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## Vogtle Project

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March 2, 1984

United States Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region II-Suite 3100  
101 Marietta Street  
Atlanta, Georgia 30303

File: X7BG03-M55  
Log: GN-324

Reference: Vogtle Electric Generating Plant-Units 1 and 2, 50-424, 50-425;  
HVAC Duct Support Weld Discrepancies

Attention: Mr. James P. O'Reilly

Gentlemen:

On January 31, 1984, Mr. C. W. Hayes, Quality Assurance Manager - Vogtle Project, reported a potential deficiency to Mr. John Rogge of the USNRC-Region II.

On November 14, 1983, Georgia Power Company (GPC) Construction reported the results of a reinspection program for HVAC duct supports performed by the Pullman/Kenith-Fortson (P/K-F) Quality Control Department. The reinspection program resulted from a GPC Quality Assurance Audit Finding Report, a GPC Stop Work Order (SW-M-11), and other GPC directives to P/K-F in reference to poor workmanship and the questionable adequacy of the P/K-F quality control inspection program.

The P/K-F reinspection program was initiated after significant improvements were made in the P/K-F quality control program. The reinspection program consisted of examining 130 selected supports out of the population of installed HVAC duct supports. The reinspection found that a significant number of welds did not meet the minimum visual acceptance standards. A Bechtel inspection team was organized to ascertain if the reporting constitutes an accurate indication of the existing conditions. This inspection team, on the basis of reinspecting 23 of the 130 supports initially reinspected by P/K-F, concluded that the P/K-F reinspection report projects a worse overall condition than does actually exist. However, the inspection team also concluded that the existing condition is significant enough to warrant additional investigation.

The following schedule has been developed to investigate the integrity of the existing supports:

- (1) GPC Construction will provide a list of HVAC supports that have been installed and inspected to Bechtel Power Corporation (completed 2/21/84).

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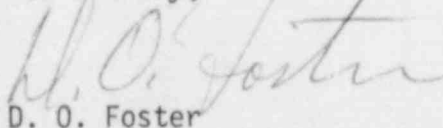
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- (2) Bechtel Engineering will identify samples that are randomly selected on a statistical basis (to be completed by April 15, 1984).
- (3) For these selected samples, Pullman/Kenith-Fortson (P/K-F) will perform visual inspections to the criteria of Appendix VC to the HVAC specification (X4AJ01) (to be completed by June 1, 1984).
- (4) Bechtel will review the inspection results and perform an engineering evaluation, including statistical analyses and, if required, testing of some worse case results. A final report is tentatively scheduled for December 1, 1984 and assumes that testing will not be necessary.

Based upon the length of time required to complete the inspection and analyses required to evaluate this item, Georgia Power Company intends to submit an interim report to the NRC on or about September 10, 1984, that will forecast an expected completion date for the resolution of this issue.

This response contains no proprietary information and may be placed in the NRC Public Document Room upon receipt.

Yours truly,



D. O. Foster

REF/DGF/tdm

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