



Log # TXX-88005
File # 10110
909.5
Ref. # 10CFR50.55(e)

William G. Counsil
Executive Vice President

January 6, 1988

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

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION
DOCKET 50-445 AND 50-446
FIRE DETECTION SYSTEM POWER SUPPLY
SDAR: CP-87-126 (FINAL REPORT)

Gentlemen:

On December 7, 1987, we verbally notified your Mr. H. S. Phillips of a potential deficiency in the fire detection alarm circuitry in which a loss of emergency power would disable the fire detection functional capability of annunciating in the main control room. This condition was documented on Deficiency Report (DR) No. P87 0190. After further evaluation we have determined that this issue is not reportable pursuant to 10CFR50.55(e).

DR-P87-0190 expresses concerns based on the scenario that if a loss of onsite and offsite power were to occur, and at the same time one of the isolation transformers (TXEC1/TXEC2) malfunctioned, thereby causing power failure to the main Fire Detection panel located within the control room, that there would be no immediate alarm (audible and/or visual) notification to the control room operator.

We have determined that a fail-safe trouble contact, located in the Fire Detection Main Control Panel (FDMCP) (CPX-ECPRCV-06), supplies the control room annunciator panels, located in the control room area, which indicates to the control room personnel that a trouble condition exists at the FDMCP. This contact would close and annunciate on a control room annunciator allowing fire watches to be established. Therefore, we have concluded that no reportable deficiency exists.

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This is our final report on this issue. Supporting information is available at the CPSES site for your inspector's consideration.

Very truly yours,

W. G. Council
W. G. Council

By: *J. S. Marshall*
J. S. Marshall
Supervisor,
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JDS/grr

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