UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
612 EAST LAMAR BLVD, SUITE 400
ARLINGTON, TEXAS 76011-4125

November 12, 2010

Mr. Michael Perito
Vice President, Operations
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 05000458/2010404

Dear Mr. Perito:

On October 8, 2010, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection of a security baseline inspection at your 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 October 8, 2010, with you and other 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," 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.

"Enclosure transmitted herewith contains SUNSI. When separated from enclosure, this transmittal document is decontrolled."

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/ ***Larry T. Ricketson for***
Gregory E. Werner, Chief
Plant Support Branch 2
Division of Reactor Safety

Docket Nos.: 50-458
License Nos.: NPF-47

Nonpublic Enclosure:
NRC Inspection Report 05000458/2010404
w/Attachment:
Supplemental Information

cc w/o enclosure:
Senior Vice President and COO
Entergy Operations, Inc
P. O. Box 31995
Jackson, MS 39286-1995

Vice President, Oversight
Entergy Operations, Inc.
P. O. Box 31995
Jackson, MS 39286-1995

Senior Manager, Nuclear Safety & Licensing
Entergy Nuclear Operations
P. O. Box 31995
Jackson, MS 39286-1995

Manager, Licensing
Entergy Operations, Inc.
5485 US Highway 61N
St. Francisville, LA 70775

Associate General Counsel - Nuclear
Entergy Services, Inc.
639 Loyola Avenue
New Orleans, LA 70113

Distribution w/enclosure:
Ronald Albert (Ronald.Albert@nrc.gov), Chief, Reactor Security Oversight Branch
Shyrl Coker, (Shyrl.Coker@nrc.gov) NSIR/DSO/DDSO, TWFN Mail Stop: T-3A5M
Clay Johnson, (Clay.Johnson@nrc.gov), NSIR/DSO/DDSO/SPEB, TWFN 3D43
Terrence Barry (Terrence.Barry@nrc.gov) NSIR/DSO/DDSO/RSOB/RAT, TWFN/3D49
Senior Resident Inspector (Grant.Larkin@nrc.gov)

Electronic distribution by RIV:
Regional Administrator (Elmo.Collins@nrc.gov)
Deputy Regional Administrator (Chuck.Casto@nrc.gov)
DRS Director (Roy.Caniano@nrc.gov)
DRS Deputy Director (Troy.Pruett@nrc.gov)
DRP Director (Kriss.Kennedy@nrc.gov)
DRP Deputy Director (Anton.Vegel@nrc.gov)
DRS Director (Roy.Caniano@nrc.gov)
DRS Deputy Director (Troy.Pruett@nrc.gov)
Branch Chief, DRP/C (Vincent.Gaddy@nrc.gov)
RBS Administrative Assistant (Lisa.Day@nrc.gov)
Senior Project Engineer, DRP/C (Bob.Hagar@nrc.gov)
Project Engineer, DRP/C (Rayomand.Kumana@nrc.gov)
Public Affairs Officer (Victor.Dricks@nrc.gov)
Public Affairs Officer (Lara.Uselding@nrc.gov)
Project Manager (Alan.Wang@nrc.gov)
Branch Chief, DRS/TSB (Michael.Hay@nrc.gov)
RITS Coordinator (Marisa.Herrera@nrc.gov)
Regional Counsel (Karla.Fuller@nrc.gov)
Congressional Affairs Officer (Jenny.Weil@nrc.gov)
OEMail Resource
OEDO RIV Coordinator (Geoffrey.Miller@nrc.gov)

Security-Related Complete Report - OUO:
SUNSI Review Completed: LC2 ADAMS: ☒ Yes Initials: LC2
☒ Non-Publicly Available ☒ Sensitive-Security- Related-Periodic Review Required

Letter Only:
SUNSI Review Completed: LC2 ADAMS: ☒ Yes Initials: LC2
☒ Publicly Available ☒ Non-Sensitive

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