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Ref: 10CFR50.46

CPSES-200300042
Log # TXX-03007
File # 10010

January 8, 2003

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 Energy) 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 Energy 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.

D029.

A member of the **STARS** (Strategic Teaming and Resource Sharing) Alliance

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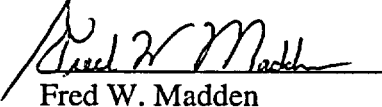
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If you should have any questions, please call Mr. J. D. Seawright at (254) 897-0140
(Email - jseawright@txu.com).

Sincerely,

TXU Generation Company LP
By: TXU Generation Management Company LLC,
Its General Partner

C. L. Terry
Senior Vice President and Principal Nuclear Officer

By: 
Fred W. Madden
Nuclear Licensing Manager

JDS/js

Attachment

c - E. W. Merschoff, Region IV
W. D. Johnson, Region IV
D. H. Jaffe, NRR
Resident Inspectors, CPSES

CPSES Units 1 and 2
Peak Cladding Temperatures

Analysis/Evaluation	CPSES Unit 1 PCT (°F)	CPSES Unit 2 PCT (°F)
Limiting LOCA PCT* (°F) [Large Break]	2017	1970
Small Break LOCA PCT (°F)	1810	1835

* Per TXX-02104 dated June 6, 2002, a temporary penalty of 20 °F was assessed to the calculated PCT values while investigating the potential impact of downcomer boiling on the TXU LBLOCA methodologies. It has since been concluded that a PCT penalty is not warranted.