



Log # TXX-88673  
File # 10110  
907.6  
Ref. # 10CFR50.55(e)

September 12, 1988

William G. Council  
Executive Vice President

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  
COMS ACTUATION DURING ACCIDENT EVENTS  
SDAR: CP-88-30 (INTERIM REPORT)

Gentlemen:

On July 18, 1988, we notified you by our report logged TXX-88567 of a deficiency involving Cold Overpressure Mitigation System (COMS) actuation during accident events. This is an interim report of a potentially reportable item under the provisions of 10CFR50.55(e). Specifically, an unanalyzed condition results during a Main Steamline Break or during recovery from a Steam Generator Tube Rupture when the reactor coolant temperature in the faulted loop cold leg drops below the COMS auto-arming temperature. If a wide range temperature channel for another loop is assumed to fail low, the COMS could actuate. This postulated scenario (which results in an unintended RCS depressurization) was not considered in the accident analyses.

Our evaluation of this issue is continuing. We will submit our next report by November 2, 1988.

Very truly yours,

A handwritten signature in cursive script that reads "W. G. Council".

W. G. Council

VPC/mlh

c - Mr. R. D. Martin, Region IV  
Resident Inspectors, CPSES (3)

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