



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

January 4, 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: RIVER BEND STATION, UNIT 1 LICENSE RENEWAL APPLICATION REVIEW
DECEMBER 2017 STATUS LETTER (CAC NOS. MF9747 AND MF9778)**

Dear Mr. Maguire:

By letter dated May 25, 2017 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17153A282), the U.S. Nuclear Regulatory Commission (NRC or the staff) received the Entergy Operations, Inc. (Entergy) application for renewal of Operating License NPF-47 for River Bend Station, Unit 1 (RBS). The application was supplemented by letter dated August 1, 2017 (ADAMS Accession No. ML17213A064, Non-Public). On August 7, 2017 (ADAMS Accession No. ML17177A058), the application was accepted for review. The purpose of this letter is to provide the status of the license renewal application review for RBS.

For the safety review, the operating experience, scoping and screening, in office (at NRC headquarters) aging management program (AMP), and on site (at RBS) AMP review audits were completed as scheduled on October 13, 26, November 3, and 8, 2017, respectively. Entergy's CERTREC document portal is still operational and all document requests have been completed. The staff is about one month into the next major phase of its review, which is the issuance of requests for additional information (RAI). To date the staff has issued RAI sets 1 through 6, via RAI letters to Entergy, for a total of 30 RAIs. Entergy has submitted responses to the first two RAI sets. The staff is in the process of reviewing the responses, issuing the remaining RAIs, and drafting the Safety Evaluation Report.

For the environmental review, the environmental and severe accident mitigation alternatives (SAMA) audits were completed on October 26, 2017. The staff issued environmental RAIs on November 7, 2017 and received the RBS response on December 11, 2017. The staff issued SAMA RAIs on November 8, 2017, and received the RBS response on December 5, 2017. The staff is in the process of reviewing the responses and drafting the Environmental Impact Statement.

This letter also updates the enclosed safety and environmental review schedule for the RBS application. At this time the review is on schedule.

If you have any questions on this matter, please contact Mr. Emmanuel Sayoc, Project Manager for the review of the River Bend Station license renewal application, by telephone at 301-415-4084 or via e-mail at Emmanuel.Sayoc@nrc.gov.

If you have any questions on the schedule related to the environmental review, please contact Mr. David Drucker, Project Manager, by telephone at 301-415-6223 or via e-mail at David.Drucker@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

Enclosure:
As stated

cc w/encl.: Listserv

RIVER BEND STATION, UNIT 1
LICENSE RENEWAL APPLICATION
REVIEW SCHEDULE

Milestone	Scheduled	Actual
Receive license renewal application (LRA)	5/31/2017	5/31/2017
Publish <i>Federal Register</i> Notice (FRN) – LRA availability	6/20/2017	6/20/2017
Publish FRN – acceptance/rejection and opportunity for hearing	8/2017	8/14/2017
Public Meeting – License Renewal Overview and Environmental Scoping meeting	9/2017	9/19/2017
Environmental scoping period ends	9/2017	10/23/2017
Deadline for filing hearing requests and petitions for intervention	10/2017	10/13/2017
Issue draft supplemental environmental impact statement (SEIS)	4/2018	
Public Meeting – draft SEIS meeting	5/2018	
End of draft SEIS comment period	6/2018	
Issue final safety evaluation report	7/2018	
Advisory Committee on Reactor Safeguards (ACRS) Subcommittee meeting	10/2018	
Issue final SEIS	11/2018	
ACRS full committee meeting	12/2018	
U.S. Environmental Protection Agency FRN Published – availability of final SEIS	12/2018	
Decision – Director, NRR	2/2019	

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 DATED

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ADAMS Accession No. ML17348B167

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NAME	ESayoc	YEdmonds (SLent for)	BBeasley	EOesterle	ESayoc
DATE	1/2/2018	12/28/2017	1/3/2018	1/4/2018	1/4/2018

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