

July 25, 1991

Docket Nos. 50-445  
and 50-446

Mr. William J. Cahill, Jr.  
Executive Vice President, Nuclear  
TU Electric Company  
400 North Olive Street, L.B. 81  
Dallas, Texas 75201

Dear Mr. Cahill:

SUBJECT: TOPICAL REPORT RXE-89-003-P, "STEADY STATE REACTOR PHYSICS  
METHODOLOGY" (TAC NO. 77938)

By letter dated July 31, 198 Texas Utilities Electric Company (TU Electric) submitted Topical Report RXE-89-003-P, "Steady State Reactor Physics Methodology". TU Electric developed this methodology to perform the steady state reactor physics analyses required for design, licensing, startup, and operation of the Comanche Peak Steam Electric Station (CPSES) Unit 1. TU Electric plans to use this methodology beginning with Cycle 2 for Unit 1, which is scheduled to begin in October 1991.

The enclosed staff safety evaluation concludes that the TU Electric physics methods are acceptable for CPSES Unit 1 licensing analyses for cores loaded with fuel similar to the fuel types included in the RXE-89-003-P data base.

Sincerely,

Original Signed By

Thomas A. Bergman, Acting Project Manager  
Project Directorate IV-2  
Division of Reactor Projects III/IV/V  
Office of Nuclear Reactor Regulation

Enclosure:  
Safety Evaluation

cc w/enclosure:  
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Mr. William J. Cahill, Jr.

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cc w/enclosure:

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