

TEXAS UTILITIES SERVICES INC.

2001 HYMAN TOWER DALLAS, TEXAS 75201-0000

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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
MANUAL VALVE POSITION INDICATION AND
ALARM

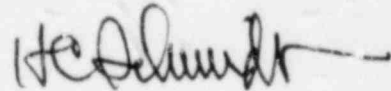
REFERENCE: (1) NUREG-0797 Supplement No. 1

Dear Mr. Burwell:

This letter provides the response necessary to satisfy License Condition (3) of reference (1), CPSES SSER 1. This licensing condition requires position indication and alarm in the control room for manual valves 1SI-47 and 1-8717. The attached CPSES FSAR draft change meets this requirement.

The attached draft FSAR change has been approved and shall appear in the next amendment to the CPSES FSAR.

Sincerely,



H. C. Schmidt


DRW:grr

Attachment

cc: J. C. Kuykendall
J. T. Merritt
A. T. Parker
R. A. Jones
R. D. Calder
R. E. Ballard
J. S. Marshall
H. C. Schmidt

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6.3.5.5 Valve Position Indication

Valve positions which are indicated on the control board are done so by a "normal off" system; i.e., should the valve not be in its proper position, a bright white light will be lit and thus give a highly visible indication to the operator.

The accumulator motor operated valves are provided with red (open) and green (closed) position indicating lights located at the control switch for each valve. These lights are powered by valve control power and actuated by valve motor operator limit switches.

A monitor light that is on when the valve is not fully open is provided in an array of monitor lights that are all off when their respective valves are in proper position enabling safeguards operation. This light is energized from a separate monitor light supply and actuated by a valve motor operated limit switch.

An alarm annunciator point is activated by both a valve motor operator limit switch and by a valve position limit switch activated by stem travel whenever an accumulator valve is not fully open for any reason with the system at pressure (the pressure at which the safety injection block is unblocked is approximately 1900 psig). A separate annunciator point is used for each accumulator valve. This alarm will be recycled at approximately 1 hour intervals to remind the operator of the improper valve lineup.

33 The position of manual valves 1SI-47 and 1-8717 is indicated and alarmed by means of the SSII (Safety System Inoperable Indication - see FSAR Section 7.1.2.6). 1SI-47 is on the line from the RWST to the ECCS pump suction. If 1SI-47 is not open, an SSII module light will flash and a horn will sound. 1-8717 is on the return line from the RHRS pump discharge to the RWST. If 1-8717 is not closed, an SSII module light will flash and a horn will sound.