



**Entergy**

**Entergy Operations, Inc.**

River Bend Station  
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Tel 225-381-4157

**David N. Lorfing**  
Manager, Licensing

September 22, 2008

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

**SUBJECT:** License Amendment Request  
River Bend Station, Unit 1  
Docket No. 50-458  
License No. NPF-47  
10 CFR 50.46 (a)(3)(ii) Report

**REFERENCES:**

1. Letter RBG-46615, "10 CFR 50.46 (a)(3)(ii) Report," dated August 24, 2006
2. Letter RBG-46583, "License Amendment Request Changes to the Analytical Methods Referenced in Technical Specification 5.6.5 - Core Operating Limits Report (COLR)," dated October 16, 2006
3. Letter RBC-50547, "Issuance of Amendment License Amendment Request Changes to the Analytical Methods Referenced in Technical Specification 5.6.5 - Core Operating Limits Report (COLR)," dated August 30, 2007 (TAC # MD 3293)

RBG-46847

Dear Sir or Madam:

In accordance with 10 CFR 50.46 (a)(3)(ii), River Bend Station (RBS) is required to report changes to or errors discovered in acceptable ECCS evaluation models on an annual basis. RBS is obligated to report the nature of the change or error and its estimated effect on calculated Peak Clad Temperature (PCT).

Since the last 10CFR50.46 report provided to the NRC [Reference 1], RBS submitted a License Amendment Request (LAR) [Reference 2] to implement AREVA's updated ECCS Performance analysis methodology, which has been approved by the NRC [Reference 3]. The new Analysis of Record (AOR) used to support the LAR resulted in an increase in Peak Clad Temperature of 94°F. There have been no changes or errors associated with the RBS ECCS Performance analysis since the implementation of the new AOR described above.

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The Table below summarizes the current ECCS Performance analysis performed by AREVA using their NRC approved methodology.

Notification	Nature of change	Estimated PCT Effect
None	New Analysis	N/A
Sum of absolute magnitude of errors during this period		0
Cumulative sum of absolute magnitude of errors prior to this period		0
Cumulative sum of absolute magnitude of errors including this period		0

This letter does not contain any commitments. If you have any questions or require additional information, please contact David Lorring at 225-381-4157.

Sincerely,



Manager, Licensing  
River Bend Station - Unit 1

DNL/bmb

cc: Mr. Elmo E. Collins, Jr.  
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