



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
WASHINGTON, D.C. 20555-0001

April 12, 2010

Mr. Rafael Flores
Senior Vice President and
Chief Nuclear Officer
Attention: Regulatory Affairs
Luminant Generation Company LLC
P.O. Box 1002
Glen Rose, TX 76043

SUBJECT: COMANCHE PEAK NUCLEAR POWER PLANT, UNITS 1 AND 2 – REQUEST FOR ADDITIONAL INFORMATION RE: REVISION TO TECHNICAL SPECIFICATION 3.8.1, “AC SOURCES – OPERATING,” FOR A ONE-TIME, 14-DAY COMPLETION TIME FOR OFFSITE CIRCUITS (TAC NOS. ME2546 AND ME2547)

Dear Mr. Flores:

By letter dated October 26, 2009 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML093080341), Luminant Generation Company LLC (the licensee) requested an amendment to the Comanche Peak Nuclear Power Plant, Units 1 and 2, Technical Specification (TS) 3.8.1, “AC [alternating current] Sources – Operating,” for a one-time, 14-day completion time for offsite circuits.

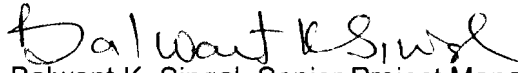
The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the information provided by the licensee and determined that additional information is needed in order to complete the review. A draft copy of the request for additional information was forwarded to Ms. Tamera J. Ervin-Walker of your staff on March 30, 2010, via e-mail. On April 1, 2010, the licensee informed the NRC staff via e-mail that the licensee’s staff understands the request and no further discussions with the NRC are needed. The licensee agreed to provide the final response within 30 days from the date of this letter.

R. Flores

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If you have any questions, please contact me at 301-415-3016 or via e-mail at balwant.singal@nrc.gov.

Sincerely,


Balwant K. Singal, Senior Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-445 and 50-446

Enclosure:
As stated

cc w/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION

REVISION TO TECHNICAL SPECIFICATION 3.8.1

LUMINANT GENERATION COMPANY LLC

COMANCHE PEAK NUCLEAR POWER PLANT, UNITS 1 AND 2

DOCKET NOS. 50-445 AND 50-446

By letter dated October 26, 2009 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML093080341), Luminant Generation Company LLC (the licensee) requested an amendment to the Comanche Peak Nuclear Power Plant, Units 1 and 2, Technical Specification (TS) 3.8.1, "AC [alternating current] Sources – Operating," for a one-time, 14-day completion time for offsite circuits.

The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the information provided by the licensee and determined that the following additional information is needed in order to complete the review. The licensee agreed to provide the following additional information within 30 days from the date of the NRC letter forwarding the request for information:

1. The criteria used for sizing of the Temporary Power Diesel Generators (TPDGs) to provide adequate capacity and capability to supply necessary equipment for safe shutdown and long-term cooling for each unit.
2. The initial testing and availability verification (once per shift) to be completed to ensure the TPDGs are adequate to perform their design function throughout the extended Completion Time.
3. Procedures and administrative controls established to synchronize the TPDGs and connect to the safe shutdown busses.
4. Timeline established to power the safe shutdown busses from the TPDGs in the event of loss of preferred power sources and consequences (if any) on safety limits.
5. Capability of the TPDGs to start the largest motors.
6. Rating of each unit in the TPDG set.
7. Temporary changes to permanent plant equipment (protective relay settings, breaker line up, etc.) to integrate the TPDGs.

Enclosure

R. Flores

- 2 -

If you have any questions, please contact me at 301-415-3016 or via e-mail at balwant.singal@nrc.gov.

Sincerely,

/RA/

Balwant K. Singal, Senior Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-445 and 50-446

Enclosure:
As stated

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*RAI Memo

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