



Luminant

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Ref: 10 CFR 50.54(p)

May 26, 2010

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

SUBJECT: COMANCHE PEAK NUCLEAR POWER PLANT (CPNPP) DOCKET NOS. 50-445 AND 50-446, REPORT OF CHANGES TO THE PHYSICAL SECURITY PLAN (REVISION 5)

REFERENCE: Nuclear Energy Institute (NEI) 03-12, Revision 6, "Template for the Security Plan, Training Plan, Safeguards Contingency Plan, [and Independent Spent Fuel Storage Installation Security Program]"

Dear Sir or Madam:

The enclosures to this letter contain information regarding revision 5 of the Comanche Peak Nuclear Power Plant (CPNPP) Physical Security Plan (PSP), dated March 30, 2010. The revision is in accordance with NEI 03-12, Revision 6, dated April 2009. The changes do not decrease the safeguards effectiveness of the PSP and are hereby submitted by Luminant Generation Company LLC (Luminant Power) as specified in 10 CFR 50.4(b)(4), and pursuant to 10 CFR 50.54(p)(2).

Enclosure 1 provides a description of the changes to the PSP including the Security Plan, Training and Qualification Plan, and the Safeguards Contingency Plan. Enclosure 2 provides a Deviation Table which includes a description of changes to the un-bracketed text of NEI 03-12, Revision 6. Luminant Power requests that the enclosures, which contain security information, be withheld from public disclosure in accordance with 10 CFR 2.390.

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This communication contains no new licensing basis commitments regarding Comanche Peak Units 1 and 2.

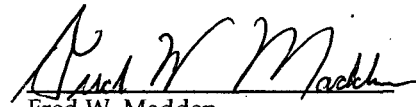
Should you have any questions, please contact Mr. Jim Barnette at (254) 897-5866.

Sincerely,

Luminant Generation Company, LLC

Rafael Flores

By:



Fred W. Madden

Director, Oversight and Regulatory Affairs

JEB

Enclosures 1. Description of Changes to CPNPP Physical Security Plan Revision 5
 2. Deviation Table (Description of Changes to Un-Bracketed Text of
 NEI 03-12, Revision 6)

c - E. E. Collins, Region IV
 B. K. Singal, NRR
 Resident Inspectors, CPNPP