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October 26, 1995

U. S. Nuclear Regulatory Commission
Document Control Desk
M/S P1-37
Washington, DC 20555

Subject: River Bend Station - Unit 1
Docket No. 50-458
Licensing Amendment Request (LAR) 95-10, "Deletion of Technical Specification 5.5.12, 'Biofouling Prevention and Detection' and Various Editorial Corrections to Technical Specifications."

File Nos.: G9.5, G9.42

RBG-41968
RBEXEC-95-0140
RBF1-95-0202

Gentlemen:

Entergy Operations, Inc. (EOI), by this letter, hereby files an application to amend the River Bend Station (RBS) - Unit 1 Technical Specifications, Appendix A to Facility Operating License NPF-47, pursuant to 10CFR50.90. This request consists of proposed changes to delete Technical Specification 5.5.12, "Biofouling Prevention and Detection," and various editorial corrections.

Descriptions of the proposed changes and the associated justifications (including Basis For No Significant Hazards Consideration) are provided in Enclosure 2. A marked-up copy of the affected pages from the ITS is provided in Enclosure 3. A marked-up copy of the ITS Bases is provided for your information in Enclosure 4.

EOI has reviewed the proposed changes against the criteria of 10CFR51.22 for categorical exclusion from environmental impact considerations. The proposed changes do not involve a significant hazards consideration, or significantly increase the amounts or change the types of effluents that may be released off-site, nor do they significantly increase individual or cumulative occupational radiation exposures. Based on the foregoing, EOI concludes the proposed changes

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meet the criteria given in 10CFR51.22(c)(9) for categorical exclusion from the requirement for an Environmental Impact Statement.

In accordance with the provisions of 10CFR50.4, the signed original of the requested amendment is enclosed; and in accordance with 10CFR50.30, an oath or affirmation relating to the requested changes to the Operating License is enclosed. This amendment request has been reviewed and accepted by the Facility Review Committee and the Nuclear Review Board. These proposed changes have also been discussed with the NRC Project Manager.

Sincerely,

John R McGaha

JRM/jhp
enclosures:
1. Affirmation per 10CFR50.30
2. Background
3. Technical Specifications markups
4. Technical Specifications Bases markups

cc:

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Louisiana Department of Environmental Quality
Radiation Protection Division
P. O. Box 82135
Baton Rouge, LA 70884-2135
ATTN: Administrator

BEFORE THE

UNITED STATES NUCLEAR REGULATORY COMMISSION

LICENSE NO. NPF-47

DOCKET NO. 50-458

IN THE MATTER OF

GULF STATES UTILITIES COMPANY

CAJUN ELECTRIC POWER COOPERATIVE AND

ENTERGY OPERATIONS, INC.

AFFIRMATION

I, John R. McGaha, state that I am Vice President-Operations of Entergy Operations, Inc., at River Bend Station; that on behalf of Entergy Operations, Inc., I am authorized by Entergy Operations, Inc. to sign and file with the Nuclear Regulatory Commission, this License Amendment Request, (LAR) 95-10, "Deletion of Technical Specification 5.5.12, 'Biofouling Prevention and Detection' and Various Editorial Corrections to Technical Specifications" that I signed this request as Vice President-Operations at River Bend Station of Entergy Operations, Inc.; and that the statements made and the matters set forth therein are true and correct to the best of my knowledge, information, and belief.

John R. McGaha

STATE OF LOUISIANA
WEST FELICIANA PARISH

SUBSCRIBED AND SWORN TO before me, Notary Public, in and for the Parish and State above named, this 26th day of October, 1995.

(SEAL)

Claudia F. Hurst
Notary Public

My Commission expires with life.

BACKGROUND

By Amendment No. 81 to River Bend Station (RBS) Operating License, the NRC approved implementation of revised Technical Specifications (TS) in the format of NUREG-1434, "Standard Technical Specifications, General Electric Plants, BWR/6," Revision 0, September 1992. Conversion to the format of these Improved Technical Specifications (ITS) was performed on an industry "lead-plant" basis and involved changes not only to the format of the TS, but also to the technical content of the TS. In preparation for implementation of Amendment No. 81, RBS revised numerous plant procedures. During this procedure revision process, editorial errors in Amendment No. 81 were identified. Thus, EOI is submitting this amendment request to correct these editorial errors. Also, EOI is requesting deletion of ITS 5.5.12, "Biofouling Prevention and Detection."

