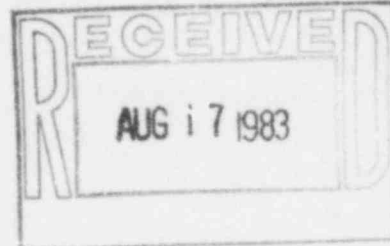




KANSAS GAS AND ELECTRIC COMPANY

GLENN L. KOESTER
VICE PRESIDENT - NUCLEAR

August 12, 1983



Mr. W.C. Seidle, Chief
Reactor Projects Branch 2
U.S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011

KMLNRC 83-105

Re: Docket No. STN 50-482

Ref: Letter KMLNRC 83-059 dated 5/26/83 from GLKoester,
KG&E, to WCSeidle, NRC

Subj: Final 10CFR50.55(e) Report - Loose Parts Found in
the Steam Generators

Dear Mr. Seidle:

This letter provides the final 10CFR50.55(e) report concerning loose parts found in the steam generators at Wolf Creek Generating Station. This matter was initially reported by Mr. Otto Maynard of Kansas Gas and Electric Company (KG&E) to Mr. William Johnson of the Nuclear Regulatory Commission, Region IV, on April 26, 1983. Additional information concerning this matter was provided in the Reference.

The loose parts in question were discovered during scheduled modifications to the secondary side of the steam generators. In addition to loose parts, a few welds in the moisture separation equipment were identified which did not meet the shop fabrication weld acceptance criteria. Since the major concern of a deficient weld in this area would be that a part may become loose, the welding concern was included in the potential 10CFR50.55(e) report. A list of the concerns identified and the resolution of each is provided below:

- 1) A two-inch weld rod stub was found on the lower deck plate of the B steam generator. The weld rod stub was removed.
- 2) A ball-point pen was found on the lower deck plate of the D steam generator. The pen was removed.
- 3) Two 1/2" Hex Cap bolts were found torqued down in the proper location but not tack welded. The tack weld is used to provide additional protection against the bolts backing out and becoming loose parts. The two bolts have subsequently been tack welded.

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KMLNRC 83-105

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August 12, 1983

- 4) Shop welds within the moisture separation equipment of the steam generators were inspected and some were identified which did not meet the shop fabrication weld acceptance criteria. The welds in question were documented on a Field Deficiency Report and weld repairs have been made where necessary.

Upon completion of the weld repairs and scheduled modifications, Westinghouse performed a thorough loose parts inspection. KG&E followed up by performing an independent loose parts inspection using video tape equipment around the tube bundle to record the results. The results of both inspections show the steam generators to be free of loose parts.

In the Reference, KG&E stated that Westinghouse was evaluating the safety implications of each item identified. However, KG&E has elected to correct the deficiencies in lieu of performing a case-by-case safety evaluation for each loose part or deficient weld. Therefore, as described above, the loose parts have been removed and any necessary weld repairs have been made.

If you have any questions concerning this subject, please contact me or Mr. Otto Maynard of my staff.

Yours very truly,



Glenn L. Koester
Vice President - Nuclear

GLK:bb

cc: RCDeYoung

HRoberts/WSchum