Entergy

Entergy Operations, Inc.
River Bend Station
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St. Francisville, LA 70775
Tel 225-381-4374

William F. Maguire
Site Vice President
River Bend Station

RBG-47873

June 13, 2018

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

SUBJECT: License Renewal Application, Revised Updated Safety Analysis Report Supplement, Appendix A, Section A.4, License Renewal Commitment List, Revised Commitment 5
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: License Renewal Application, Revised Updated Safety Analysis Report Supplement (RBG-47870 dated June 6, 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. Included in Reference 1 was the Updated Safety Analysis Report Supplement, Appendix A, Section A.4, License Renewal Commitment List. During the license renewal application review, Section A.4, License Renewal Commitment List was updated to include new and revised information resulting from the review (Reference 2). Following submittal of Reference 2, Entergy determined that Commitment 5 should be revised for better clarity. Enclosure 1 provides the complete updated license renewal commitment list with the revised Commitment 5.

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 June 13, 2018.

Sincerely,

WFM/RMC/dp

Enclosure 1: License Renewal Application, Appendix A, Updated Safety Analysis Report Supplement, Section A.4, License Renewal Commitment List, – River Bend Station

cc: (with Enclosure)

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

cc: (w/o Enclosure)

U. S. Nuclear Regulatory Commission
Attn: Lisa Regner
11555 Rockville Pike
Rockville, MD 20852

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

NRC Resident Inspector
PO Box 1050
St. Francisville, LA 70775

Central Records Clerk
Public Utility Commission of Texas
1701 N. Congress Ave.
Austin, TX 78711-3326

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

RBF1-18-0117

RBG-47873

Enclosure 1

License Renewal Application
Appendix A, Updated Safety Analysis Report Supplement, Section A.4, License Renewal Commitment List

A.4 LICENSE RENEWAL COMMITMENT LIST

No.	Program or Activity	Commitment	Implementation Schedule	Source (Letter Number)
1	Aboveground Metallic Tanks	Implement the Aboveground Metallic Tanks Program as described in LRA Section A.1.1.	Prior to February 28, 2025.	RBG-47735 RBG-47818
2	Bolting Integrity	Enhance the Bolting Integrity Program as described in LRA Section A.1.2.	Prior to February 28, 2025.	RBG-47735 RBG-47828
3	Neutron Absorbing Material Monitoring	Implement the Neutron Absorbing Material Monitoring Program as described in LRA Section A.1.3.	Prior to February 28, 2025, or the end of the last refueling outage prior to August 29, 2025, whichever is later.	RBG-47735 RBG-47830 RBG-47848
4	Buried and Underground Piping and Tanks Inspection	Implement the Buried and Underground Piping and Tanks Inspection Program as described in LRA Section A.1.4.	Prior to February 28, 2025, or the end of the last refueling outage prior to August 29, 2025, whichever is later.	RBG-47735 RBG-47813 RBG-47850 RBG-47860
5	BWR Vessel Internals	Enhance the BWR Vessel Internals Program as described in LRA Section A.1.10.	Prior to February 28, 2025. ~~Initial inspections will be performed prior to August 29, 2030.~~	RBG-47735 RBG-47818 RBG-47873
6	Coating Integrity	Implement the Coating Integrity Program as described in LRA Section A.1.11.	Prior to February 28, 2025, or the end of the last refueling outage prior to August 29, 2025, whichever is later.	RBG-47735 RBG-47805
7	Compressed Air Monitoring	Enhance the Compressed Air Monitoring Program as described in LRA Section A.1.12.	Prior to February 28, 2025.	RBG-47735

No.	Program or Activity	Commitment	Implementation Schedule	Source (Letter Number)
8	Containment Inservice Inspection – IWE	Enhance the CII-IWE Program as described in LRA Section A.1.13.	Prior to February 28, 2025, or the end of the last refueling outage prior to August 29, 2025, whichever is later.	RBG-47735
9	Diesel Fuel Monitoring	Enhance the Diesel Fuel Monitoring Program as described in LRA Section A.1.15.	Prior to February 28, 2025, or the end of the last refueling outage prior to August 29, 2025, whichever is later.	RBG-47735 RBG-47812 RBG-47849 RBG-47860
10	External Surfaces Monitoring	Enhance the External Surfaces Monitoring Program as described in LRA Section A.1.17.	Prior to February 28, 2025, or the end of the last refueling outage prior to August 29, 2025, whichever is later.	RBG-47735
11	Fatigue Monitoring	Enhance the Fatigue Monitoring Program as described in LRA Section A.1.18.	Enhancement to develop a set of fatigue usage calculations: prior to August 29, 2023. Remaining enhancements: prior to February 28, 2025.	RBG-47735
11a	Fatigue Monitoring	Revise the Fatigue Monitoring Program description (Section 7B) of RBS-EP-15-00006, "Aging Management Program Evaluation Report Class 1 Mechanical," to state acceptable corrective actions include repair of the component, replacement of the component, and a more rigorous analysis of the component to demonstrate that the design code limit will not be exceeded during the period of extended operation.	Prior to February 28, 2025.	RBG-47846

