



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION IV
1600 EAST LAMAR BOULEVARD
ARLINGTON, TEXAS 76011-4511

August 30, 2019

Mr. Steven Vercelli
Site Vice President
Entergy Operations, Inc.
5485 U.S. Highway 61N
St. Francisville, LA 70775

SUBJECT: UPDATED INSPECTION PLAN FOR RIVER BEND STATION,
REPORT 05000458/2019005

Dear Mr. Vercelli:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, for River Bend Station. The U.S. Nuclear Regulatory Commission (NRC) provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. You should be aware that the agency is pursuing potential changes to the Reactor Oversight Process (ROP), including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"), and other changes to the baseline inspection program described in SECY-19-0067, "Recommendations for Enhancing the Reactor Oversight Process." Should these changes to the ROP be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020. The inspections listed during the last 12 months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

On March 12, 2018, the NRC issued a Confirmatory Order (ADAMS Accession No. ML18072A191) (EA-17-132 and EA-17-153) to the Entergy fleet that included River Bend Station. The Confirmatory Order was associated with nonlicensed operators deliberately failing to tour all required areas and deliberately entering inaccurate information into the operating logs. On April 19, 2019, the NRC issued River Bend Station two Severity Level III violations for similar occurrences (ADAMS Accession No. ML19112A197). The NRC plans to conduct a Confirmatory Order follow-up inspection at Entergy Corporate Headquarters in Jackson, MS, of the actions required to be completed by the end of calendar year 2019, in accordance with Inspection Procedure 92702, "Followup on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, And Alternative Dispute Resolution Confirmatory Orders." This inspection will be conducted during the first quarter of 2020 on a date to be determined by the NRC and Entergy.

In accordance with Title 10 of the *Code of Federal Regulations* (CFR) 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at (817) 200-1250 with any questions you have regarding this letter.

Sincerely,

/RA/

Cale H. Young, Acting Chief
Project Branch C
Division of Reactor Projects

Docket No. 50-458
License No. NPF-47

Enclosure:
Inspection Plan

UPDATED INSPECTION PLAN FOR RIVER BEND STATION, REPORT 05000458/2019005 -
DATED AUGUST 30, 2019

DISTRIBUTION:

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 ROP Reports Resource
 ROP Assessment Resource

DOCUMENT NAME: RBS 2019005 MidCycle
 ADAMS ACCESSION NUMBER: ML19234A233

☒ SUNSI Review ADAMS: ☐ Non-Publicly Available ☒ Non-Sensitive Keyword:
 By: **DLP** ☒ Yes ☐ No ☒ Publicly Available ☐ Sensitive NRC002

OFFICE	PBC:SPE	PBC:C				
NAME	DProulx	CYoung				
SIGNATURE	/RA/	/RA/				
DATE	08/22/19	08/30/19				

OFFICIAL RECORD COPY

IP 22 Inspection Activity Plan Report

River Bend

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
RBS RI 4TH QUARTERLY REPORT						2
1	09/01/2018	12/31/2019	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
1	09/01/2018	12/31/2019	IP 92702	000238	Followup on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, And Alternative Dispute Resolution Confirmatory Orders	
RP TEAM INSPECTION						4
1	06/23/2019	07/12/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1	06/23/2019	07/12/2019	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1	06/23/2019	07/12/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
1	06/23/2019	07/12/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
RIVER BEND DBA PROGRAMS EQ INSPECTION						3
1	07/14/2019	08/01/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
EP PROGRAM INSPECTION						1
1	07/22/2019	07/26/2019	IP 71114.02	000717	Alert and Notification System Testing	
1	07/22/2019	07/26/2019	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1	07/22/2019	07/26/2019	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	07/22/2019	07/26/2019	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1	07/22/2019	07/26/2019	IP 71151	001397	Performance Indicator Verification	
FORCE-ON-FORCE PLANNING AND EXERCISES						6
1	10/07/2019	10/11/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1	10/28/2019	11/01/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
Fire Protection Inspection - RBS						4
1	10/20/2019	10/26/2019	IP 71111.05T	000696	Fire Protection	
1	11/03/2019	11/09/2019	IP 71111.05T	000696	Fire Protection	
RBS 2019 INITIAL EXAM						5
1	10/20/2019	10/26/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	11/17/2019	11/30/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	

IP 22 Inspection Activity Plan Report

River Bend

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
RS24 Radiation Safety						2
1	02/10/2020	02/14/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	02/10/2020	02/14/2020	IP 71124.04	000728	Occupational Dose Assessment	
Security Protective Strategy .05 with Exercise						2
1	04/13/2020	04/17/2020	IP 71130.05	000737	Protective Strategy Evaluation	
Security Equipment .04 and Training .07						2
1	05/11/2020	05/15/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1	05/11/2020	05/15/2020	IP 71130.07	000739	Security Training	
RS13PI Radiation Safety						2
1	05/18/2020	05/22/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	05/18/2020	05/22/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
EP Exercise and PI Inspection						4
1	06/22/2020	06/26/2020	IP 71114.01	000716	Exercise Evaluation	
1	06/22/2020	06/26/2020	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	06/22/2020	06/26/2020	IP 71151	001397	Performance Indicator Verification	
River Bend 1 - Design Bases Assurance Inspection (Teams)						6
1	07/13/2020	07/31/2020	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
Security Access Control .02						1
1	07/20/2020	07/24/2020	IP 71130.02	000734	Access Control	
1	07/20/2020	07/24/2020	IP 71151	001338	Performance Indicator Verification	
RBS 2020 BRQ						2
1	08/30/2020	09/05/2020	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
RBS 2021 INITIAL EXAM						6
1	01/03/2021	01/09/2021	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	02/07/2021	02/13/2021	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
1	02/07/2021	02/20/2021	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
50.59 Inspection 17T - River Bend						3
1	01/25/2021	01/29/2021	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

IP 22 Inspection Activity Plan Report

River Bend

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
Inservice Inspection RF21 - RBS						1
1	02/15/2021	02/19/2021	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
RP 1,2,PI						2
1	02/22/2021	02/26/2021	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	02/22/2021	02/26/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
EP Program Inspection						1
1	06/28/2021	07/02/2021	IP 71114.02	000717	Alert and Notification System Testing	