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Rick J. King  
Director, Nuclear Safety Assurance

RBG-46479

September 13, 2005

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

SUBJECT: Supplement to Amendment Request  
Corrections to Loss of Power Instrumentation Requirements  
River Bend Station, Unit 1  
Docket No. 50-458  
License No. NPF-47

REFERENCES: Letter RBG-46474, from Paul D. Hinnenkamp to USNRC, "License  
Amendment Request - Corrections to Loss of Power Instrumentation  
Requirements," dated August 31, 2005

Dear Sir or Madam:

By the letter referenced above, Entergy Operations, Inc. (Entergy) proposed a change to the River Bend Station, Unit 1(RBS) Technical Specifications (TSs) to revise certain requirements for the Loss of Power (LOP) instrumentation listed in TS Table 3.3.8.1-1.

On September 13, Entergy and members of your staff held a call to discuss the proposed changes. As a result of the call, it was determined that additional information was needed to complete the review and that the review could not be completed as requested on an exigent basis. However, it was also concluded that sufficient information was available in the original request to review the proposed changes for a limited application to the remaining operating cycle. Entergy is therefore revising the proposed changes to TS Table 3.3.8.1-1 to provide a one-time relaxation of the Loss of Power (LOP) instrumentation requirements rather than a permanent relaxation as previously proposed. River Bend's next refueling outage is scheduled for spring 2006. The TS changes would be applicable through June 1, 2006. A mark-up of the revised TS changes are provided in Attachment 1 of this submittal.

The original no significant hazards consideration included in Reference 1 is not affected by any information contained in the supplemental letter. The scope of the proposed changes has not been altered. The proposed revision only affects the period of time for which the changes will be in effect. There are no new commitments contained in this letter.

If you have any questions or require additional information, please contact Ron Byrd at 601-368-5792.

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I declare under penalty of perjury that the foregoing is true and correct. Executed on September 13, 2005.

Sincerely,



RJK/RWB/rwb

Attachments:

1. Proposed Technical Specification Changes (mark-up)

cc: Dr. Bruce S. Mallett  
U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011

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

U.S. Nuclear Regulatory Commission  
Attn: Mr. Michael K. Webb  
MS O-7D1  
Washington, DC 20555-0001

U. S. Nuclear Regulatory Commission  
Attn: Mr. N. Kalyanam  
MS O-7D1  
Washington, DC 20555-0001

Louisiana Department of Environmental Quality  
Office of Environmental Compliance  
Attn: Mr. Ronnie Wascom  
Surveillance Division  
P. O. Box 4312  
Baton Rouge, LA 70821-4312

**Attachment 1**

**To**

**RBG-46479**

**Proposed Technical Specification Changes (mark-up)**

LOP Instrumentation  
3.3.8.1

Table 3.3.8.1-1 (page 1 of 1)  
Loss of Power Instrumentation

FUNCTION	REQUIRED CHANNELS PER DIVISION	SURVEILLANCE REQUIREMENTS	ALLOWABLE VALUE
1. Divisions 1 and 2 - 4.16 kV Emergency Bus Undervoltage			
a. Loss of Voltage - 4.16 kV basis	3	SR 3.3.8.1.1 SR 3.3.8.1.2 SR 3.3.8.1.3 SR 3.3.8.1.4	$\geq 2850$ V and $\leq 3000$ V
b. Loss of Voltage - Time Delay	3 <sup>(*)</sup>	SR 3.3.8.1.2 <sup>(*)</sup> SR 3.3.8.1.3 SR 3.3.8.1.4	$\geq 2.67$ seconds and $\leq 3.33$ seconds
c. Degraded Voltage - 4.16 kV basis	3	SR 3.3.8.1.1 SR 3.3.8.1.2 SR 3.3.8.1.3 SR 3.3.8.1.4	$\geq 3086.8$ V and $\leq 3735.2$ V
d. Degraded Voltage - Time Delay, No LOCA	3 <sup>(*)</sup>	SR 3.3.8.1.2 <sup>(*)</sup> SR 3.3.8.1.3 SR 3.3.8.1.4	$\geq 53.4$ seconds and $\leq 66.6$ seconds
e. Degraded Voltage - Time Delay, LOCA	3 <sup>(*)</sup>	SR 3.3.8.1.2 <sup>(*)</sup> SR 3.3.8.1.3 SR 3.3.8.1.4	$\geq 4.5$ seconds and $\leq 5.7$ seconds
2. Division 3 - 4.16 kV Emergency Bus Undervoltage			
a. Loss of Voltage - 4.16 kV basis	2	SR 3.3.8.1.1 SR 3.3.8.1.3 SR 3.3.8.1.4	$\geq 2831$ V and $\leq 3258$ V
b. Loss of Voltage - Time Delay	2	SR 3.3.8.1.3 SR 3.3.8.1.4	$\geq 2.67$ seconds and $\leq 3.33$ seconds
c. Degraded Voltage - 4.16 kV basis	2	SR 3.3.8.1.1 SR 3.3.8.1.2 SR 3.3.8.1.3 SR 3.3.8.1.4	$\geq 3674.8$ V and $\leq 3721.2$ V
d. Degraded Voltage - Time Delay, No LOCA	2	SR 3.3.8.1.2 <sup>(*)</sup> SR 3.3.8.1.3 SR 3.3.8.1.4	$\geq 53.4$ seconds and $\leq 66.6$ seconds
e. Degraded Voltage - Time Delay, LOCA	2	SR 3.3.8.1.2 SR 3.3.8.1.3 SR 3.3.8.1.4	$\geq 4.5$ seconds and $\leq 5.7$ seconds

\* On a one-time basis, the Required Channels Per Division is changed from "3" to "1" for Functions 1.b, 1.d, and 1.e. Also on a one-time basis, the requirements of SR 3.3.8.1.2 are not applicable to Functions 1.b, 1.d, 1.e, and 2.d. These one-time changes expire on June 1, 2006.