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Ref: 10CFR50.46

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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 Electric submits the attached changes or errors discovered in the Emergency Core Cooling System (ECCS) evaluation model used to calculate peak cladding temperature (PCT) and the estimated effect of these changes or errors on the limiting ECCS analysis. The analyses for Unit 1 were performed with a Steam Generator Tube Plugging (SGTP) allowance of 10% and those for Unit 2 with an SGTP allowance of 5%.

A revised Large-Break Loss-of-Coolant-Accident (LBLOCA) Methodology, approved in Amendment 80 to the CPSES Technical Specifications, was used to perform the CPSES Unit 1, Cycle 8 and Unit 2, Cycle 6 LBLOCA analyses.

A001

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

Sincerely,

C. L. Terry

By: Roger D. Walker
Roger D. Walker
Regulatory Affairs Manager

JDS/js

Attachment

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

CPSES Units 1 and 2
Peak Clad Temperatures

Analysis/Evaluation	CPSES Unit 1* PCT (°F)	CPSES Unit 2* PCT (°F)
Limiting LOCA PCT (°F) [Large Break]	**1964**	**1912**
Small Break LOCA PCT (°F)	**1834**	**1824**

* There are no ECCS evaluation model assessments or input errors.