



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

September 3, 2020

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

SUBJECT: RIVER BEND STATION – NRC SECURITY INSPECTION  
REPORT 05000458/2020411

Dear Mr. Vercelli:

On July 23, 2020, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at River Bend Station and discussed the results of this inspection with Mr. Jeff Reynolds, Director, Regulatory Assurance and Performance Improvement, and other members of your staff. The results of this inspection are documented in the enclosed report.

No findings or violations of more than minor significance were identified during this inspection.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

Ray L.  
Kellar

Digitally signed  
by Ray L. Kellar  
Date:2020.09.03  
08:44:41 -05'00'

Ray L. Kellar, P.E., Chief  
Plant Support Branch 1  
Division of Reactor Safety

Docket No. 05000458  
License No. NPF-47

Enclosure:  
As stated

cc w/ encl: Distribution via LISTSERV®

RIVER BEND STATION – NRC SECURITY INSPECTION REPORT 05000458/2020411 –  
September 3, 2020

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**U.S. NUCLEAR REGULATORY COMMISSION**  
**Inspection Report**

Docket Number: 05000458

License Number: NPF-47

Report Number: 05000458/2020411

Enterprise Identifier: I-2020-411-0009

Licensee: Entergy Operations, Inc.

Facility: River Bend Station

Location: Saint Francisville, Louisiana

Inspection Dates: July 20, 2020 to July 23, 2020

Inspectors: J. Buchanan, Physical Security Inspector  
R. Lanfear, Physical Security Specialist

Approved By: Ray L. Kellar, P.E., Chief  
Plant Support Branch 1  
Division of Reactor Safety

Enclosure

## **SUMMARY**

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a security baseline inspection at River Bend Station in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

### **List of Findings and Violations**

No findings or violations of more than minor significance were identified.

### **Additional Tracking Items**

None.

## **INSPECTION SCOPES**

Unless otherwise noted, baseline security inspections were conducted in accordance with the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter 2201, "Security Inspection Program for Commercial Nuclear Power Reactors." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards. Publicly available IPs are located at: <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>.

## **SAFEGUARDS**

### 71130.04 - Equipment Performance, Testing, and Maintenance

The inspectors evaluated the security equipment testing and maintenance program. The following elements were evaluated from this IP.

#### Equipment Performance, Testing, and Maintenance (1 Sample)

- (1)
  - Tier I: All requirements
  - Tier II: All requirements except for 02.10a and 02.11e
  - Tier III: All requirements except for 02.15b

### 71130.07 - Security Training

The inspectors evaluated the security training program through completion of the following procedure elements:

#### Security Training (1 Sample)

- (1)
  - Tier I: All Requirements
  - Tier II: All Requirements except 02.05a
  - Tier III: All Requirements except 02.10, 02.11, 02.12b, 02.13 a-c, 02.14 a-c

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

The inspectors verified no proprietary information was retained or documented in this report.

- On July 23, 2020, the inspectors presented the security baseline inspection results to Mr. J. Reynolds, Director, Regulatory Assurance and Performance Improvement, and other members of the licensee staff.

## DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.04	Corrective Action Documents	2019-00771, 2019-03940, 2019-04485, 2019-04634, 2019-05537, 2019-05820, 2019-07214, 2019-07671, 2020-00264, 2020-00538, 2020-01374, 2020-01436, 2020-01522, 2020-01558, 2020-01626, 2020-01807, 2020-01830, 2020-01978, 2020-01979, 2020-02247, 2020-02307, 2020-02346, 2020-02393, 2020-02401, 2020-02412, 2020-02509, 2020-02510, 2020-02530, 2020-02664, 2020-02498, 2020-02706, and 2020-02727		

