

Georgia Power Company  
Route 2, Box 299A  
Waynesboro, Georgia 30830  
Telephone 404 554-9961, Ext. 3360  
404 724-8114, Ext. 3360

PRP  
OFFICIAL COPY



Georgia Power

*the southern electric system*

D. O. Foster  
Vice President and Project  
General Manager  
Vogtle Project

84 MAY 29 AIO: 46 All: 26

May 14, 1984

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

File: X7BG03-M50  
Log: GN-361

Reference: Vogtle Electric Generating Plant-Units 1 and 2, 50-42A, 50-425;  
Strut Channel Installation Discrepancies; Letter GN-299, dated  
12/27/83.

Attention: Mr. James P. O'Reilly

Gentlemen:

In the letter referenced above, Georgia Power Company indicated that a completion schedule for the evaluation of this concern would be submitted to the NRC by May 13, 1984. This interim report provides the completion schedule as well as the status of the evaluation.

To evaluate the strut nut installation discrepancies in existing installations, random samples from the total population of installed cable tray supports with eight bolt connections were selected on a statistical basis. Specially trained Quality Control inspectors using a fiber optic scope then examined each selected installation to determine the angle of skew of the spring-loaded nut to the in-turned edge of the channel.

To correlate the inspection results with the load carrying capacity of the installations, test data was obtained from the manufacturers of the strut channel on load capacity of connections in which only partial engagement between the nut grooves and the edge of the strut channel is provided. The evaluation of the inspection results is expected to be completed by June 29, 1984. Georgia Power Company expects to submit a final report to the NRC concerning the reportability of this concern by July 20, 1984.

To prevent recurrence of the subject installation discrepancies, the construction specification and field procedure addressing raceway system installations have been revised to specifically address the requirements for proper engagement of the strut nut grooves with the in-turned edges of the strut channel.

8406110264 840514  
PDR ADOCK 05000424  
S PDR

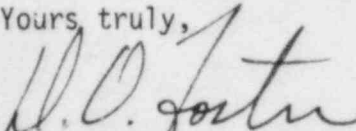
OFFICIAL COPY

IE 27 10

Strut Channel Installation Discrepancies  
Page Two

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

Yours truly,



D. O. Foster

REF/DOF/tdm

xc: U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D. C. 20555

xc: R. J. Kelly  
R. E. Conway  
G. F. Head  
C. W. Hayes  
D. N. MacLemore  
D. E. Dutton  
W. F. Sanders  
R. H. Pinson  
P. D. Rice  
R. A. Thomas  
J. A. Bailey  
O. Batum  
G. Bockhold  
B. M. Guthrie  
E. D. Groover  
L. T. Gucwa  
M. Malcom  
H. H. Gregory, III  
J. T. Beckham, Jr.  
J. L. Vota