

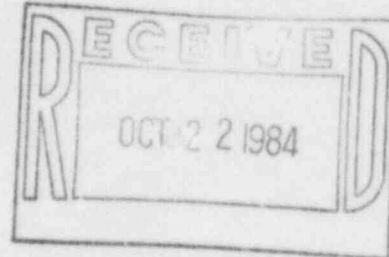


KANSAS GAS AND ELECTRIC COMPANY

GLENN L. KOESTER
VICE PRESIDENT - NUCLEAR

October 17, 1984

Mr. D.R. Hunter, Chief
Reactor Project Branch 2
U.S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011



KMLNRC 84-187

Re: Docket No. STN 50-482

Subj: Interim 10CFR50.55(e) Report - Inspection
of Structural Steel Welds

Dear Mr. Hunter:

This letter provides an interim 10CFR50.55(e) report concerning inspections of structural steel welding at Wolf Creek Generating Station. This matter was initially reported by Mr. Otto Maynard of Kansas Gas and Electric Company (KG&E) to Mr. Lawrence Martin of the Nuclear Regulatory Commission, Region IV, on September 18, 1984.

During a review of safety-related structural steel weld inspection records, it was determined that 22% of the Miscellaneous Structural Steel Weld Records (MSSWR) could not be retrieved. Initially it was believed that the problem was limited to the retrievability of weld records and did not represent a hardware concern. In an attempt to confirm that hardware was not affected, a sample of structural steel welds were reinspected. This inspection verification effort identified some welds that did not meet current acceptance criteria for AWS D1.1 welding. The deficiencies were categorized as follows:

- Undersized welds
- Weld defects
- Incorrect configuration
- Weld underrun
- Weld undercut

A small number of safety-related structural steel welds were missing or had missing material. However, only one missing weld was identified for which an inspection record existed. This weld had been inadvertently included on an inspection record that included several other welds.

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Mr. D.R. Hunter
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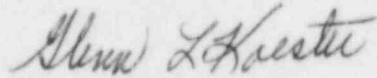
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October 17, 1984

Due to the above findings, KG&E is initiating an extensive corrective action program to address the above findings and to take the actions necessary to assure the adequacy of the structural steel welding at Wolf Creek. This plan includes a significant reinspection effort to identify (and rework if necessary) nonconforming structural steel welds. Details of the corrective action program will be provided to the on-Site NRC Task Force.

A final report on this issue will be submitted upon completion of reinspection effort and the full scope of the concern is known. Until that time, the status will be carried on KG&E's monthly report as TE 53564-K152. In the interim, please direct any questions concerning this subject to me or to Mr. Otto Maynard of my staff.

Yours very truly,



Glenn L. Koester
Vice President - Nuclear

GLK:bb
xc: RCDeYoung
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