TU ELECTRIC

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May 31, 1991

William J. Cahill, Jr.
Executive Vice President

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

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)
DOCKET NO. 50-445 AND 50-446
RELOAD ANALYSIS PROGRAM
RXE-91-005, METHODOLOGY FOR REACTOR CORE RESPONSE TO STEAMLINE BREAK EVENTS

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

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-91-005, "Methodology for Reactor Core Response to Steamline Break Events." The analyses presented in this report were referred to in the referenced letter as "Steamline Break Events."

RXE-91-005 presents methodology which will be utilized in support of reload design, licensing, and operation of CPSES Units 1 and 2. The methods for the analyses of Steamline Break Events (FSAR Sections 15.1.4 and 15.1.5) are described.

Approval of the enclosed report, along with approvals of those previously 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.

William J. Cahill, Jr.

By: Roger D. Walker

Roger D. Walker
Manager of Nuclear Licensing

JDS/gj
Enclosures

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