



TXU Electric
Comanche Peak
Steam Electric Station
P.O. Box 1002
Glen Rose, TX 76043
Tel: 254 897 8920
Fax: 254 897 6652
lterry1@txu.com

C. Lance Terry
Senior Vice President & Principal Nuclear Officer

Ref: 10CFR50.46

CPSES-200200080
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January 8, 2002

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. As in the previous year, the analyses for Unit 1 were performed with a Steam Generator Tube Plugging allowance of 10% and those for Unit 2 with an allowance of 5%.

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

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DD29

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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
C. E. Johnson, Region IV
D. H. Jaffe, NRR
Resident Inspectors, CPSES

CPSES Units 1 and 2
Peak Clad Temperatures

Analysis/Evaluation	CPSES Unit 1	CPSES Unit 2
	PCT (°F)	PCT (°F)
Limiting LOCA PCT (°F) [Large Break]	1884	1912
Small Break LOCA PCT* (°F)	1859	1835

*An error pertaining to clad rupture at negative pressures was corrected in the Small Break LOCA hot rod response code TOODEE2 (UAPR94). The correction to the TOODEE2 code was conservatively estimated to be 11 °F. Units 1 and 2 were re-analyzed for the Small Break LOCA and the revised PCT obtained with the corrected version of the Small Break LOCA TOODEE2 code is herein reported.