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**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION IV  
1600 E. LAMAR BLVD  
ARLINGTON, TX 76011-4511

October 13, 2016

Mr. William F. Maguire  
Site Vice President  
Entergy Operations, Inc.  
River Bend Station  
5485 US Highway 61N  
St. Francisville, LA 70775

SUBJECT: RIVER BEND STATION – NRC MATERIAL CONTROL AND ACCOUNTING  
PROGRAM INSPECTION REPORT 05000458/2016406

Dear Mr. Maguire:

On September 23, 2016, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at your River Bend Station. The inspection covered a key attribute of the Security Cornerstone of the NRC's Reactor Oversight Process, Material Control and Accounting of Special Nuclear Material. The enclosed inspection report documents the inspection results, which were discussed on September 23, 2016, with members of your staff.

The inspection examined activities conducted under your license as they relate to security and compliance with the Commission's rules and regulations and with the conditions of your license. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel.

Based on the results of this inspection, no findings were identified.

In accordance with 10 CFR 2.390 of the NRC's "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 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). However, because of the security-related concerns contained in the enclosure, and in accordance with 10 CFR 2.390, a copy of this letter's enclosure will not be available for public inspection.

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W. Maguire

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In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response, if any. This practice will ensure that your response will not be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system, ADAMS. If Safeguards Information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21. Otherwise, mark your entire response "Security-Related Information-Withhold Under 10 CFR 2.390" and follow the instructions for withholding in 10 CFR 2.390(b)(1).

Sincerely,

/RA/

Heather J. Gepford, PhD, CHP, Branch Chief  
Plant Support Branch 2  
Division of Reactor Safety

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

Nonpublic Enclosure:  
Inspection Report 05000458/2016406  
w/Attachments:  
1. Supplemental Information  
2. Information Request

cc w/o enclosure: Electronic Distribution

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W. Maguire

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Sincerely,

**/RA/**

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**ADAMS ACCESSION NUMBER: ML16288A854**

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Letter to William F. Maguire from Heather J. Gepford, dated October 13, 2016

SUBJECT: RIVER BEND STATION – NRC MATERIAL CONTROL AND ACCOUNTING  
PROGRAM INSPECTION REPORT 05000458/2016406

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