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Ref. : 10CFR50.55(e)

February 18, 1987

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  
NON-CONTACT LAP SPLICES IN THE AUXILIARY BUILDING  
SDAR: CP-86-66 (FINAL REPORT)

Gentlemen:

On September 26, 1986, we verbally notified your Mr. I. Barnes of a potential deficiency regarding vertical rebar in the Auxiliary Building that apparently does not satisfy the criteria of an ACI code defined lap splice. Specifically, the issue involves rebar identified during an investigation conducted in accordance with the Comanche Peak Response Team (CPRT) Issue Specific Action Plan (ISAP) II.a for missing reinforcing steel. Our last interim report logged was TXX-6136 dated December 5, 1986.

Previous reports indicated the issue involved two vertical dowels and two lap splice bars which had not been installed with the prescribed design locations. One of the lap splices did not conform to ACI Code requirements for non-contact lap splices. Consistent with our plan of evaluation, engineering calculations and the review of applicable quality documents have been completed.

In our analysis, the inactive reinforcing bars were discounted from the strength calculation. The remaining area of reinforcement bars available was found to be greater than the area required in the original design. The design input obtained from the original design is subject to confirmation in accordance with our ongoing Corrective Action Program. This analysis, documented per calculation number 16345/6-CS(S)-076, Rev. 0, has established the acceptability of the original deviation. The deviation has no adverse affects on the safety of plant operations or structural integrity of the Auxiliary Building. Therefore in the event this issue had remained undetected, no condition adverse to safety would exist.

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Based upon these results, we have concluded this issue is not reportable under the provisions of 10CFR50.55(e). Records supporting this documentation are available for your inspectors review at the CPSES site.

Very truly yours,

*W. G. Council*

W. G. Council

By: *G. S. Keeley*

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JCH/mlh

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