

Docket Nos.: 50-445
and 50-446

NOV 6 1984

Mr. M. D. Spence
President
Texas Utilities Generating Company
400 N. Olive Street
Lock Box 81
Dallas, Texas 75201

Dear Mr. Spence:

Subject: Request for Additional Information Pertaining to the Safe Shutdown
and Alternate Safe Shutdown Design of Comanche Peak Steam Electric
Station (Units 1 and 2)

My letter to you dated September 20, 1984 submitted two questions (Q010.24
and Q010.25) pertaining to the safe shutdown and alternative safe shutdown
design of Comanche Peak. In separate letters, each dated October 1, 1984,
TUGCO provided a response to each of the questions asked. The staff has reviewed
TUGCO's responses and finds that they are not sufficiently complete to enable
them to complete their reviews. The additional information required by the
staff is enclosed as further questions/comments to be responded to by TUGCO.
Your responses should be identified as noted for eventual documentation
in a future FSAR amendment.

The enclosed questions have been informally discussed with your staff. This
letter serves to formally request your responses. Please advise John J. Stefano
of my staff when we may expect to receive your response to the enclosed questions
within 5 days after receipt of this letter.

Sincerely,

BJ
B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing

Enclosure:
As stated

cc: See next page

J
DL:LB#1 DL:LB#
JStefano:es BJYoungblood
11/6/84 11/6/84

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Docket File

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

NOV 6 1984

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The enclosed questions have been informally discussed with your staff. This letter serves to formally request your responses. Please advise John J. Stefano of my staff when we may expect to receive your response to the enclosed questions within 5 days after receipt of this letter.

Sincerely,

A handwritten signature in cursive script, appearing to read "B. J. Youngblood".

B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing

Enclosure:
As stated

cc: See next page

COMANCHE PEAK

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AUXILIARY SYSTEMS BRANCH
REQUEST FOR INFORMATION
COMANCHE PEAK NUCLEAR PLANT, UNITS 1 AND 2

The applicant's response (J. Beck to B. Youngblood, dated October 1, 1984) does not contain sufficient information in the following areas of ASB's review responsibility:

- 010.26 The analysis of associated circuits as they relate to safe shutdown systems and high-to-low pressure interfaces is incomplete. The applicant has committed to complete the associated circuit analysis prior to exceeding 5% power. To complete this review we need the following information.
- a. identification of high-to-low pressure interfaces,
 - b. verification that each redundant valve's power and control cabling are properly separated.
- 010.27 The applicant has not verified that protective devices, that are relied upon to prevent fires in associated circuits from affecting safety related equipment, are located outside of the fire zone containing the affected associated circuit.
- 010.28 The applicant has not confirmed that acceptable coordination and selective tripping is provided for safe shutdown circuits on the ac and dc power systems.
- 010.29 The applicant has committed to ensure that electrically induced secondary fires in common enclosures will not occur by reviewing a sufficient number of cables that share a common enclosure with safe shutdown equipment. The purpose of this review is to confirm that the design provides adequate electrical protection. We require the applicant to demonstrate that the

design provides adequate electrical protection by reviewing all cables that share a common enclosure with safe shutdown equipment.

010.30 The applicant has not verified that all plant design changes are incorporated into the fire safe shutdown analysis. The applicant has committed to this verification prior to exceeding 5% power.

010.31 The applicant has not confirmed that their design has the capability to achieve and maintain hot shutdown condition without repairs to the safe shutdown systems.