



Log # TXX-88435  
File # 10110  
908.3  
Ref # 10CFR50.55(e)

William G. Counsil  
Executive Vice President

May 9, 1988

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  
CABLE AND RACEWAY DATA SYSTEMS (CARDS) CALCULATION  
SDAR: CP-87-79 (FINAL REPORT)

Gentlemen:

On January 11, 1988, we notified you by our letter logged TXX-88062 of a deficiency involving cable field installations which may be inconsistent with the manner in which the Cable and Raceway Data System (CARDS) calculates percent fill and cable weight loading for cable trays, which we deemed reportable under the provisions of 10CFR50.55(e). Our last report was logged TXX-88433, dated February 29, 1988. This is a final report which provides revised corrective actions and the corrective action schedule.

We have completed our investigation of this issue, and have determined that this condition was caused when 2323-E1-1700, Rev. 337, Report 2, general note 17c and QI-QP-11.3-26, Rev. 30, Section 3.1.2h had respectively allowed Construction and Quality Control (QC) to install and inspect a cable entering and exiting a cable tray segment within the range of the cable tray nodes listed in the Cable Pull Card routing. The range of a cable tray node includes the cable tray segments on either side of the cable tray node specified on the Cable Pull Card. This allowed range (or tolerance) brought about the inaccuracy of the cable tray percent fill and cable weight loading values calculated by CARDS.

We are continuing the impact study on tray loading described in TXX-88062. The program used to calculate maximum weight in individual tray sections has been incorporated into CARDS and is currently being used to validate plant cable tray support calculations and will be the basis for future hanger loading calculations. No further modifications to the CARDS program are required to close this deficiency.

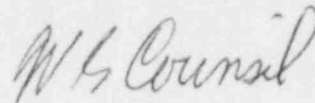
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Correction of any overloaded tray conditions identified from these efforts will be completed prior to fuel load.

Very truly yours,

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

W. G. Council

WJH/grr

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