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Ref. # 10CFR50.55(e)

January 29, 1988

William G. Council
Executive Vice President

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

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION
DOCKET NOS. 50-445 AND 50-446
AUXILIARY FEEDWATER PUMP TURBINE CONTROL PANEL
SDAR: CP-88-25 (FINAL REPORT)

Gentlemen:

On January 25, 1988, we verbally notified your Mr. R. F. Warrick of a potential deficiency in the design of the Auxiliary Feedwater (AFW) Pump Turbine control panel which could impair the Auxiliary Feedwater System's ability to provide emergency feedwater to the Steam Generators. We have determined that this condition is reportable under the provisions of 10CFR50.55(e). The required information follows.

DESCRIPTION

The Auxiliary Feedwater Pump Turbine control panel contains the following components that are neither seismically nor environmentally qualified.

- TB - Terminal Boards and Wiring
- MI - Starter Throttle Stop Valve
- PB1 - Trip Switch Throttle Stop Valve
- PB4 - Open Switch Throttle Stop Valve
- PB5 - Close Switch Throttle Stop Valve

Failure of any one of these non-qualified components could prevent the turbine from performing it's safety function.

The cause of this deficiency is the failure to identify components on the Auxiliary Feedwater Pump Turbine Control panel that are required to perform safety functions.

This condition is a deficiency in the final design as approved and released for construction such that the design does not conform to the criteria and bases in the FSAR.

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SAFETY IMPLICATIONS

The turbine-driven AFW pump is required to supplement the two motor-driven AFW pumps. Failure of the turbine-driven AFW pump could result in a loss of required flow to the steam generators. Had this condition remained uncorrected, it could have adversely affected the safety of plant operations, and therefore, has been determined to be reportable under the provisions of 10CFR50.55(e).

CORRECTIVE ACTION

The Auxiliary Feedwater Pump Turbine control panel will be fully qualified to meet the requirements for the design basis safety function. Design Basis Documents DBD-ME-028, Rev. 1, "Classification of Structures, Systems and Components," and DBD-ME-026, Rev. 0, "Postulated Environments for Equipment Qualification," will ensure in the future that the design criteria for components which interact with and/or have the potential to degrade safety system functions are met. During the CPSES validation program other equipment of this nature has been evaluated to ensure adequate seismic and environmental qualification.

Records supporting our conclusion and implementation of the prescribed corrective action will be available for your inspector's review after June 30, 1988.

Very truly yours,

W. G. Council

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By: *D. R. Woodlan*

D. R. Woodlan
Supervisor,
Docket Licensing

VIP/grr

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