



**Luminant**

**Rafael Flores**  
Senior Vice President  
& Chief Nuclear Officer  
rafael.flores@Luminant.com

**Luminant Power**  
P O Box 1002  
6322 North FM 56  
Glen Rose, TX 76043

**T** 254 897 5590  
**C** 817 559 0403  
**F** 254 897 6652

CP-201500419  
TX-15062

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

May 27, 2015

ATTN: Document Control Desk  
Director, Division of Spent Fuel Management  
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 18, 2015.

**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

NM5526

**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. 0290  
HI-STORM 100S Serial No. 0756

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 Madden  
Director, External Affairs

c - Marc L. Dapas, Region IV  
Balwant K. Singal, NRR  
F. S. Gee NRC SFST (Frank.Gee@nrc.gov)  
Resident Inspectors, Comanche Peak

Mr. Robert Free  
Environmental Monitoring & Emergency Response Manager  
Texas Department of State Health Services  
Mail Code 1986  
P. O. Box 149347  
Austin TX 78714-9347