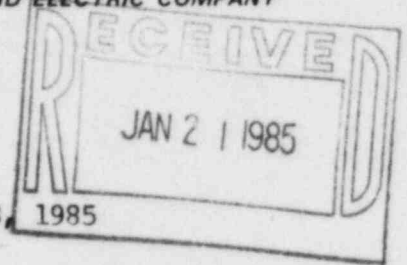




KANSAS GAS AND ELECTRIC COMPANY

GLENN L. KOESTER  
VICE PRESIDENT - NUCLEAR

January 13, 1985



Mr. R.P. Denise, Director  
Wolf Creek Task Force  
U.S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011

KMLNRC 85-024

Re: Docket No. STN 50-482

Ref: Interim Report KMLNRC 84-162, dated 9/20/84  
From GLKoester, KG&E, to DRHunter, NRC

Subj: Final 10CFR50.55(e) Report - Subcooling Core Monitor  
Alarm and Caution Relays (53564-K150)

Dear Mr. Denise:

This letter provides the final report submitted pursuant to 10CFR50.55(e), concerning the subcooling core monitor system installed at Wolf Creek Generating Station (WCGS). This matter was initially reported on August 21, 1984 with supplemental information provided in the Reference.

It was determined that when the 125 volt direct current power supply to the non-IE annunciator system for the subcooling core monitor system is interrupted an arc resulting voltage spike may occur. A voltage spike of this type could damage integrated circuits or interrupt the central processing unit of the subcooling core monitor system. In order to alleviate this concern, interposing relays and diodes have been added to the existing system to minimize the potential for, and suppress the effects of any arcs generated.

The aforementioned corrective actions will be completed prior to fuel load. If you have any questions concerning this matter, please contact me or Mr. Otto Maynard if my staff.

Yours very truly,

*Glenn L. Koester*  
Glenn L. Koester  
Vice President - Nuclear

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