

## PMComanchePeakPEm Resource

---

**From:** Monarque, Stephen  
**Sent:** Wednesday, September 02, 2009 2:16 PM  
**To:** ComanchePeakCOL Resource  
**Subject:** FW: Submittal of Documents Discussed During Hydrology Safety Site Visit  
**Attachments:** txnb09037.pdf

---

**From:** nancy.douglas@txu.com [mailto:nancy.douglas@txu.com]

**Sent:** Monday, August 31, 2009 1:57 PM

**To:** rjb@nei.org; david.beshear@txu.com; Biggins, James; rbird1@luminant.com; mike.blevins@luminant.com; Dennis.Buschbaum@luminant.com; russell\_bywater@mnes-us.com; JCaldwell@luminant.com; Ronald.Carver@luminant.com; cp34update@certrec.com; Ciocco, Jeff; Timothy.Clouser@luminant.com; Collins, Elmo; John.Only@luminant.com; Carolyn.Cosentino@luminant.com; brock.degeyter@energyfutureholdings.com; Eric.Evans@luminant.com; Rafael.Flores@luminant.com; sfrantz@morganlewis.com; Goldin, Laura; kazuya\_hayashi@mnes-us.com; James.Hill2@luminant.com; mutsumi\_ishida@mnes-us.com; Johnson, Michael; Kallan, Paul; masahiko\_kaneda@mnes-us.com; kak@nei.org; Allan.Koenig@luminant.com; Kramer, John; mlucas3@luminant.com; Fred.Madden@luminant.com; Matthews, David; tmatthews@morganlewis.com; Monarque, Stephen; Ashley.Monts@luminant.com; Bill.Moore@luminant.com; masanori\_onozuka@mnes-us.com; ck\_paulson@mnes-us.com; Plisco, Loren; Robert.Reible@luminant.com; jeff.simmons@energyfutureholdings.com; Singal, Balwant; nan\_sirirat@mnes-us.com; Takacs, Michael; joseph\_tapia@mnes-us.com; Tindell, Brian; Bruce.Turner@luminant.com; Ward, William; Matthew.Weeks@luminant.com; Brett.Wiggs@energyfutureholdings.com; Willingham, Michael; Donald.Woodlan@luminant.com; diane\_yeager@mnes-us.com

**Subject:** Submittal of Documents Discussed During Hydrology Safety Site Visit

Confidentiality Notice: This email message, including any attachments, contains or may contain confidential information intended only for the addressee. If you are not an intended recipient of this message, be advised that any reading, dissemination, forwarding, printing, copying or other use of this message or its attachments is strictly prohibited. If you have received this message in error, please notify the sender immediately by reply message and delete this email message and any attachments from your system.

**Hearing Identifier:** ComanchePeak\_COL\_Public  
**Email Number:** 571

**Mail Envelope Properties** (3DF2506A7257014AAC5857E5E852DEAC075B30D6F9)

**Subject:** FW: Submittal of Documents Discussed During Hydrology Safety Site Visit  
**Sent Date:** 9/2/2009 2:15:45 PM  
**Received Date:** 9/2/2009 2:15:49 PM  
**From:** Monarque, Stephen

**Created By:** Stephen.Monarque@nrc.gov

**Recipients:**  
"ComanchePeakCOL Resource" <ComanchePeakCOL.Resource@nrc.gov>  
Tracking Status: None

**Post Office:** HQCLSTR02.nrc.gov

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	1993	9/2/2009 2:15:49 PM
txnb09037.pdf	136060	

**Options**  
**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**



**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-200901264  
Log # TXNB-09037

Ref. # 10 CFR 52

August 31, 2009

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  
SUBMITTAL OF DOCUMENTS DISCUSSED DURING HYDROLOGY SAFETY SITE  
VISIT**

Dear Sir:

Luminant Generation Company LLC (Luminant) hereby submits the enclosed support documents to facilitate the safety review of the Combined License Application for Comanche Peak Nuclear Power Plant Units 3 and 4 as discussed with the Staff during the recent Hydrology Safety Site Visit.