DESCRIPTION OF PROPOSED CHANGES

In accordance with 10CFR50.90, the following changes to the RBS TS are being proposed:

Editorial Changes:

1) LCO 3.2.4.c - FRTP defined at first use in accordance with the Improved Technical Specifications writer's guide.

2) Table 3.3.3.1-1, Function 12 - "Automatic" added for clarification and to be consistent with bases. Only automatic PCIVs are required to have Post Accident Monitoring (PAM) position indication. Adding "Automatic" makes it clear that manual PCIVs are not included in this specification.

3) LCO 3.3.7.1, Required Action E.1 - Wording changed to be consistent with LCO 3.7.2, Required Action C.1 wording.

4) Table 3.3.7.1-1, Function 3 - "Local Intake" added for clarification, to distinguish from remote intake radiation monitors. Control Room Fresh Air (CRFA) remote intake radiation monitors are addressed by Technical Requirements Manual TR 3.3.7.1.

5) Table 3.3.8.1-1, Function 2.d - "minutes" changed to "seconds" in accordance with design requirements. This change corrects a typographical error made during conversion from old Technical Specifications to Improved Technical Specifications. (Ref.: old Technical Specification Table 3.3.3-2)

6) SR 3.4.11.8 and SR 3.4.11.9 - "THERMAL POWER < 30%," changed to "THERMAL POWER $\leq$ 30%." This change corrects a typographical error made during conversion

from old Technical Specifications to Improved Technical Specifications. (Ref: old Technical Specifications surveillance requirement 4.4.1.1.4)

7) SR 3.6.4.1.2 - "and loop seals filled", added to cover all potential leakage paths in accordance with plant design.

8) SR 3.6.4.2.1 - SR 3.6.4.2.1 deleted. River Bend Station does not have any secondary containment isolation manual dampers or blind flanges that are required to be closed during accident conditions.

9) SR 3.6.4.2.2 - "power operated and each", deleted. River Bend Station does not have any power operated SCIDs. "required" added to allow distinguishing which SCIDs apply to this SR while handling fuel in the fuel building.

10) SR 3.6.4.2.3 - "required" added to allow distinguishing which SCIDs apply to this SR while handling fuel in the fuel building.

11) SR 3.6.4.5.2 - "and shield blocks" deleted. "covers" added. River Bend Station does not have any Fuel Building shield blocks, however RBS does have hatch covers in the Fuel Building.

12) LCO 3.6.5.2 ACTIONS - "NOTE" changed to "NOTES", since there are two notes.

13) SR 3.8.1.17 - "1." deleted. SRs with only one NOTE should not have the NOTE numbered, per writer's guide.

14) LCO 3.8.2.a - "and" deleted in accordance with writer's guide.

15) LCO 3.8.9 Condition E - "or AC vital bus", deleted. RBS does not have any Division III AC vital buses (Ref: Table B 3.8.9-1).

16) 5.7.3 - "cannot be" changed to "is not". Any area "can be" guarded. However, environmental, radiological or access requirements may make guarding the area impractical or unsafe. Amendment 81 provides the option of either guarding a high radiation area or constructing an enclosure around a high radiation area. The words "cannot be" inhibits the use of the approved option. Therefore, this change is administrative.

Technical Change:

1) 5.5.12 - The proposed change deletes the program associated with the prevention and detection of Asiatic Clams (Corbicula) based upon improvements to the non-safety related Normal Service Water System (SWS). The proposed change is acceptable based on the following:

   a. The source of makeup water to the SWS is no longer the Mississippi River, which is the source of Asiatic Clams. Demineralized water or well water is used eliminating the source of Asiatic Clams. To prevent biofouling SWS is treated with chlorine/bromine.

   b. The possibility of the SWS becoming contaminated by any other means is highly unlikely since it is a "closed-loop" system.

   c. Contamination of the Standby Cooling Tower basin through avian transport is highly unlikely. Moreover, the Standby Cooling Tower basin water is not conducive to Asiatic Clam survival because it is treated with chlorine.

   d. Post Refuel Outage (RF-4) inspections of the safety-related heat exchangers that interface with the "closed-loop" SWS have shown no evidence of clam infestations.

