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TU ELECTRIC

William J. Cahill, Jr.  
Executive Vice President

May 24, 1991

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D.C. 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)  
DOCKET NOS. 50-445 AND 50-446  
RELOAD ANALYSIS PROGRAM  
RXE-91-004, SMALL BREAK LOSS OF COOLANT ACCIDENT METHODOLOGY

REF: Letter logged TXX-90342, dated September 17, 1990, from  
W. J. Cahill, Jr. to the NRC.

Gentlemen:

The TU Electric reload analysis program was discussed with the NRC staff in December, 1988, and again in July, 1990. Following the July discussions, the schedule for submittal of the TU Electric topical reports was provided in the referenced letter. Consistent with that schedule, attached for your review and approval is RXE-91-004, Small Break Loss of Coolant Accident Analysis Methodology report.

RXE-91-004 presents methodology which will be utilized in support of reload design, licensing, and operation of CPSES Units 1 and 2. The report contains a description of the EXEM PWR Small Break methodology which includes the computer codes, the details of the nodalization schemes, and the calculational procedures followed during all phases of the small break LOCA. In addition, the compliance of the CPSES analysis with 10CFR50.46 and 10CFR50, Appendix K as well as TMI Action Item 11.K.3.30 requirements of NUREG-0737 is described.


Approval of the enclosed report, along with approvals of those previously submitted and those yet to be submitted, are required to allow TU Electric to license cycle 3 operation (scheduled to begin in September, 1992), without recourse to a nuclear fuel vendor. TU Electric requests that the NRC review and approve the enclosed report by February, 1992.

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Should you have any questions or comments regarding the attached report or the TU Electric Reload Analysis Program, please contact Jimmy D. Seawright, (214) 812-4375 or Mickey R. Killgore, (214) 812-8271.

Sincerely,

William J. Cahill, Jr.

by:   
D. R. Woodlan  
Docket Licensing Manager

JDS/vld  
Attachment

c - Mr. R. D. Martin, Region IV  
Resident Inspectors, CPSES (2)  
Mr. J. W. Clifford, NRR