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Comanche Peak Steam
Electric Station
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Mike Blevins
Senior Vice President &
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Ref: #10CFR50.46

CPSES-200700099
Log # TXX-07004

January 10, 2007

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

Dear Sir or Madam:

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. It was determined that there were no changes or errors 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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TXX-07004

Page 2 of 2


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, Oversight and Regulatory Affairs

JDS

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	2058
Small Break LOCA	1841	1832