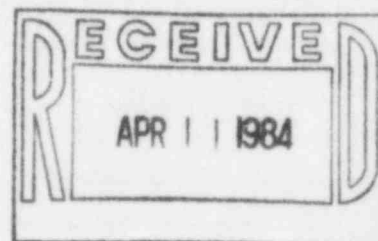




KANSAS GAS AND ELECTRIC COMPANY

GLENN L. KOESTER  
VICE PRESIDENT - NUCLEAR

April 9, 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 84-057

Re: Docket No. STN 50-482

Ref: 1) Letter KMLNRC 84-085 dated 7/8/83 from  
GLKoester, KG&E, to WCSeidle, NRC  
2) Letter KMLNRC 83-123 dated 9/28/83 from  
GLKoester, KG&E, to WCSeidle, NRC  
3) Letter KMLNRC 83-161 dated 12/7/83 from  
GLKoester, KG&E, to JEGagliardo, NRC  
4) Letter KMLNRC 84-010 dated 1/31/84 from  
GLKoester, KG&E, to RPDenise, NRC  
5) Letter KMLNRC 84-025 dated 3/5/84 from  
GLKoester, KG&E, to JEGagliardo, NRC  
6) Letter KMLNRC 84-054 dated 4/4/84 from  
GLKoester, KG&E, to JEGagliardo, NRC

Subj: Final 10CFR50.55(e) Report: Cutler-Hammer  
Push Button Switches

Dear Mr. Johnson:

This letter provides the final 10CFR50.55(e) report concerning installation of Cutler-Hammer push button switches in the main control panels at Wolf Creek Generating Station. This concern was initially reported by Kansas Gas and Electric Company on June 9, 1983, and additional information was subsequently provided in References 1) through 6).

As a result of some plant design changes, additional switches are being added to the main control panels. During installation of Cutler-Hammer Model E30JY9 push button switches, the rear contact block casings on some of the switches cracked. This condition, if left uncorrected, could have caused an open circuit within the cracked switches.

Investigation of this concern revealed that the damage normally occurred when the terminal lug was being attached to the switch contact prior to

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r. E.H. Johnson  
KMLNRC 84-057

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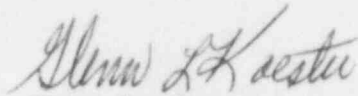
April 9, 1984

installation. An inspection of those switches already installed as a result of the plant design changes confirmed this finding in that none of the installed switches were found to be damaged.

It was further determined that the damage was primarily caused by the main control board vendor's (Comsip) procedure of bending the terminal lugs after attachment to the switch contact block. The vendor has now been directed to discontinue this practice and is currently using pre-bent terminal lugs to minimize the potential for damage. The switch itself is structurally adequate to withstand the design loads once it is installed.

Please contact me or Mr. Otto Maynard of my staff if you have any questions concerning this subject.

Very truly yours,



Glenn L. Koester  
Vice President - Nuclear

GLK:bb  
cc: RCDeYoung  
WSchum