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
	Miscellaneous		Alarm History Report	07/22/2020
			Lenco BearCat Maintenance Schedules	
			Lenco BearCat Service/Repair Invoices	2018 - 2019
			Rifle Technical Inspections	2018 - 2020
			Radio-FCY-CD Annual Maintenance	06/26/2019
			Radio-FP-SECT/DETECTIVE Annual Maintenance	10/13/2019
		FLP-SEC-PVS14	PVS-14 Operation	0
		FLP-SEC-THMOPTC	Oasys Universal Thermal Monocular Thermal Optic	0
		LO-RLO-2019-00070	Self-Assessment IP 71130.04 Equipment Performance, Testing and Maintenance	01/21/2020
		NSF-212-02	Rifle Inventory	
		NSF-212-02	Handgun Inventory	
		QA-16-2019-RBS-1	Security (Including Cyber Security) Audit Notification/Audit Plan Memorandum	10/17/2019
		RLP-SEC-BREEQP	Lesson Plan BRE Equipment	0
	Procedures	EN-NS-212	Weapons Maintenance Accountability Program	06
		EN-WM-100	Work Request Generation, Screening and Classification	16
		EN-WM-105	Explosive Detector Devices	07/20/2020
		EN-WM-105	Inverter	06/19/2018
		SDI-013	Issue, Control, and Maintenance of Security Force Equipment	09
		SDI-017	Security System Tests, Inspections, and Maintenance	07
		SPI-02	Patrol Officer	35
		SPI-35	BEARCAT Officers	04
		STI-017-07-01	Security System Operational Test – Technical Specification Requirements	04
		STI-017-07-02	X-ray Equipment Image Test – PAP	09
		STI-017-07-02-01	X-ray Equipment Image Test – Warehouse	01
		STI-017-07-07	Portable Explosive Detector Operability Test	03
		STI-017-07-08	BRE Equipment Performance Test	08
		STI-017-07-09	Explosive Detector Operability Test	10

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		STI-017-07-10	Metal Detector Operability Test	04
		STI-017-07-11	SOCA Early Warning System Operational Test	09
		STI-017-180-01	Protected Area Intrusion Detection Performance Test	03
		STI-017-180-02	SOCA Early Warning System Performance Test	06
		STI-017-90-01	HVAC System Lock Check	03
		STI-017-90-02	Diesel Generator 108 Gates 4,5,6 and DG131-H Operability Check	04
		STI-017-90-04	Quarterly Light Survey	07
		STI-017-90-06	Biometric Hand Reader Quarterly Performance Test	05
		STI-017-90-07	Defensive Equipment Performance Test	08
	Work Orders	00459407, 00463725, 00467219, 00470180, 00473430, 00473842, 00474673, 00475211, 00475959, 00476205, 0077301, 52813398, and 52934615		
71130.07	Corrective Action Documents	RBS-2019-07354		12/09/2019
		RBS-2020-02197		05/25/2020
	Corrective Action Documents Resulting from Inspection	HQN-2020-01429		07/22/2020
		RBS-2020-03057		07/22/2020
		RBS-2020-03068		07/22/2020
	Miscellaneous	FCOF-RBS-TACCRS	Tactical Course of Fire	3
		FJPM-SEC-04.0	Conduct Personnel Searches	1
		FJPM-SEC-20.0	Respond to Contingency Events and Execute Defensive Strategy	0



Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		RJPM-SEC-12.0	Test Intrusion Detection Equipment and Special Purpose Detectors	02/21/2018
		Semi-Automatic Daylight Handgun	Course of fire	05/31/2018
		Semi-Automatic Daylight Rifle	Course of fire	07/22/2020
		Training Records	Various Security Officer and Supervisor Training records	07/22/2014
	Procedures	EN-NS-300	Security Training Program	9
		EN-NS-301	Security Systematic Approach to Training (SAT) Process	4
		EN-NS-303	Security Training Oversight Program	7
		EN-NS-304	Security On-the-Job Training, Task Performance Evaluation and Training Exemption	008
		EN-NS-307	Security Supervisor Training and Development Program	0