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Comanche Peak Steam
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Mike Blevins
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Ref: 10CFR50.46

CPSES- 200600084
Log # TXX-06007

January 10, 2006

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

**SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)
DOCKET NOS. 50-445 AND 50-446
ANNUAL REPORT OF CHANGES IN
PEAK CLADDING TEMPERATURE**

Gentlemen:

In accordance with the requirements of 10CFR50.46(a)(3)(ii), TXU Generation Company LP (TXU Power) submits the attached peak cladding temperatures (PCT) for CPSES Units 1 and 2. The Large-Break Loss-of-Coolant-Accident and Small-Break Loss-of-Coolant-Accident analysis for Units 1 and 2 were performed by TXU Power with the approved methodologies listed in CPSES Technical Specification 5.6.5. No changes or errors were discovered in the Emergency Core Cooling System (ECCS) evaluation model used to calculate peak cladding temperature (PCT).

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

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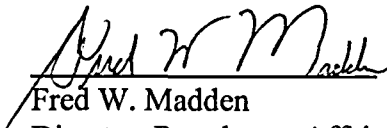
Should you have any questions, please contact Mr. Jimmy Seawright at
(254) 897-0140.

Sincerely,

TXU Generation Company LP

By: TXU Generation Management Company LLC,
Its General Partner

Mike Blevins

By: 
Fred W. Madden
Director, Regulatory Affairs

JDS/js
Attachment

c - B. S. Mallett, Region IV
M. C. Thadani, NRR
Resident Inspectors, CPSES

CPSES Units 1 and 2
Peak Cladding Temperatures

Analysis/Evaluation	CPSES Unit 1 PCT (°F)	CPSES Unit 2 PCT (°F)
Large Break LOCA [Limiting]	2053	2032
Small Break LOCA	1841	1802