



Entergy Operations, Inc.  
River Bend Station  
5485 U.S. Highway 61N  
St. Francisville, LA 70775  
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David N. Lorfing  
Manager-Licensing

RBG-47064

August 19, 2010

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555-0001

Subject: Notification of Spent Fuel Cask Use  
River Bend Station – Unit 1  
Docket No. 50-458  
License No. NPF-47

RBF1-10-0137

File Code: G30.25

Dear Sir or Madam:

Pursuant to 10CFR72.212(b)(1)(ii), Entergy Operations, Inc. hereby provides notification of the use of a spent fuel storage cask on August 12, 2010, at River Bend Station (RBS).

Licensee Name: Entergy Operations, Inc.  
Licensee Address: River Bend Station  
5485 U. S. Highway 61  
St. Francisville, LA 70775  
Reactor License No.: NPF-47  
Reactor Docket No.: 50-458  
Cask Certificate No.: 1014 (Amendment No. 5)  
Cask Model No.: Hi-Storm 100S  
Cask Identification: Cask Serial No. 442 (RBS ID No. DFS-HS12)

This document contains no commitments. If you have any questions concerning this notification, please contact me at 225-381-4157.

Sincerely,

A handwritten signature in black ink, appearing to read "DN Lorfing".  
David N. Lorfing  
Manager – Licensing

NM5502

Notification of Spent Fuel Cask Use  
River Bend Station – Unit 1  
RBG-47064  
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cc:- Director – Spent Fuel Project Office  
Office of Nuclear Material Safety and Safeguards  
U. S. Nuclear Regulatory Commission  
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U. S. Nuclear Regulatory Commission  
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NRC Resident Inspector  
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