



THE ELECTRIC COMPANY

KANSAS GAS AND ELECTRIC COMPANY

GLENN L. KOESTER
VICE PRESIDENT-OPERATIONS

May 29, 1979

Mr. Karl V. Seyfrit, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011

Ref: (a) STN 50-482
(b) GKoester letter to KSeifrit dated May 18

Subj: 50.55(e) Report Essential Service Water Pump
Anchor Bolts

Dear Mr. Seyfrit:

In my recent letter to you (Ref. (b)) I indicated that Bechtel's review of the anchor bolt design for the essential service water pumps was not yet completed. The review has now been completed and the results are reported as follows.

It is found that the bolts as presently specified are, in fact, of sufficient length to provide a safe design. Bechtel's calculations show that the concrete compressive stresses imposed by the anchor bolt preload are acceptable and that the specific anchorage system can safely withstand the maximum allowable nozzle and seismic forces specified in the pump manufacturer's calculations. The calculations also show that the actual maximum nozzle and seismic forces are less than one-fifth of the allowable values. Therefore, the presently specified anchorage system has a factor of safety of more than five.

In consideration of the above, we are hereby withdrawing this significant deficiency report.

Yours very truly,

Glenn L. Koester

GLK:bb
cc: JGKeppler
JGDavis

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