



**Luminant**

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CP-201200522  
TXX-12086

REF: 10CFR72.212(b)(2)

May 24, 2012

ATTN: Document Control Desk  
Director, Division of Spent Fuel Storage and Transportation  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

**SUBJECT:** COMANCHE PEAK NUCLEAR POWER PLANT (CPNPP) AND  
INDEPENDENT SPENT FUEL STORAGE INSTALLATION (ISFSI)  
DOCKET NOS. 50-445, 50-446 AND 72-74  
REGISTRATION OF DRY SPENT FUEL STORAGE CANISTER

Dear Sir or Madam:

In accordance with 10CFR72.212(b)(2), Luminant Generation Company LLC (Luminant Power) is registering the use of a dry spent fuel storage cask to store spent fuel under a 10 CFR Part 72 general license at the Comanche Peak Nuclear Power Plant (CPNPP) Independent Spent Fuel Storage Installation (ISFSI). The below information is provided for the subject HI-STORM 100 system used to store spent fuel beginning on May 14, 2012.

**Licensee's Name:**  
Luminant Generation Company LLC

**Licensee's Address:**  
Comanche Peak Nuclear Power Plant (CPNPP)  
P O Box 1002  
6322 North FM 56  
Glen Rose, TX 76043

A member of the STARS (Strategic Teaming and Resource Sharing) Alliance

Callaway · Comanche Peak · Diablo Canyon · Palo Verde · San Onofre · South Texas Project · Wolf Creek

NH5026

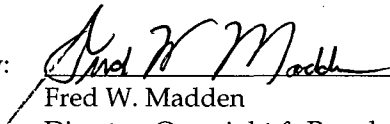
**Reactor License No:** NPF-87 and NPF- 89  
**Reactor Docket Numbers:** 50-445 and 50-446  
**ISFSI Docket Numbers:** 72-74  
**Contact Name and Title:** Jimmy Seawright, Consulting Engineer - Regulatory Affairs  
**Cask Certificate No.:** 72- 1014, Amendment No. 7  
**Cask Model No.:** HI STORM 100s, Version B  
**Cask Identification Nos.:** Multi-Purpose Canister Type 32, Serial No. 0195  
HI-STORM 100S Serial No. 0556

No commitments are being made to the NRC by this letter. Should you need further information regarding this submittal, please contact Mr. J. D. Seawright at (254) 897-0140.

Sincerely,

Luminant Generation Company LLC

Rafael Flores

By:   
Fred W. Madden  
Director, Oversight & Regulatory Affairs

c - E. E. Collins, Region IV  
B. K. Singal, NRR  
F. S. Gee NRC SFST (Frank.Gee@nrc.gov)  
Resident Inspectors, Comanche Peak

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