



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
F 254.897.6652
C 817.559.0403

CP-201100869
Log # TXNB-11044

Ref. # 10 CFR 52
10 CFR 2.390

June 28, 2011

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555
ATTN: David B. Matthews, Director
Division of New Reactor Licensing

SUBJECT: COMANCHE PEAK NUCLEAR POWER PLANT, UNITS 3 AND 4
DOCKET NUMBERS 52-034 AND 52-035
COMBINED LICENSE APPLICATION REVISION 2

Dear Sir:

In accordance with 10 CFR 52, Luminant Generation Company LLC, acting for itself and as agent for Comanche Peak Nuclear Power Company LLC, submits herein Revision 2 of the Combined License Application (COLA) for two Mitsubishi US-Advanced Pressurized Water Reactors to be constructed at the existing Comanche Peak Nuclear Power Plant site. The application also requests authorization to receive, possess, and use source, byproduct, and special nuclear material in accordance with the Commission's regulations in 10 CFR 30, 40 and 70. This revision to the application does not contain Restricted Data or other defense information that requires separation from the unclassified information in accordance with 10 CFR 50.33.

This COLA is composed of the following parts:

- Part 1 - Administrative and Financial Information
- Part 2 - Final Safety Analysis Report
- Part 3 - Environmental Report
- Part 4 - Technical Specifications
- Part 5 - Emergency Plan
- Part 6 - Not used for this COLA
- Part 7 - Generic DCD Departures and Exemptions Report
- Part 8 - Security Plan
- Part 9 - Not used for this COLA
- Part 10 - Inspections, Tests, Analyses and Acceptance Criteria (ITAAC) and Proposed License Conditions
- Part 11 - Enclosures (documents other than the US-APWR Design Control Document which are vital to the review of the COLA)

DO NOT
NRO

Part 7 was not used in the past, but has been added in this revision to provide a proposed exemption. Part 8 is not being resubmitted at this time because the complete Physical Security Plan Revision 2 was submitted on December 16, 2010 and has not been changed since then. Part 11 now includes enclosures not submitted in earlier COLA revisions.

The complete revision to the COLA is provided in electronic file format on the enclosed discs. The first disc (DVD 1 - Non-Public Version) includes proprietary, confidential, and sensitive unclassified non-safeguards (SUNSI) information, and Luminant requests that this information be withheld from public disclosure in accordance with 10 CFR 2.390(a)(4) and 10 CFR 2.390 (d)(1). An appropriate affidavit regarding disclosure of proprietary information is included with this letter. This letter is declassified upon separation from DVD 1.

In the second disc (DVD 2 - Public Version), the proprietary, confidential, and SUNSI information has been redacted with annotations to indicate where the information was redacted. All pre-submission checks have been successfully performed on all the files on each disc. Each disc contains a packing slip explaining the contents and a list of the changes made in Revision 2.

The enclosed COLA revision was prepared over many months and in order to assemble the final product and complete the final reviews, the content had to be frozen several weeks before this submittal. The freeze date for Revision 2 was March 31, 2011. COLA changes which were prepared prior to the freeze date and a few changes which were made after the freeze date are included in Revision 2. Subsequent changes will be included in a future Update Tracking Report and COLA revision.

Three regulatory commitments had previously been made to include certain material in this revision. The information addressed in Commitments #8245 and #8268 is included in the revision and those commitments are complete. Commitment #6651 is dependent on NRC approval of Mitsubishi's MUAP-09022 Revision 2, Instrument Setpoint Methodology, and the completion milestone is changed from "COLA Revision 2" to "Prior to Phase 6." This is the only commitment made in this letter.

Should you have any questions regarding the submittal of COLA Revision 2, please contact Don Woodlan (254-897-6887, Donald.Woodlan@luminant.com) or me.

I state under penalty of perjury that the foregoing is true and correct.

Executed on June 28, 2011.

Sincerely,

Luminant Generation Company LLC



Rafael Flores

- Enclosures:
1. Comanche Peak Nuclear Power Plant Units 3 and 4 COL Application Revision 2 Non-Public Version (DVD - 1)
 2. Comanche Peak Nuclear Power Plant Units 3 and 4 COL Application Revision 2 Public Version (DVD - 2)

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)
)
Luminant Generation Company LLC) Docket Numbers
)
Comanche Peak Nuclear Power Plant, Units 3 and 4) 52-034 and 52-035

AFFIDAVIT

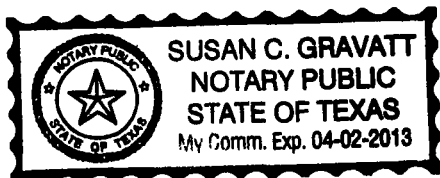
I, Rafael Flores, being duly sworn, hereby depose and state I am the Senior Vice President and Chief Nuclear Officer for Luminant Generation Company LLC (Luminant) and Senior Vice President and Chief Nuclear Officer for Comanche Peak Nuclear Power Company LLC (CPNPC), and do hereby affirm and state:

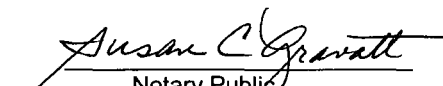
1. I am authorized to execute this affidavit on behalf of Luminant and CPNPC.
2. Luminant and CPNPC are providing information in support of the combined license (COL) application for Comanche Peak Nuclear Power Plant, Units 3 and 4. Part 1 of this application contains pro forma financial information and other information related to the financing and development of Units 3 and 4 and certain non-public information concerning the investment in CPNPC by its members, Luminant, through its wholly owned subsidiary, Nuclear Energy Future Holdings II LLC, and MHI, through its wholly owned subsidiary, MHI Nuclear North America, Inc., all of which is considered confidential and sensitive business information. Its disclosure would place CPNPC and its members at a distinct disadvantage in conducting business as competitors could analyze the data to identify strengths and weaknesses, and then seek to capitalize on those perceived strengths and weaknesses.
3. As such, this information is protectable under 10 CFR 2.390(a)(4) and 9.17(a)(4), because:
 - i. This information is and has been held in confidence by Luminant, CPNPC, and its members.
 - ii. This information is of a type that is customarily held in confidence by Luminant, CPNPC, and its members, and there is a rational basis for doing so because the information contains sensitive financial information concerning projected revenues and operating expenses of CPNPC.
 - iii. This information is being submitted to the NRC voluntarily and in confidence.
 - iv. This information is not available in public sources and could not be gathered readily from other publicly available information.
 - v. Public disclosure of this information would create substantial harm to the competitive position of Luminant and CPNPC by disclosing its internal financial projections and agreements.
4. Accordingly, Luminant and CPNPC request that the designated document be withheld from public disclosure pursuant to the policy reflected in 10 CFR 2.390(a)(4) and 9.17(a)(4).


Rafael Flores

STATE OF TEXAS
COUNTY OF SOMERVELL

Subscribed and sworn to me, a Notary Public, in and for the State of Texas, this 27th day of June 2011.




Notary Public

cc: Stephen Monarque w/enclosures

Electronic distribution w/o enclosures:

Rafael.Flores@luminant.com
mlucas3@luminant.com
jeff.simmons@energyfutureholdings.com
Bill.Moore@luminant.com
Brock.Degeyter@energyfutureholdings.com
rbird1@luminant.com
Allan.Koenig@luminant.com
Timothy.Clouser@luminant.com
Ronald.Carver@luminant.com
David.Volkening@luminant.com
Bruce.Turner@luminant.com
Eric.Evans@luminant.com
Robert.Reible@luminant.com
donald.woodlan@luminant.com
John.Conly@luminant.com
JCaldwell@luminant.com
David.Beshear@txu.com
Ashley.Monts@luminant.com
Fred.Madden@luminant.com
Dennis.Buschbaum@luminant.com
Carolyn.Cosentino@luminant.com
NuBuild Licensing files
sfrantz@morganlewis.com
jrund@morganlewis.com
tmatthews@morganlewis.com
regina.borsh@dom.com
diane.aitken@dom.com
askolhek@bechtel.com
yoshinori_fujiwara@mhi.co.jp
kano_saito@mhi.co.jp
shigemitsu_suzuki@mhi.co.jp
Luminant Records Management (.pdf files only)

shinji_kawanago@mnes-us.com
masanori_onozuka@mnes-us.com
ck_paulson@mnes-us.com
joseph_tapia@mnes-us.com
russell_bywater@mnes-us.com
william_mcconaghy@mnes-us.com
mutsumi_ishida@mnes-us.com
yukako_hill@mnes-us.com
nicholas_kellenberger@mnes-us.com
ryan_sprengel@mnes-us.com
al_freitag@mnes-us.com
masaya_hoshi@mnes-us.com
rjb@nei.org
kak@nei.org
michael.takacs@nrc.gov
cp34update@certrec.com
michael.johnson@nrc.gov
David.Matthews@nrc.gov
Balwant.Singal@nrc.gov
Hossein.Hamzehee@nrc.gov
Stephen.Monarque@nrc.gov
jeff.ciocco@nrc.gov
michael.willingham@nrc.gov
john.kramer@nrc.gov
Brian.Tindell@nrc.gov
Alicia.Williamson@nrc.gov
Elmo.Collins@nrc.gov
Loren.Plisco@nrc.com
Susan.Vrahoretis@nrc.gov
Frank.Akstulewicz@nrc.gov
ComanchePeakCOL.Resource@nrc.gov