

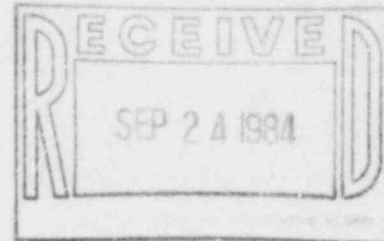


KANSAS GAS AND ELECTRIC COMPANY

GLENN L. KOESTER  
VICE PRESIDENT - NUCLEAR

September 21, 1984

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



KMLNRC 84-163  
Re: Docket No. STN 50-482  
Ref: Interim Report KMLNRC 84-018 dated 2/17/84  
from GLKoester, KG&E, to JEGagliardo, NRC  
Subj: Potential 10CFR50.55(e) Final Report -  
Longitudinal Weld Defects

Dear Mr. Hunter:

This letter provides the final report on a potential 10CFR50.55(e) concerning stainless steel pipe welded without filler material. This matter was initially reported by Mr. Harold Chernoff of Kansas Gas and Electric Company (KG&E) to Mr. Michael Murphy of the Nuclear Regulatory Commission, Region IV, on January 20, 1984.

The potential for weld defects in pipe welded without filler material was first identified in I&E Bulletin 79-03, "Longitudinal Weld Defects in ASME SA-312, Type 304 Stainless Steel Pipe...". As a result of this Bulletin, all SA-312, Type 304 stainless steel pipe at Wolf Creek Generating Station was downgraded for use only in non-safety-related systems. However, a few instances were discovered where this material had been used in safety-related applications.

Bulletins 79-03 and 79-03A indicated that piping of the type described could be utilized in locations where design hoop stress did not exceed 85% of the hoop stress allowed by ASME code. An investigation into this matter revealed that none of the subject piping was installed where design hoop stresses would exceed 85% of the ASME Code allowable stresses. In addition, all Constructor procured SA-312, Type 304 stainless steel pipe was identified and removed from the Heat Code Printout as ASME pipe class material to prevent future inadvertent use.

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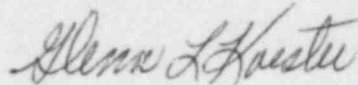
Mr. D.R. Hunter  
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As a result of the aforementioned activities, KG&E deems that no further action is necessary. If you have any questions concerning this matter, please contact me or Mr. Otto Maynard of my staff.

Yours very truly,



Glenn L. Koester  
Vice President - Nuclear

GLK:bb  
xc: RCDeYoung  
PO'Connor  
HBundy