   As discussed in our letter to the NRC dated March 4, 1992, (RBG-36584), the SWS, prior to RF-4, was an "open" recirculating system utilizing clarified Mississippi River water as a makeup source. The clarified Mississippi River water provided the source for Asiatic Clam infestation and the "open" SWS design provided a pathway for the larvae and/or clams to infest the SWS and associated safety related equipment.

BASIS FOR NO SIGNIFI 'ANT HAZARDS CONSIDERATION - Editorial Changes

Entergy Operations Inc., has evaluated these proposed Technical Specification changes and has determined that they involves no significant hazards. This determination has been performed in accordance with the criteria set forth in 10 CFR 50.92. The following evaluation is provided for the three categories of the significant hazards consideration standards:

1. Does the change involve a significant increase in the probability or consequences of an accident previously evaluated?

   The proposed changes involves reformatting, renumbering and rewording of the existing Technical Specifications. The reformatting, renumbering and rewording process involves no technical changes to existing Technical Specifications. As such, these changes are administrative in nature and do not impact initiators of analyzed events or assumed mitigation of accident or transient events. Therefore, these changes do not involve a significant increase in the probability or consequences of an accident previously evaluated.

2. Does the change create the possibility of a new or different kind of accident from any accident previously evaluated?

   The proposed changes do not involve a physical alteration of the plant (no new or different type of equipment will be installed) or changes in methods governing normal plant operation. The proposed changes will not impose or eliminate any new or different requirements. Thus, these changes do not create the possibility of a new or different kind of accident from any accident previously evaluated.

3. Does this change involve a significant reduction in a margin of safety?

   The proposed changes will not reduce a margin of safety because they have no impact on any safety analysis assumptions. These changes are administrative in nature. As such, no question of safety is involved, and the changes do not involve a significant reduction in a margin of safety.

BASIS FOR NO SIGNIFICANT HAZARDS CONSIDERATION - TS 5.5.12

Entergy Operations Inc., has evaluated this proposed Technical Specification change and has determined that it involves no significant hazards. This determination has been performed in accordance with the criteria set forth in 10 CFR 50.92. The following evaluation is provided for the three categories of the significant hazards consideration standards:

1. Does the change involve a significant increase in the probability or consequences of an accident previously evaluated?

   The proposed change deletes the program associated with the prevention and detection of Asiatic Clams (Corbicula) based upon improvements to the non-safety related Normal Service Water System (SWS). The source of makeup water to the SWS is no longer the Mississippi River, which is the source of Asiatic Clams. Demineralized water or well water is used eliminating the source of Asiatic Clams. To prevent biofouling SWS is treated with chlorine/bromine. This program is not considered as an initiator for any previously evaluated accident. Therefore, the proposed change will not increase the probability or consequences of any accident previously evaluated.

2. Does the change create the possibility of a new or different kind of accident from any accident previously evaluated?

   The proposed change introduces no new mode of plant operation and it does not involve a physical modification to the plant. The possibility of the SWS becoming contaminated by any other means is highly unlikely since it is a "closed-loop" system. Therefore it does not create the possibility of a new or different kind of accident from any accident previously evaluated.

3. Does this change involve a significant reduction in a margin of safety?

   Prevention of Asiatic Clam infestation in the SWS and associated safety-related equipment is ensured by the "closed-loop" design of the SWS. Post Refuel Outage (RF-4) inspections of the safety-related heat exchangers that interface with the "closed-loop" SWS have shown no evidence of clam infestations. Therefore, the change does not involve a significant reduction in a margin of safety.

License Amendment Request 95-10
October 26, 1995
Enclosure 3

TECHNICAL SPECIFICATIONS
MARK-UPS