TEXAS UTILITIES SERVICES INC.
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June 18, 1981

Mr. Spottswood Burwell
U. S. Nuclear Regulatory Commission
Licensing Project Manager
Office of Nuclear Reactor Regulation
Washington, D.C. 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION
DOCKET NOS. 50-445 & 50-446
RESPONSE TO ITEM I.G.1 OF NRC ACTION PLAN

Dear Mr. Burwell:

Attached is the response to Item I.G.1 of the NRC Action Plan. If you have any questions or comments, please call this office.

Sincerely,

J. S. Marshall

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Attachment

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CPSES/FSAR

RESPONSE TO NRC ACTION PLAN

ITEM I.G.1

A training program during the low-power test program will be developed to supplement operator training. This program will demonstrate the length of time required to stabilize natural circulation, reactor coolant flow, and operator ability to establish and maintain natural circulation. Each licensed operator will experience by direct observation the initiation, maintenance and recovery from natural circulation conditions using nuclear heat to simulate decay heat. Furthermore, operators will be trained to recognize when natural circulation has stabilized and to control saturation margin, reactor coolant system pressure, and heat removal rate without exceeding specified operating limits.

Testing to demonstrate the length of time required to stabilize natural circulation, core flow distribution, ability to establish and maintain natural circulation with or without onsite and offsite power, the ability to uniformly borate and cool down to hot shutdown conditions using natural circulation, and subcooling monitor performance have been performed at the Sequoyah 1 and Salem 2 facilities, which are comparable prototype plants, and will not be performed at CPSES.

A description of the natural circulation demonstrations that are to be conducted as part of the training program during the low-power test program will be included in the CPSES FSAR (Chapter 14 - Initial Test Program).