

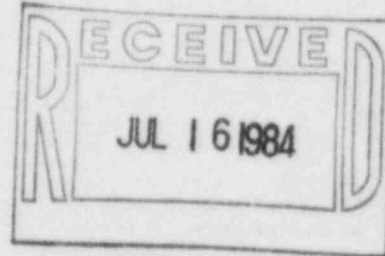


KANSAS GAS AND ELECTRIC COMPANY

GLENN L KOESTER  
VICE PRESIDENT - NUCLEAR

July 13, 1984

Mr. E.H. Johnson, Acting Chief  
Reactor Project Branch 2  
U.S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011



KMLNRC 84-116  
Re: Docket No. STN 50-482  
Subj: Final 10CFR50.55(e) Report - Fisher Valves  
with Bettis Actuators

Dear Mr. Johnson:

This letter provides the final report submitted pursuant to 10CFR50.55(e) concerning Fisher Valves with Bettis Actuators. This matter was initially reported by Mr. Harold Chernoff of Kansas Gas and Electric Company (KG&E) to Mr. Doyle Hunnicut of the Nuclear Regulatory Commission, Region IV, on June 13, 1984.

During a review of information received from another utility, KG&E identified that a discrepancy may exist as to the length of yoke keys in Fisher Valves with Bettis Actuators. An inappropriately-sized yoke key may slip out of place dissociating the valve shaft from the actuator and rendering the valve inoperable. As a result of this information, KG&E examined all Fisher Valves with Bettis Actuators utilized at Wolf Creek Generating Station. One valve (EG-TV-29) was found to have a key of improper length (approximately 1 7/8 inches short). Fisher has determined that a key with an identical cross-section but shorter length (for a different actuator series) was incorrectly used.

The subject valve (EG-TV-29) serves as the component cooling water (CCW) heat exchanger "A" bypass isolation valve. This valve regulates the cooling water supply temperature to equipment serviced by the CCW system. In the event of a safety injection signal, this valve closes, directing all flow through the heat exchangers. Failure of the valve could result in higher-than-normal CCW system temperatures and potential overheating of equipment required for safe operation of the plant.

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Mr. E.H. Johnson  
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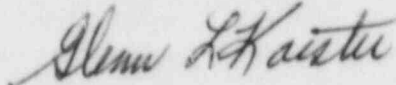
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July 13, 1984

Corrective actions relating to quality assurance and receipt inspections have been implemented by both Fisher and Bettis in order to preclude recurrence of problems involving shipments of incorrect materials. KG&E has initiated steps to procure and install a key of the correct size prior to fuel load.

Please direct any questions concerning this subject to me or to Mr. Otto Maynard of my staff.

Yours very truly,



Glenn L. Koester  
Vice President - Nuclear

GLK:bb

xc: RCDeYoung  
PO'Connor  
HBundy