

TEXAS UTILITIES GENERATING COMPANY

SKYWAY TOWER - 400 NORTH OLIVE STREET, L.B. 81 - DALLAS, TEXAS 75201

December 8, 1986

WILLIAM G. COUNSIL  
EXECUTIVE VICE PRESIDENT

Director of Nuclear Reactor Regulation  
Attn: Mr. Vince S. Noonan, Director  
Comanche Peak Project  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)  
DOCKET NOS. 50-445 and 50-446  
CONTROL ROOM PRESSURIZATION

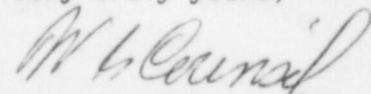
Dear Mr. Noonan:

By letter dated September 30, 1985, the NRC staff expressed a concern with regard to an FSAR revision (Amendment 55) which provided information relative to protection of control room operators from a postulated chlorine release accident. Specifically, the Staff maintained that 800 cfm control room pressurization flow rate at 1/8 inch water gauge differential pressure was inconsistent with guidance provided by Regulatory Guide (R.G.) 1.95.

In subsequent discussions, the Staff referenced NUREG CR-3786 as an acceptable interpretation of the assumptions and methodology used in R.G. 1.95. Using the NUREG as a basis, a plant specific analysis was performed. A summary of the calculations used for this analysis is provided in attachment 1. The analysis demonstrates that with a control room pressurization flow rate of 800 cfm at 1/8 inch water gauge differential pressure, the control room maximum allowable chlorine concentration will not be exceeded in the event of a postulated chlorine accident.

Attachment 2 is an advance copy of revisions to the FSAR that reference the plant specific analysis.

Very truly yours,



W. G. Council

BSD/amb  
Attachments

c - NRC (0 + 40 copies)  
C. Trammell

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PDR ADDCK 05000445  
A PDR

A DIVISION OF TEXAS UTILITIES ELECTRIC COMPANY

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TXX-6116  
December 8, 1986  
Attachment 1