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September 1, 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
6.9 kV/480V TRANSFORMER BUS BAR CLEARANCE
SDAR: CP-87-121 (SUPPLEMENTAL REPORT)

Gentlemen:

On January 6, 1988, we notified you by our report logged TXX-88025 of a deficiency involving the 6.9 kV/480V transformer bus bar clearance. Our latest report on this issue was logged TXX-88357, dated March 31, 1988. The purpose of this report is to update the corrective action implementation schedule.

In TXX-88357 we indicated that TU Electric had conservatively elected to modify the transformer design in order to clearly establish the desired design margin. That decision was based on a Westinghouse calculation which determined that a small bus bar clearance design margin exists (0.393 inch versus the 0.375 inch minimum required clearance). Westinghouse utilized the required response spectrum (RRS) for elevation 852'6" in the CPSES Unit 1 Safeguards Building to perform that calculation. Since the RRS for elevation 810' of the same building is considerably lower than that for elevation 852'6", the calculated design margin for the elevation 810' bus bars is substantially larger (0.59 inch versus the required 0.375 inch). Therefore we have decided not to modify the transformer design for the transformers located at the 810' elevation of the Safeguards Building.

The scheduled date for modifying the transformer design for the remaining transformers has been revised. The new Unit 1 estimated completion date is November 30, 1988. The Unit 2 completion date has not changed.

Very truly yours,

W. G. Counsil

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By:

D. R. Woodlan
Manager, Docket Licensing

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

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