



THE ELECTRIC COMPANY

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KANSAS GAS AND ELECTRIC COMPANY

GLENN L. KOESTER  
VICE PRESIDENT-OPERATIONS

December 14, 1979

Mr. W.C. Seidle, Chief  
Reactor Construction and  
Engineering Support Branch  
U.S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76012

Re: Docket No. STN 50-482  
Subj: 3½" Diameter Bolts and Nuts for NSSS Supports

Dear Mr. Seidle:

On November 5 we reported to Mr. Oberg an incident involving difficulty in assembling a 3½" diameter nut onto a bolt that is part of an NSSS support which is embedded in the primary shield wall. A Daniel employee ground the threads from the nut so it would go onto the bolt. This unauthorized alteration of the nut was reported to Daniel Management by another Daniel employee. Daniel notified KG&E and initiated an investigation. Subsequent to the investigation, the responsible employee was discharged. The altered nut was scrapped and replaced with a new nut.

To confirm that other bolts and nuts in the embed assembly had not been altered, they were disassembled (unscrewed) and inspected. No additional alterations were found, however, one nut galled to its bolt and could not be fully removed. This bolt with nut was cut out, scrapped and replaced with new material. This event was reported to Mr. Oberg on November 9.

Our A/E, after checking certain data with the NSSS Supplier, has confirmed that due to conservatism in the design and the load configuration on the embed, the embed could have carried its full design load even if the altered nut were omitted. If left uncorrected, this chain of events would not have degraded safety and, therefore, is judged not to be a significant deficiency under Regulation 10CFR50.55(e).

Yours very truly,

*Glenn L. Koester*

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