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Log # TXX-00006
File # 10010
Ref. # 10CFR50.46

January 8, 2000

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. It is the current TXU Electric practice to perform a new large break LOCA analysis for each reload cycle thereby establishing a new PCT for each fuel cycle.

The large break and small break LOCA analytical methods were modified to incorporate the power measurement uncertainty based on use of LEFM \checkmark . The Unit 2 LOCA analyses were performed at 3445 MWt with a 1% allowance for power measurement uncertainty. The Unit 1 LOCA analyses were performed at 3411 MWt with a 2% allowance for power measurement.

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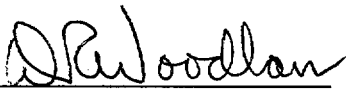
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This communication contains no new licensing basis commitments regarding CPSES Units 1 and 2.

Sincerely,

C. L. Terry

By: 
D. R. Woodlan
Docket Licensing Manager

JDS/js

Attachments

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

CPSES Units 1 and 2
Limiting Peak Clad Temperatures

Analysis/Evaluation	CPSES Unit 1*		CPSES Unit 2*	
	PCT (°F)	Total Peaking Factor (F _Q)	PCT (°F)	Total Peaking Factor (F _Q)
Limiting LOCA PCT (°F) [Large Break]	2058	2.42	2083	2.42
Limiting LOCA PCT (°F) [Small Break]	1834	2.42	1798	2.42

* There are no ECCS model assessments or input errors.