Information need HYDSV-01 involved the source and availability of the spatially referenced data used for delineation of watersheds, representation of the basin, digital elevation, stream networks, location of the plant, landcover/landuse, soil type, surficial geology, and aquifers. The GIS files (spatially referenced data) are provided on the attached DVD.

Information need HYDSV-07 involved data, input, and configuration files for the flood routing calculations using HEC-RAS software. Calculation "MITS004 – Probable Maximum Flood Calculation for Comanche Peak Nuclear Power Plant Units 3 and 4 (HEC-HMS & HEC-RAS)", TXUT-001-FSAR-2.4.3-CALC-012, Revision 0 and input/output (I/O) files for the HEC-RAS model were reviewed with the Staff during the Site Visit. CALC-012 has been revised to incorporate changes identified during discussion of information need HYDSV-06. Revision 1 of this calculation has been placed in the electronic reading room, and I/O files for the HEC-HMS and HEC-RAS models are provided on the attached DVD. FSAR Subsections 2.4.2 and 2.4.3 have been revised to be consistent with Revision 1 of CALC-012 and will be provided in FSAR Update Tracking Report Revision 4 in early September.

Finally, information need HYDSV-08 involved data, input, and configuration files for the dam-break flood routing computations using FlowMaster software. Calculation TXUT-001-FSAR-2.4.4-CALC-015, "Brazos River Dam Failures Analysis for Comanche Peak Nuclear Power Plant Units 3 and 4," Revision 0 has been placed in the electronic reading room. The FlowMaster I/O files discussed with the Staff during the Site Visit are provided on the attached DVD.

The electronic files provided on the attached DVD are in their native format as necessary to be useful to the NRC. Therefore, they do not meet the requirements for electronic submission stated in NRC document "Guidance for Electronic Submissions to the NRC, Rev. 5".

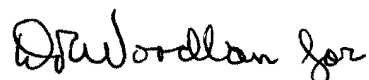
Should you have any questions regarding these documents, please contact Don Woodlan (254-897-6887, Donald.Woodlan@luminant.com) or me.

There are no commitments in this letter.

I state under penalty of perjury that the foregoing is true and correct. Executed on August 31, 2009.

Sincerely,

Luminant Generation Company LLC

A handwritten signature in black ink that reads "Don Woodlan for". The signature is written in a cursive, slightly slanted style.

Rafael Flores

Attachments (one DVD):	HYDSV-01	GIS Files
	HYDSV-07	I/O files for HEC-HMS and HEC-RAS models
	HYDSV-08	I/O files for FlowMaster

cc: Stephen Monarque w/attachments (one DVD)

Email Distribution w/o attachments

mike.blevins@luminant.com  
Brett.Wiggs@luminant.com  
Rafael.Flores@luminant.com  
mlucas3@luminant.com  
jeff.simmons@energyfutureholdings.com  
Bill.Moore@luminant.com  
Brock.Degeyter@energyfutureholdings.com  
rbird1@luminant.com  
Matthew.Weeks@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  
Jean.Amundson@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

masahiko\_kaneda@mnes-us.com  
sherry\_bernhofft@mnes-us.com  
masanori\_onozuka@mnes-us.com  
ck\_paulson@mnes-us.com  
joseph\_tapia@mnes-us.com  
russell\_bywater@mnes-us.com  
diane\_yeager@mnes-us.com  
kazuya\_hayashi@mnes-us.com  
mutsumi\_ishida@mnes-us.com  
nan\_sirirat@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  
carey.bickett@nrc.gov  
Stephen.Monarque@nrc.gov  
jeff.ciocco@nrc.gov  
michael.willingham@nrc.gov  
john.kramer@nrc.gov  
Brian.Tindell@nrc.gov  
Elmo.Collins@nrc.gov  
Loren.Plisco@nrc.com  
sfrantz@morganlewis.com  
tmatthews@morganlewis.com  
Laura.Goldin@nrc.gov  
James.Biggin@nrc.gov