, source surveys or audits or source qualification programs. This determines the supplier's capability to supply the item or service in compliance with the design, manufacturing, and quality requirements as stipulated in the procurement documents. Measures are established to provide for both a technical and quality evaluation of those suppliers providing critical components. Engineering performs the technical evaluation, and QA performs the quality evaluation. These functions may also be accomplished through the utilization of qualified, independent organizations. Personnel performing the evaluations, such as auditors, are qualified. Source evaluation and selection information are documented and filed.

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Standard commercial off-the-shelf or previously qualified items are reviewed for suitability by appropriately qualified technical personnel in accordance with applicable procedures. Review of procurement documents by QA personnel ensures incorporation of quality requirements appropriate to provide assurance of an acceptable item.

17.2.7.2 Evaluation of Suppliers

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Purchase orders for safety-related items, services, or components are awarded to those suppliers who have been evaluated through one or a combination of the following methods: historical quality performance data, source survey audits or a source qualification program. The Manager-Oversight or his designee is responsible for reviewing the qualified suppliers' list. The QA Department, Nuclear Procurement, and engineering groups, as needed, participate in the evaluation of suppliers providing safety-related components. The results of supplier evaluations are documented and filed.

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The evaluation of suppliers is based on the suppliers' ability to comply with the quality requirements of Appendix E to 10CFR50, which are applicable to the type of material, equipment, or service being procured, as determined by one or more of the following:

1. A review of the records and performance of an approved supplier who has provided similar items/services of the type being procured. (This will allow the addition of a product line or service without resubmitting the supplier for the specific product or service.)
2. A survey of supplier's facilities and QA program to determine his capability to supply a product which meets the design, manufacturing and quality requirements, or to provide a specified service. Results of the supplier evaluations are documented and retained in accordance with applicable records management procedures.
3. Vendors holding valid ASME accreditation and certificates of authorization can be qualified to supply code items initially, however, these type vendors must hold a valid N type certificate which clearly identifies that the scope of the procurement is authorized and the vendor address where the activity may take place. Additionally the vendor must be audited early in the procurement process to verify programmatic implementation of the QA Program.

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RBS USAR

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4. Vendors can be considered qualified to supply safety related or Commercial Grade materials based on satisfactory audits performed by other organizations such as utilities, or Nuclear Procurement Issues Committee (NUPIC) provided the audit results are satisfactory and they meet the requirements of the items or materials being procured.
5. Vendors can be considered qualified to supply safety related materials based on satisfactory audits performed by other agencies/contractors acting on behalf of GSU provided the audit results are found to be satisfactory and to meet the requirement for the items or materials being procured.
6. Vendors holding valid ASME Quality Systems Certificates (QSC's) can be qualified to supply materials as a material supplier or material manufacturer initially, however, these type vendors must be audited early in the procurement process to verify programmatic implementation of the QA Program. As an alternate to auditing, verification of material certifications may be utilized to accept code materials supplied by QSC holders.

17.2.7.3 Surveillance of Suppliers

For those instances where procurement is required to obtain a safety related item (materials, parts, or components) the vendor may or may not appear on the Qualified Suppliers List as an "APPROVED" supplier. Appropriate source evaluations shall be performed in order to procure the item. Evaluations shall consist of one or more of the following methods: historical quality performance data, source survey or audits or source qualification programs. These evaluations would be required for procurement under the following conditions:

- (1) Items obtained from other licensees
 - (a) which are not currently included on the QSL
 - (b) which do not hold a valid ASME Certification
- (2) Items obtained from vendors not appearing on the QSL which may be one time or infrequent procurements

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- (3) Items obtained from vendors appearing on the QSL in which it may be deemed appropriate to perform source surveillances in the vendor's facility.

In those cases where source surveillances are performed, a vendor surveillance plan is developed in accordance with a QA Department procedure. The vendor surveillance plan lists what program aspect (i.e., design, manufacture, inspections, and tests) if any, is required to be verified in the vendor's facilities. The plan also specifies the characteristics or processes to be witnessed or verified, and accepted; the method of surveillance; the documentation required; and those responsible for implementing the plan. The QA Department procedure on vendor surveillance requires that a surveillance be performed where verification of quality characteristics cannot be accomplished upon receipt of the item.

NOTE: Source surveillances performed on other licensees and vendors not appearing on the QSL satisfy requirements for ensuring that the licensee or vendor is capable of providing safety related components as applicable to the item being procured and satisfies the provisions established in 17.2.7.2 - Evaluation of Suppliers.

Source qualification programs are intended to include those activities conducted onsite at RBS to dedicate an item.

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Audits of contractors performing safety-related work are conducted in accordance with Section 17.2.18 to ensure compliance with quality requirements. Frequency of these audits is based on the safety, complexity, and quantity of the item or service being furnished and will follow the guidance in Regulatory Guide 1.123 as clarified in Section 1.8.

17.2.7.4 Spare Parts

Spare or replacement parts for safety-related structures, systems, and components (that serve a safety-related function) are subject to controls, codes, standards, and technical requirements, or a properly reviewed and approved revision at least equivalent to those used for the original part.

In those cases where the spare or replacement parts are not obtained from the original manufacturer, or the parts cannot be purchased to the original requirements, the alternative part shall be reviewed, evaluated, and approved in accordance with applicable station procedures. This evaluation and approval shall be documented.

In those cases where the original item or part is found to be commercially off-the-shelf or without specifically identified QA requirements, spare and replacement parts or consumable items may be similarly procured but care is exercised to ensure at least equivalent performance. In those cases where the QA requirements of the original item cannot be determined, a documented engineering evaluation is conducted by qualified individuals to establish the requirements and controls. This evaluation provides assurance that interfaces, interchangeability, safety, fit, and function are not adversely affected or contrary to applicable regulatory or code requirements. Since suppliers of commercial off-the-shelf spare or replacement parts, and consumable items normally do not have nuclear QA programs,

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source evaluation, audit or inspection may not be required. However, for those commercial items dedicated to be used in safety-related applications, they are receipt inspected by the QC Section and then handled in accordance with the QA Program.

17.2.7.5 Receipt Inspections

Receipt inspection of the safety-related supplier-furnished material, equipment, and services is performed in accordance with written procedures which ensure the following:

1. The material, component, or equipment is properly identified and corresponds with the identification on the receiving documentation,
2. Safety-related material, components, equipment, and acceptance records are inspected and judged acceptable in accordance with predetermined inspection procedures prior to installation or use,
3. Inspection and test records or certificates of conformance attesting to the acceptance of material, components, and equipment are available at RBS prior to installation or use, and
4. Items accepted and released are identified as to their inspection status prior to forwarding them to a controlled storage area or releasing them for installation or further work.

Receipt inspection of the safety-related item(s) is performed by the QC Section and the Materials Group (receiving warehouse) in accordance with their respective procedures. The warehouse performs a nontechnical inspection of the shipment for damage and mishandling prior to unloading; QC performs a technical inspection for physical damage, documentation, cleanliness, dimensional checks, electrical checks, etc, if any, that are contained in the procurement document. The QA Department ensures the adequacy and completion of receipt inspections through audits.

17.2.7.6 Records

QA records, as required by procurement documents, are collected and retained by safety-related suppliers. The suppliers furnish the following records as a minimum to GSU or GSU's agent: