



Entergy Operations, Inc.
River Bend Station
5485 U.S. Highway 61N
St. Francisville, LA 70775
Tel 225-381-4177

Timothy A. Schenk
Manager, Regulatory Assurance

June 5, 2017

RBG-47763

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Subject: Submittal of Owner's Activity Report Form (OAR-1)
River Bend Station - Unit 1
License No. NPF-47
Docket No. 50-458

Dear Sir or Madam:

Pursuant to ASME Code Case N-532-4, please find enclosed the River Bend (RBS) Cycle 19 Owner's Activity Report Form (OAR-1). This report reflects ASME Section XI program activities occurring between March 2015 and March 2017. If you have any questions or require further information, please contact Mr. Tony Glass at (225) 381-4774.

A handwritten signature in black ink, appearing to read "TAS", written over a horizontal line.

Timothy A. Schenk
TAS/alc

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

NRC Senior Resident Inspector
P. O. Box 1050
St. Francisville, LA 70775

U. S. Nuclear Regulatory Commission
Attn: Ms. Lisa Regner
MS 08H04
One White Flint North
11555 Rockville Pike
Rockville, MD 20852

Louisiana 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

RBF1-17-0066

FORM OAR-1 OWNERS ACTIVITY REPORT

Report Number: Cycle 19/Refueling Outage

Page 1 of 2

Plant: River Bend Station, 5485 U.S. Highway 61, Saint Francisville, Louisiana 70775

Unit No: 1

Commercial Service Date: 6/16/1986

Refueling Outage No.: 19

Current Inspection Interval: 3rd

Current Inspection Period: 3rd

Edition and Addenda of Section XI applicable to the Inspection Plans: 2001 Edition through 2003 Addendum

Date and Revision of Inspection Plans: SEP-ISI-RBS-001, Revision 001, Dated 5/18/2016

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the Inspection Plans:

NA

Code Cases used for inspection and evaluation: N-532-5

CERTIFICATE OF CONFORMANCE

I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of Refueling 19 conform to the requirements of Section XI.

Signed: Cecil A. Glass / C. P. Shaw, RBS ASME RIR ENGINEER Date: 5/31/17
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by The Hartford Steam Boiler Inspection and Insurance Company of Hartford Connecticut have inspected the items described in this Owner's Activity Report, and state that, to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair/replacement activities and evaluation described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

[Signature] Commissions: 10562 A, N, I LA 1658
Inspector's Signature (National Board Number and Endorsement)

Date: 6-01-2017

FORM OAR-1 OWNERS ACTIVITY REPORT

Report Number: Cycle 19/Refueling Outage

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Unit No.: 1

Commercial Service Date: 6/16/1986

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TABLE 1: ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE		
Examination Category and Item Number	Item Description	Evaluation Description
B-N-2 B13.40 (BWRVIP-76-R1 Section 2.2 & 2.3 Figure 3-3)	Reactor Pressure Vessel Core Shroud Cracking	Indications in the H4 Weld were evaluated in CR-RBS-2017-01066. Indications in the H6B, V12, and V13 welds were evaluated in CR-RBS-2017-01510. The evaluations determined that the Reactor Pressure Vessel Core Shroud is acceptable for continued service.

TABLE 2: ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE				
Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
3	30" Service Water Pipe Support	Rework the weld between pipe support SWP-PSR-1138-A3 and embedded plate due to corrosion.	11-01-2016	IS-1-14-1618
3	4" Reactor Water Clean Up Piping	Replace line number WCS-004-156-3 to correct wall thinning due to flow accelerated corrosion.	4-18-2017	IS-1-16-1646