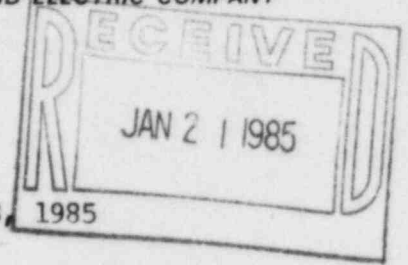




KANSAS GAS AND ELECTRIC COMPANY



January 13, 1985

GLENN L. KOESTER
VICE PRESIDENT - NUCLEAR

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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