No.	Program or Activity	Commitment	Implementation Schedule	Source (Letter Number)
12	Fire Water System	Enhance the Fire Water System Program as described in LRA Section A.1.20.	Prior to February 28, 2025, or the end of the last refueling outage prior to August 29, 2025, whichever is later.	RBG-47735 RBG-47805 RBG-47818
12a	Fire Water System	Remove existing coating, perform bottom thickness measurements and recoat the fire water storage tanks.	Within seven years prior to February 28, 2025.	RBG-47818
13	Flow-Accelerated Corrosion	Enhance the Flow-Accelerated Corrosion Program as described in LRA Section A.1.21.	Prior to February 28, 2025.	RBG-47735 RBG-47860
14	Inservice Inspection – IWF	Enhance the ISI-IWF Program as described in LRA Section A.1.23.	Prior to February 28, 2025.	RBG-47735
15	Inspection of Overhead Heavy Load and Light Load (Related to Refueling) Handling Systems	Enhance the Inspection of Overhead Heavy Load and Light Load (Related to Refueling) Handling Systems Program as described in LRA Section A.1.24.	Prior to February 28, 2025.	RBG-47735
16	Internal Surfaces in Miscellaneous Piping and Ducting Components	Implement the Internal Surfaces in Miscellaneous Piping and Ducting Components Program as described in LRA Section A.1.25.	Prior to February 28, 2025.	RBG-47735 RBG-47835 RBG-47860
17	Masonry Wall	Enhance the Masonry Wall Program as described in LRA Section A.1.26.	Prior to February 28, 2025.	RBG-47735
18	Non-EQ Electrical Cable Connections	Implement the Non-EQ Electrical Cable Connections Program as described in LRA Section A.1.27.	Prior to February 28, 2025, or the end of the last refueling outage prior to August 29, 2025, whichever is later.	RBG-47735

No.	Program or Activity	Commitment	Implementation Schedule	Source (Letter Number)
19	Non-EQ Inaccessible Power Cables (≥ 400 V)	Implement the Non-EQ Inaccessible Power Cables (≥ 400 V) Program as described in LRA Section A.1.28.	Prior to February 28, 2025, or the end of the last refueling outage prior to August 29, 2025, whichever is later.	RBG-47735 RBG-47828
20	Non-EQ Insulated Cables and Connections	Implement the Non-EQ Insulated Cables and Connections Program as described in LRA Section A.1.29. Revise RBS report, Aging Management Program Evaluation Results - Electrical, to include directions to perform an engineering evaluation in the corrective actions program element.	Prior to February 28, 2025, or the end of the last refueling outage prior to August 29, 2025, whichever is later.	RBG-47735 RBG-47828
21	Non-EQ Sensitive Instrumentation Circuits Test Review	Implement the Non-EQ Sensitive Instrumentation Circuits Test Review Program as described in LRA Section A.1.30.	Prior to February 28, 2025, or the end of the last refueling outage prior to August 29, 2025, whichever is later.	RBG-47735
22	One-Time Inspection	Implement the One-Time Inspection Program as described in LRA Section A.1.32.	Prior to February 28, 2025, or the end of the last refueling outage prior to August 29, 2025, whichever is later.	RBG-47735 RBG-47834 RBG-47860
23	One-Time Inspection – Small-Bore Piping	Implement the One-Time Inspection – Small-Bore Piping Program as described in LRA Section A.1.33.	Prior to February 28, 2025, or the end of the last refueling outage prior to August 29, 2025, whichever is later.	RBG-47735

No.	Program or Activity	Commitment	Implementation Schedule	Source (Letter Number)
24	Periodic Surveillance and Preventive Maintenance	Enhance the PSPM Program as described in LRA Section A.1.34.	Prior to February 28, 2025, or the end of the last refueling outage prior to August 29, 2025, whichever is later.	RBG-47735 RBG-47805 RBG-47835 RBG-47846 RBG-47860 RBG-47861 RBG-47867
25	Reactor Head Closure Studs	Enhance the Reactor Head Closure Studs Program as described in LRA Section A.1.36.	Prior to February 28, 2025, or the end of the last refueling outage prior to August 29, 2025, whichever is later.	RBG-47735
26	RG 1.127, Inspection of Water-Control Structures Associated with Nuclear Power Plants	Enhance the RG 1.127, Inspection of Water-Control Structures Associated with Nuclear Power Plants Program as described in LRA Section A.1.38.	Prior to February 28, 2025, or the end of the last refueling outage prior to August 29, 2025, whichever is later.	RBG-47735
27	Selective Leaching	Implement the Selective Leaching Program as described in LRA Section A.1.39.	Prior to February 28, 2025, or the end of the last refueling outage prior to August 29, 2025, whichever is later.	RBG-47735 RBG-47812
28	Structures Monitoring	Enhance the Structures Monitoring Program as described in LRA Section A.1.41.	Prior to February 28, 2025, or the end of the last refueling outage prior to August 29, 2025, whichever is later.	RBG-47735 RBG-47842 RBG-47860

No.	Program or Activity	Commitment	Implementation Schedule	Source (Letter Number)
29	Water Chemistry Control – Closed Treated Water Systems	Enhance the Water Chemistry Control – Closed Treated Water Systems Program as described in LRA Section A.1.43.	Prior to February 28, 2025.	RBG-47735
30	Control Rod Drive Return Line Nozzle Program	Enhance the Control Rod Drive Return Line Nozzle Program as described in LRA Section A.1.5.	Prior to February 28, 2025, or the end of the last refueling outage prior to August 29, 2025, whichever is later.	RBG-47812
31	Service Water Integrity	Enhance the Service Water Integrity Program as described in LRA Section A.1.40.	Prior to February 28, 2025.	RBG-47834
32	Neutron Absorbing Material Monitoring	Install aluminum boron-carbide neutron absorbing material before the period of extended operation so that the Boraflex material in the spent fuel pool will not be credited to perform a neutron absorption function. Entergy shall submit a letter to the NRC, within 60 days following installation of the new neutron absorbing material, confirming that the Boraflex material is no longer credited for neutron absorption.	Prior to February 28, 2025, or the end of the last refueling outage prior to August 29, 2025, whichever is later.	RBG-47830 RBG-47848