

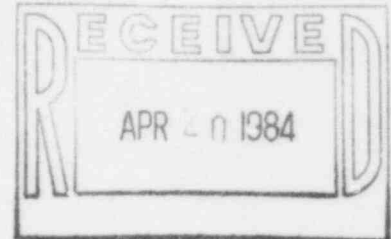


KANSAS GAS AND ELECTRIC COMPANY

GLENN L KOESTER  
VICE PRESIDENT - NUCLEAR

April 18, 1984

Mr. E.H. Johnson, Acting Chief  
Reactor Projects Branch 2  
U.S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011



KMLNRC 84-064

Re: Docket No. STN 50-482

Subj: Final 10CFR50.55(e) Report - Auxiliary  
Feedwater Turbine Control Circuit

Dear Mr. Johnson:

This letter provides the final report submitted pursuant to 10CFR50.55(e) concerning the control circuitry for the Auxiliary Feedwater Turbine. This matter was reported by Mr. Harold Chernoff of Kansas Gas and Electric Company (KG&E) to Mr. William Johnson of the Nuclear Regulatory Commission, Region IV, on March 20, 1984.

The Auxiliary Feedwater Turbine at Wolf Creek Generating Station is manufactured by Terry Turbine. The vendor's control circuitry for the turbine is designed to accept only "momentary" inputs. The existing Wolf Creek circuit design supplies a "maintained" input to the control circuit. This discrepancy in the interface between the Wolf Creek and vendor supplied control circuit could result in failure of the throttle valve to open. It should be noted that this discrepancy was discovered as part of testing activities designed to identify and resolve such concerns; therefore, this condition would not have gone undetected.

A Field Rework Plan (FRP RM-021-B) has been issued which will modify the Wolf Creek circuitry to be compatible with the vendor supplied circuitry. This rework will be completed prior to fuel load.

Please direct any questions concerning this subject to me or to Mr. Otto Maynard of my staff.

Yours very truly,

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PDR ADOCK 05000482  
S PDR

GLK:bb

cc: RCDeYoung

PO'Connor (2)

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