



Entergy Operations, Inc.
River Bend Station
5485 U.S. Highway 61N
St. Francisville, LA 70775
Tel 225-381-4374

RBG-47890

William F. Maguire
Site Vice President
River Bend Station

August 13, 2018

Attn: Document Control Desk
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852-2738

SUBJECT: Supplemental Information Related to License Renewal Application NRC Request
for Additional Information Set 10 (4.2.1-1, 4.7.3-1 and 4.7.3-2)
River Bend Station, Unit 1
Docket No. 50-458
License No. NPF-47

References: 1) Entergy Letter: License Renewal Application (RBG-47735 dated May 25, 2017)
2) Entergy Letter: Response to License Renewal Application NRC Request for
Additional Information (RAI) Set 10 (RBG-47835 dated March 26, 2018)

Dear Sir or Madam:

In Reference 1, Entergy Operations, Inc. (Entergy) submitted an application for renewal of the operating license for River Bend Station (RBS) for an additional 20 years beyond the current expiration date. In Reference 2, updated fluence values were provided for the license renewal application that were based on GEH calculation 003N2078 Revision 1. The purpose of this letter is to provide notification that an error has been identified in GEH calculation 003N2078 Revision 1. This error has been evaluated using the corrective action program and the values provided in Reference 2 remain applicable and the values in the license renewal application are not changing.

The error was the entering of 2.0861 rather than 2.8061 as the EFPY for combined operating cycles 10 and 11. This is an error of 0.72 EFPY. The calculation for fluence at the end of the period of extended operation included a 10% margin for future operating cycles. This 10% factor for future operating cycles resulted in an effective margin of 2.866 EFPY in the total fluence projected through the end of the period of extended operation. Because the identified error is less than the available margin, the values provided in the license renewal application remain valid. Therefore, the fluence values in the license renewal application are not changing and no change is necessary for the evaluation of fluence effects on the reactor vessel and the reactor vessel internals.

No new commitments have been identified in this letter.

If you require additional information, please contact Mr. Tim Schenk at (225)-381-4177 or tschenk@entergy.com.

In accordance with 10 CFR 50.91(b)(1), Entergy is notifying the State of Louisiana and the State of Texas by transmitting a copy of this letter to the designated State Official.

I declare under penalty of perjury that the foregoing is true and correct. Executed on August 13, 2018.

Sincerely,

A handwritten signature in black ink, appearing to read "WFM/RMC", with a large, stylized flourish extending from the bottom.

WFM/RMC/dp

cc: U. S. Nuclear Regulatory Commission
Attn: Emmanuel Sayoc
11555 Rockville Pike
Rockville, MD 20852

U.S. Nuclear Regulatory Commission
Region IV
1600 E. Lamar Blvd.
Arlington, TX 76011-4511

U.S. Nuclear Regulatory Commission
Attn: Ms. Lisa M. Regner, Project Manager
09-D-14
One White Flint North
11555 Rockville Pike
Rockville, MD 20852

NRC Senior Resident Inspector
Attn: Mr. Jeff Sowa
5485 U.S. Highway 61, Ste. NRC
St. Francisville, LA 70775

Department of Environmental Quality
Office of Environmental Compliance
Radiological Emergency Planning and Response Section
Ji Young Wiley
P.O. Box 4312
Baton Rouge, LA 70821-4312

Public Utility Commission of Texas
Attn: PUC Filing Clerk
1701 N. Congress Avenue
P. O. Box 13326
Austin, TX 78711-3326

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