



**Luminant**

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Ref. # 10CFR50.54(f)

CP-201600807  
TX-16096

August 31, 2016

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

**SUBJECT:** COMANCHE PEAK NUCLEAR POWER PLANT  
DOCKET NOS. 50-445 AND 50-446  
RESPONSE TO GENERIC LETTER 2016-01

**REF:** 1 Generic Letter 2016-01, "MONITORING OF NEUTRON ABSORBING MATERIALS IN SPENT FUEL POOLS"  
2 Letter from the NRC to Rafael Flores of Luminant Power dated July 1, 2014 regarding License Amendment 162, "Comanche Peak Nuclear Power Plant, Units 1 and 2 - Issuance of Amendments Re: Revision to Technical Specifications 3.7.16, "FUEL STORAGE POOL BORON CONCENTRATION," 3.7.17, "SPENT FUEL ASSEMBLY STORAGE," 4.3, "FUEL STORAGE," AND 5.5, "PROGRAMS AND MANUALS" (ML14160A035)

Dear Sir or Madam:

Luminant Generation Company LLC (Luminant Power) hereby submits response to GL 2016-01 (Reference 1).

Luminant Power has two regions (Region I and Region II) of spent fuel storage racks in the spent fuel pools at Comanche Peak Nuclear Power Plant (CPNPP) Units 1 and 2. The Region II spent fuel storage racks do not have neutron absorbing materials credited to meet NRC requirements in 10 CFR 50.68, "Criticality Accident Requirements." The Region I spent fuel storage racks are discussed below.

For the Region I spent fuel storage racks, the neutron-absorbing material monitoring program at CPNPP Units 1 and 2 has been incorporated into the licensing basis through an NRC-approved TS change. Therefore, CPNPP Units 1 and 2 satisfies the GL-2016-01 requirements to submit a "Category 3" response, containing the following information:

- The monitoring program was incorporated into Technical Specification 5.5.22 per Amendment 162, which was approved in July 2014 (Reference 2).

ADD  
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- No changes have been made to the neutron-absorbing material monitoring program since that time.

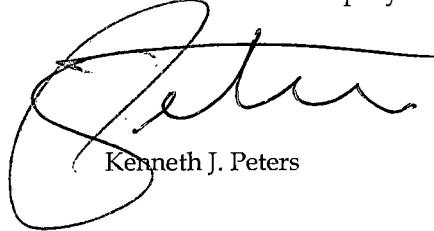
This communication contains no new licensing basis commitments.

Please contact Mr. J. Hicks at (254) 897-6725 (email: jack.hicks@luminant.com) should you have any questions.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 31<sup>st</sup> day of August, 2016.

Sincerely,

Luminant Generation Company LLC

A handwritten signature in black ink, appearing to read "K. Peters", is written over the printed name. The signature is fluid and cursive, with a large loop at the beginning and end.

Kenneth J. Peters

c - Kriss M. Kennedy, Region IV  
Margaret M. Watford, NRR  
Resident Inspectors, Comanche Peak