



Log # TXX-88490  
File # 10110  
908.3  
Ref. # 10CFR50.55(e)

June 17, 1988

William G. Counsil  
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  
BATTERY CHARGER OVERHEATING  
SDAR: CP-88-11 (FINAL REPORT)

Gentlemen:

On January 11, 1988, we informed you via our report logged TXX-88070 of a deficiency involving battery charger overheating. Subsequently, we notified you via TXX-88369 dated April 26, 1988 of our reevaluation of the reportability of this issue. Based on our reevaluation, we have concluded the criteria for reportability has not been met. The basis for this reevaluation is described below.

Temperature measurements taken during additional testing conducted on battery chargers BC1ED1-1, BC1ED1-2 and BC1ED2-3 determined that charger temperatures under nameplate load conditions are within manufacturer's tolerances with the exception of a single hot spot in charger BC1ED1-1 adjacent to the TB1 coil. Since the design of these three chargers is identical, the cause of the overheating of the charger is not generic to other chargers. Failure of one charger could not have resulted in a simultaneous common mode failure of redundant chargers. Therefore, the loss of BC1ED1-1 would not result in the loss of 125 V dc power to switchboard 1ED1 and its associated Class 1E equipment. Accordingly, additional forced cooling is not required for these chargers. We are working with the vendor to resolve the problem with the BC1ED1-1 TB1 coil.

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Based on the above, we have concluded that this condition does not represent a reportable deficiency in design or construction as described under 10CFR50.55(e), or a substantial safety hazard as defined under 10CFR21, and is therefore not reportable pursuant to these regulations.

Very truly yours,

W. G. Council

By: Roger D. Walker  
R. D. Walker  
Manager, Nuclear Licensing

WJH/grr

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