Entergy Operations, Inc.
River Bend Station
5485 U. S. Highway 61N
St. Francisville, LA 70775
Tel 225 381 4149
Fax 225 635 5068
jrober3@entergy.com

Jerry C. Roberts
Director, Nuclear Safety Assurance

RBG-46926

June 22, 2009

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Subject: Supplement to License Amendment Request (LAR)
River Bend Station – Unit 1
Docket No. 50-458
License No. NPF-47

Reference: LAR 2009-01, dated January 21, 2009 (Letter No. RBG-46763)
Application for Technical Specification Change to Adopt NRC
Approved Generic Changes TSTF-163, -222, -230, and 306

File No.: G9.5
RBF1-09-0082

Dear Sir or Madam:

On January 21, 2009, Entergy Operations, Inc. submitted a request to amend the Technical Specifications (TS) for River Bend Station as described in the referenced letter (LAR 2009-01). Included in that submittal was a request to implement changes consistent with TSTF-163 on diesel generator surveillance requirements. TS Bases pages were included for information to indicate the changes needed for implementation of the proposed amendment. It has been determined that one of the TS Bases pages included in that submittal requires an additional change to avoid a potential inconsistency with the proposed change to the associated surveillance requirement.

Attached is a copy of the original pages 10 and 11 of Attachment 4 of LAR 2009-11 marked up to indicate the additional change needed to the Bases section. "Insert 9" indicates the new information.

If you have any questions, please contact Danny Williamson at 225-381-4279.

A001
NRR

I declare under penalty of perjury that the foregoing is true and correct. Executed on June 22, 2009.

Sincerely,

Jerry C. Roberts
Director – Nuclear Safety Assurance

Attachment
1. Revised pages 10 and 11 of Att. 4 to RBG-46763

cc: U. S. Nuclear Regulatory Commission
Region IV
612 East Lamar Blvd., Suite 400
Arlington, TX 76011-4125

NRC Senior Resident Inspector
P. O. Box 1050
St. Francisville, LA 70775

U. S. Nuclear Regulatory Commission
Attn: Mr. Alan Wang
Washington, DC 20555-0001

Mr. Jeffrey P. Meyers
Louisiana Dept. of Environmental Quality
Attn: OEC-ERSD
P. O. Box 4312
Baton Rouge, LA 70821-4312

FOR INFORMATION ONLY

BASES

SURVEILLANCE REQUIREMENTS

SR 3.8.1.2 and SR 3.8.1.7 (continued)

INSERT 9

SR 3.8.1.7 requires that, at a 184 Frequency, the DG starts from standby conditions, achieves and maintains the required steady-state (i.e., after any overshoot) voltage and frequency within 10 seconds for DG 1A and DG 1B and 13 seconds for DG 1C. The start requirements for each DG support the assumptions in the design basis LOCA analysis (Ref. 5). The start requirements may not be applicable to 3.8.1.2 (see Note 3 of SR 3.8.1.2), when a modified start as described above is used. If a modified start is not used, the start requirements of SR 3.8.1.7 apply. Since SR 3.8.1.7 does require a 10 second start for DG 1A and DG 1B and 13 seconds for DG 1C, it is more restrictive than SR 3.8.1.2, and it may be performed in lieu of SR 3.8.1.2. This is the intent of Note 1 of SR 3.8.1.2. Similarly, the performance of SR 3.8.1.12 or SR 3.8.1.19 also satisfies the requirements of SR 3.8.1.2 and SR 3.8.1.7.

INSERT 5

The normal 31 day Frequency for SR 3.8.1.2 is consistent with the industry guidelines for assessment of diesel generator performance (Refs. 14 and 15). The 184 day Frequency for SR 3.8.1.7 is a reduction in cold testing consistent with Generic Letter 84-15 (Ref. 7). These Frequencies provide adequate assurance of DG OPERABILITY, while minimizing degradation resulting from testing.

SR 3.8.1.3

This Surveillance demonstrates that the DGs are capable of synchronizing and accepting the surveillance test load of 3,000 - 3,100 kW. These Technical Specification load values were selected in view of human engineering considerations that the smallest graduation on the watt meter is 100 kW. The minimum run time of 60 minutes is required to stabilize engine temperatures, while minimizing the time that the DG is connected to the offsite source.

Although no power factor requirements are established by this SR, the DG is normally operated at a power factor between 0.8 lagging and 1.0. The 0.8 value is the design rating of the machine, while 1.0 is an operational limitation to ensure circulating

(continued)

INSERT 5

In addition to the SR requirements, the time for the DG to reach steady state operation, unless the modified DG start method is employed, is periodically monitored and the trend evaluated to identify degradation of governor and voltage regulator performance.

Insert 9

SR 3.8.1.7 requires that, at a 184-day Frequency, the DG starts from standby conditions and achieves the required voltage and frequency within 10 seconds for DG 1A and DG 1B and 13 seconds for DG 1C.