



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

August 16, 2018

Mr. William F. Maguire  
Site Vice President  
River Bend Station, Unit 1  
Entergy Operations, Inc.  
5485 U.S. Highway 61 N  
St. Francisville, LA 70775

SUBJECT: SAFETY EVALUATION REPORT RELATED TO THE LICENSE RENEWAL OF  
RIVER BEND STATION, UNIT 1 (TAC NO. MF9757)

Dear Mr. Maguire:

By letter dated May 25, 2017 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17153A282), Entergy Operations, Inc. (the applicant) submitted a license renewal application (LRA) pursuant to Title 10 of the *Code of Federal Regulations* Part 54, to renew operating license NPF-47 for River Bend Station Unit 1 for review by the U.S. Nuclear Regulatory Commission (NRC or the staff). The staff determined that the LRA was complete and acceptable for docketing on August 7, 2017.

The staff has reviewed the River Bend Station (RBS) LRA and has developed the enclosed Safety Evaluation Report (SER) (ADAMS Accession No. ML18212A151). This SER reflects completion of the staff's evaluation.

The next milestone for this project is the Advisory Committee on Reactor Safeguards (ACRS) Subcommittee meeting on September 20, 2018. Although this SER is considered final, changes to it may be necessary following review by the ACRS, to address ACRS comments.

If you have any questions regarding this matter, please contact the license renewal project manager, Mr. Emmanuel Sayoc, at 301-415-4084 or by e-mail at [Emmanuel.Sayoc@nrc.gov](mailto:Emmanuel.Sayoc@nrc.gov).

Sincerely,

/RA/

George A. Wilson Jr., Director  
Division of Materials and License Renewal  
Office of Nuclear Reactor Regulation

Docket No. 50-458

Enclosure:  
As stated

cc w/encl: Listserv

SUBJECT: SAFETY EVALUATION REPORT RELATED TO THE LICENSE RENEWAL OF  
RIVER BEND STATION, UNIT ONE (TAC NO. MF9757) DATED AUGUST 16,  
2018

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David Lach, [dlach@entergy.com](mailto:dlach@entergy.com)  
Timothy Schenk, [tschenk@entergy.com](mailto:tschenk@entergy.com)

**ADAMS Accession Nos.**

**ML18212A179 (package)**

**ML18138A355 (Letter)**

**ML18212A151 (SER)**

**\*Concurred via e-mail**

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