



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
WASHINGTON, D.C. 20555-0001

August 15, 2018

Mr. William F. Maguire  
Site Vice President  
Entergy Operations, Inc.  
River Bend Station  
5485 U.S. Highway 61N  
St. Francisville, LA 70775

**SUBJECT: SUMMARY OF A TELEPHONE CONFERENCE CALL HELD ON AUGUST 6, 2018, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND ENTERGY TO CLARIFY THE FLUENCE INFORMATION IN SUPPORT OF THE RIVER BEND STATION, UNIT 1 LICENSE RENEWAL APPLICATION REVIEW (CAC NO. MF9757)**

Dear Mr. Maguire:

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Entergy Operations, Inc. (the applicant) held a telephone conference call on August 6, 2018, to discuss the information contained in Condition Report CR-RBS-2018-04206 that was provided to the NRC for awareness of an error in fluence calculations associated with the license renewal application. The conference call was held to facilitate efficiency in the review by fostering additional discussions to ensure that the staff has a correct understanding of fluence information in this condition report so the staff can appropriately address the issue in the safety evaluation report, if necessary.

The conference call participants are listed in Enclosure 1. Enclosure 2 summarizes the discussions. Mr. David Lach of your staff agreed that all the responses would be formally submitted to the NRC in accordance with previously established schedules.

If you have any questions, please contact me by telephone at 301-415-4084 or via e-mail at [Emmanuel.Sayoc@nrc.gov](mailto:Emmanuel.Sayoc@nrc.gov).

Sincerely,

**/RA/**

Emmanuel Sayoc, Project Manager  
License Renewal Project Branch  
Division of Materials and License Renewal  
Office of Nuclear Reactor Regulation

Docket No. 50-458

Enclosures:

1. List of Participants for the  
August 6, 2018 Telephone Conference Call
2. Summary of Discussions

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NAME	ESayoc	EOesterle	SLent	Awong for ESayoc
DATE	08/14/2018	08/14/2018	08/14/2018	08/15/2018

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LIST OF PARTICIPANTS FOR THE AUGUST 6, 2018, TELEPHONE CONFERENCE CALL

PARTICIPANTS	AFFILIATIONS
Allen Hiser	U.S. Nuclear Regulatory Commission (NRC)
David Alley	NRC
James Medoff	NRC
Emmanuel Sayoc	NRC
Albert Wong	NRC
Garry Young	Entergy Nuclear Operations Inc. (Entergy)
David Lach	Entergy
Mark Spinelli	Entergy
Stan Batch	Entergy
Todd Sherman	Entergy
Dennis Pereira	Entergy
Mike Cooper	Entergy
Randy Gauthreaux	Entergy
Lisa Borel	Entergy
Shawn Lamb	General Electric Hitachi (GEH)
Scott Pfeffer	GEH
Christopher Edgar	GEH

## SUMMARY OF DISCUSSIONS

The applicant stated that an error had been discovered in the General Electric Hitachi (GEH) fluence calculation report 003N2078 Revision 1, a document used to support the River Bend Station License Renewal Application (LRA). This error was caused by two digits being inadvertently transposed in the irradiation time calculations. The error led to an underestimation of the fluence values in cycles 10 and 11. However, due to the margin built into the future operating cycles, this error did not impact the validity of the fluence values stated in the LRA, as amended. This issue was documented in RBS Condition Report CR-RBS-2018-04206.

The staff requested that the applicant formally document this issue in a letter to the NRC so it can be docketed. The staff plans to address its impact in the safety evaluation report.

Enclosure 2