



Log # TXX-92384  
File # 910

TU ELECTRIC

August 11, 1992

William J. Cahill, Jr.  
Group Vice President

U. S. Nuclear Regulatory Commission  
Attn: Mr. Lawrence A. Yandell  
611 Ryan Plaza Dr., Suite 400  
Arlington, TX 76011

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES) - UNIT 2  
DOCKET NO. 50-446  
BORG WARNER/INTERNATIONAL PRODUCTS (BW/IP) CHECK VALVES

Dear Mr. Yandell:

In early July, a BW/IP check valve failed during Unit 2 preoperational testing. TU Electric has concluded that this failure was not related to the previous failures of BW/IP check valves. An engineering report which describes the condition and its analysis is enclosed for your information.

In summary, the engineering report describes a unique set of conditions which in combination caused the check valve failure. These unique conditions were an Auxiliary Feedwater System (AFW) system configuration which caused an excessive flowrate, check valve modifications (Unit 2 only), and system effects due to a flow restricting orifice. The corrective actions to preclude recurrence include revision of the AFW operation procedures to eliminate the possibility of excessive flow rates, removal of the configuration difference (i.e., the back stop), and acoustic monitoring to determine orifice effects.

If you have questions about the engineering report, please call Roger D. Walker at (214) 812-6866.

Sincerely,

*William J. Cahill, Jr.*

William J. Cahill, Jr.

By: *Roger D. Walker*

Roger D. Walker  
Manager of Regulatory Affairs  
for NEO

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c - Mr. J. L. Milhoan, Region IV  
Resident Inspectors, CPSES (2)  
Mr. T. A. Bergman  
Mr. B. E. Holian