

September 16, 1991

Docket No. 50-445

Mr. William J. Cahill
Executive Vice President, Nuclear
TU Electric Company
400 North Olive Street, L.B. 81
Dallas, Texas 75201

Dear Mr. Cahill:

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES) MODIFICATION OF
COMMITMENT TO REPLACE BORG-WARNER CHECK VALVE SWING ARMS

By letter dated June 21, 1991, TU Electric (the licensee) requested relief from a commitment to replace all sand cast Borg-Warner check valve swing arms installed at CPSES Unit 1, and systems common to Units 1 and 2, with investment cast swing arms. The need to replace the Borg-Warner swing arms was established at the time of Unit 1 licensing due to the inability to determine the acceptability of these arms for long term service.

In the June 21, 1991, letter, TU Electric presented the results of metallurgical and engineering analyses performed on 16 sand cast Borg-Warner check valve swing arms that passed a non-destructive examination (NDE) screening developed to determine the suitability of the swing arms for long term service. The NRC staff has reviewed the reports and concludes that the remaining swing arms that have passed this NDE screening are acceptable for long term service. The staff's evaluation is documented in the enclosed safety evaluation. Thus, the staff grants the licensee's request to replace the swing arms when required by normal maintenance practices rather than at the accelerated rate established in the original commitment.

Sincerely,

Original Signed By

Suzanne C. Black, Director
Project Directorate IV-2
Division of Reactor Projects III/IV/V
Office of Nuclear Reactor Regulation

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Enclosure:
Safety Evaluation

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September 16, 1991

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