



TUELECTRIC

Log # TXX-96046
File # 10035
Ref. # 10CFR50.54(f)
GL 95-07

C. Lance Terry
Group Vice President

February 13, 1996

U. S. Nuclear Regulatory Commission
Attn.: Document Control Desk
Washington, D.C. 20555-0001

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES) UNITS 1 AND 2
DOCKET NUMBERS 50-445 AND 50-446
RESPONSE TO GENERIC LETTER 95-07, "PRESSURE LOCKING AND THERMAL
BINDING OF SAFETY RELATED POWER OPERATED GATE VALVES"

- REF: 1. Generic Letter 95-07, "Pressure Locking and Thermal Binding of Safety
Related Power Operated Gate Valves," dated August 17, 1995
2. TU Electric letter logged TXX-95263 from Mr. C. L. Terry to NRC dated
October 16, 1995
3. TU Electric letter logged TXX-95278 from Mr. C. L. Terry to NRC dated
November 6, 1995

Gentlemen:

On August 17, 1995, the NRC issued Generic Letter 95-07, "Pressure Locking and
Thermal Binding of Safety Related Power Operated Gate Valves" (Reference 1).

Pursuant to Section 182a of the Atomic Energy Act of 1954, as amended, and 10 CFR
50.54(f), TU Electric committed to implement the requested actions in Generic
Letter 95-07. Via Reference 3 TU Electric provided clarification to Reference 2,
as requested by the NRC.

Via this letter TU Electric is submitting under affirmation (Attachment 1) the
information requested in Reference 1.

TU Electric's Engineering report ER-ME-102 (Enclosure 1) provides the results of
our susceptibility evaluation and analysis of safety-related power-operated gate
valves. It includes a list of the susceptible valves and the planned corrective
actions.

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Although certain valves were determined to be susceptible to bonnet pressure locking, the operability of these valves has been justified. The aforementioned operability evaluations utilized the best available analytical methods to predict the additional stem thrust required to overcome pressure locking and operate these valves. This load combined with the required pullout thrust and compared with the available motor thrust capability, both from the GL 89-10 program, demonstrated adequate margin as documented in the enclosed Engineering Report.

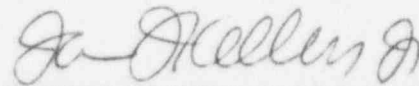
It is our intention to implement the planned corrective actions for both CPSES Units by the end of the sixth refueling outage for CPSES Unit 1 (1RF06), which is scheduled to start during the first quarter of 1998. However, should the ongoing industry test verification efforts demonstrate the analytical methods used at CPSES to be adequate, TU Electric will rely on these methods to justify long-term operability without physical modification of the valves.

If you have any questions, please contact Obaid Bhatti at (817) 897-5839.

Sincerely,

C. L. Terry

By:



J. J. Kelley, Jr.
Vice President of Nuclear
Engineering and Support

OB/ob
Attachment
Enclosure

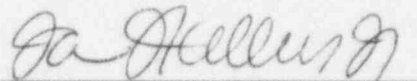
cc: Mr. L. J. Callan, Region IV
Mr. W. D. Johnson, Region IV
Mr. T. J. Polich, NRR
Resident Inspectors, CPSES

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)	
)	
Texas Utilities Electric Company)	Docket Nos. 50-445
)	and 50-446
(Comanche Peak Steam Electric)	
Station, Units 1 & 2))	

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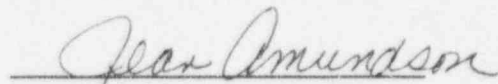
James J. Kelley, Jr. being duly sworn, hereby deposes and says that he is the Vice President of Nuclear Engineering and Support of TU Electric, the licensee herein; that he is duly authorized to sign and file with the Nuclear Regulatory Commission this Response to Generic Letter 95-07, "Pressure Locking and Thermal Binding of Safety Related Power Operated Gate Valves"; that he is familiar with the content thereof; and that the matters set forth therein are true and correct to the best of his knowledge, information and belief.

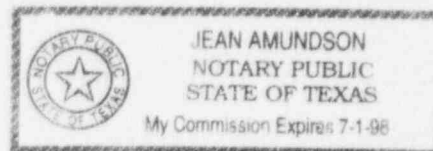


James J. Kelley, Jr.
Vice President of Nuclear
Engineering and Support

STATE OF TEXAS)
)
COUNTY OF)

Subscribed and sworn to before me, on this 13 day of February, 1995.


Notary Public



ENCLOSURE TO TXX-96046

ENGINEERING REPORT

ER-ME-102

“Resolution of NRC Generic Letter 95-07
Pressure Locking and Thermal Binding of
Safety-Related Power-Operated Gate Valves”