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Ref. # 10CFR50.55(e)

William G. Council  
Executive Vice President

November 18, 1987

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  
SEISMIC ANALYSIS OF SERVICE WATER  
INTAKE STRUCTURE  
SDAR: CP-87-115 (INTERIM REPORT)

Gentlemen:

On October 21, 1987, we verbally notified your Mr. H. S. Phillips of a deficiency involving abnormally high calculated natural frequencies of the soil-structure system. Specifically, the soil-structure mass was underestimated and the soil subgrade stiffness was overestimated in the original analysis. This is a potentially reportable item under the provisions of 10CFR50.55(e).

We are continuing our evaluation and anticipate submitting our next report by February 19, 1988.

Very truly yours,

*W. G. Council*

W. G. Council

By: *J. S. Marshall*  
J. S. Marshall  
Supervisor,  
Generic Licensing

CBC/grr

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

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