



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-47074

September 14, 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

RBF1-10-0142

File Code: G30.25, G9.5

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 26, 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. 443 (RBS ID No. DFS-HS13)

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 cursive script, appearing to read "David N. Lorfing".

David N. Lorfing
Manager – Licensing

NMSS01
NMSS

Notification of Spent Fuel Cask Use
River Bend Station – Unit 1
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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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11555 Rockville Pike
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612 E. Lamar Blvd., Suite 400
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NRC Resident Inspector
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Mr. Blair Spitzberg
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