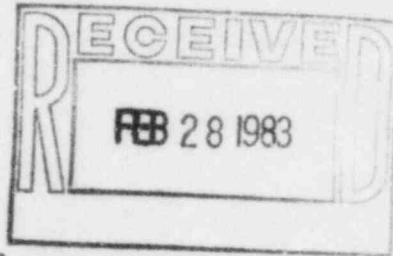


TEXAS UTILITIES GENERATING COMPANY

2001 BRYAN TOWER DALLAS, TEXAS 75201-3050

R. J. GARY
EXECUTIVE VICE PRESIDENT
AND GENERAL MANAGER



February 25, 1983
TXX-3633

Mr. G. L. Madsen, Chief
Reactor Project Branch 1
U. S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76012

Docket Nos.: 50-445
50-446

COMANCHE PEAK STEAM ELECTRIC STATION
EMD VALVE POSITION INDICATION
QA FILE: CP-83-02, SDAR-102
FILE NO.: 10110

Dear Mr. Madsen:

In accordance with 10 CFR 50.55(e), we are submitting the enclosed report of actions taken to correct a design deficiency regarding the position indication of EMD gate valves supplied by Westinghouse. We previously made a verbal report to your Mr. R. G. Taylor on January 25, 1983.

Supporting documentation is available at the CPSES site for your Inspector's review.

We anticipate completion of the corrective action by April 8, 1983.

Very truly yours,

R. J. Gary
IE-27

RJG:aq

Enclosure

cc: NRC Region IV - (0 + 1 copy)

Director, Inspection & Enforcement (15 copies)
U. S. Nuclear Regulatory Commission
Washington, DC 20555

EMD VALVE POSITION INDICATION

DESCRIPTION OF THE DEFICIENCY

The manufacturer (W) has advised certain gate valves indicate "closed" prior to the valve disc fully isolating flow. In these valves, a geared limit switch rotor is set to provide an electrical bypass of the OPEN torque switch at the beginning of the opening stroke. On the closing stroke, the switch changes state before the flow path is completely blocked. As a result, valve closure is indicated before the flow path is completely stopped. If the valve were to stop between this setpoint and the full shut position, a flow path through the valve could exist even though a CLOSE indication had been achieved.

SAFETY ANALYSIS

Should the valve stall or bind following the premature indication, the operator would have an inaccurate indication of true valve position. This condition could possibly result in reduced flow during the hot leg (high and low pressure), alternate cold leg (high pressure), and cold leg (low head) injection.

CORRECTIVE ACTION

Affected valves in safety-related applications will be modified in accordance with the manufacturer's recommendations.

DATE OF IMPLEMENTATION

All corrective actions should be completed by April 8, 1983.