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

March 26, 2010

Michael Perito
Vice President, Operations
Entergy Operations, Inc.
River Bend Station
5485 US Highway 61N
St. Francisville, LA 70775

SUBJECT: RIVER BEND STATION – NRC PHYSICAL SECURITY ANNUAL INSPECTION REPORT 05000458/2009401

Dear Mr. Perito:

On December 31, 2009, the Nuclear Regulatory Commission (NRC) staff completed its annual inspection of the Physical Security Program at the River Bend Station. This inspection began on January 1, 2009. Issuance of this letter closes NRC Inspection Report 05000458/2009401. Observations and findings in these areas were provided in the quarterly integrated reports for your site.

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 (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).

Sincerely,

/RA/

Michael P. Shannon, Chief
Plant Support Branch 1
Division of Reactor Safety

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cc:
Senior Vice President
Entergy Nuclear Operations
P. O. Box 31995
Jackson, MS 39286-1995

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

Thomas Palmisano
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

Bryan S. Ford
Senior Manager, Nuclear Safety
and Licensing
Entergy Operations, Inc.
1340 Echelon Parkway
Jackson, MS 39213

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

Joseph A. Aluise
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
Senior Resident Inspector (Grant.Larkin@nrc.gov)

Electronic distribution by RIV:
bcc w/o enclosure:
Regional Administrator (Elmo.Collins@nrc.gov)
Deputy Regional Administrator (Chuck.Casto@nrc.gov)
DRP Director (Dwight.Chamberlain@nrc.gov)
DRP Deputy Director (Anton.Vegel@nrc.gov)
DRS Director (Roy.Caniano@nrc.gov)
DRS Deputy Director (Troy.Pruett@nrc.gov)
Resident Inspector (Charles.Norton@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)
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 (Leigh.Trocine@nrc.gov)

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