

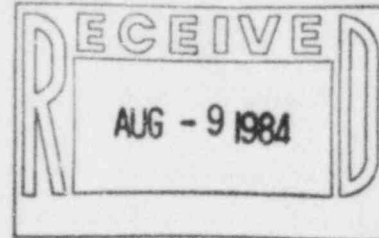


KANSAS GAS AND ELECTRIC COMPANY

GLENN L. KOESTER  
VICE PRESIDENT - NUCLEAR

August 6, 1984

Mr. D.R. Hunter, Chief  
Reactor Projects Branch 2  
U.S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011



KMLNRC 84-133

Re: Docket No. STN 50-482

Ref: Interim Report KMLNRC 84-108 dated 7/5/84 from  
GLKoester, KG&E, to EHJohnson, NRC

Subj: Final Report, Potential 10CFR50.55(e) - Improper  
Fitting on the Main Steam Isolation Valve

Dear Mr. Hunter:

This letter provides the final 10CFR50.55(e) report concerning improper fittings found on the low pressure switch of the nitrogen accumulator for the main steam isolation valves (MSIV) at the Wolf Creek Generating Station. This concern was initially reported by Messrs. Maynard and Creel of Kansas Gas and Electric Company (KG&E) to Mr. William Johnson of the Nuclear Regulatory Commission, Region IV, on October 25, 1983.

While removing teflon tape from certain fittings in the plant, an I&C technician discovered an improper fitting on the low pressure switch of a (MSIV) nitrogen accumulator. The female fitting on the switch, which was supplied as part of the valve by the vendor (Anchor-Darling), was an AMINCO 1/4" O.D. tube connector that had (straight) threads. The male adapter fitting, also supplied by the vendor, was a 1/4" NPT pipe thread which utilized tapered threads. Use of these two unmatched fittings could have resulted in an inadequate pressure seal at the connection. Failure of this connection to hold pressure would result in a loss of pressure in the accumulator which, in turn, would degrade the safety function of the isolation valve.

An inspection of the other MSIV's and the main feedwater isolation valves revealed similar conditions in these valves. To remedy this situation, a transition piece was installed in the low pressure switch assembly of each affected valve. This corrective action has been completed, and the low pressure switch assemblies for the MSIV's and main feedwater isolation valves are now qualified for their intended use. If you have any questions concerning this subject, please contact me or Mr. Otto Maynard of my staff.

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PDR ADOCK 05000482  
S PDR

Yours very truly,

GLK:bb

xc: RCDeYoung, PO'Connor, HBundy

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*Glenn L. Koester*

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