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D. E. Dutton
Vice President



March 5, 1982

Director of Nuclear Reactor Regulation
Attention: Darrell G. Eisenhut, Director
Division of Project Management
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555



NRC DOCKET NUMBERS 50-424 AND 50-425
CONSTRUCTION PERMIT NUMBERS CPPR-108 AND CPPR-109
VOGTLE ELECTRIC GENERATING PLANT
DAMPING VALUES FOR DESIGN OF CABLE TRAY SUPPORTS

Dear Mr. Eisenhut:

In January, 1982, we submitted a draft report (Ref. 1) in response to issues raised by your staff in a conference call held on December 9, 1981, on the above subject. Subsequent to this, a meeting was held at the NRC Headquarters in Bethesda on February 3, 1982 to discuss the use of higher damping values for the Vogtle cable tray supports.

During the meeting additional detailed information was presented. This additional information included: (a) a description of the Vogtle supports and the plant's seismic zones, (b) the pertinent test data from the ANCO Test Program (Ref. 2), (c) the proposed design damping curve to be used for Vogtle, and (d) additional clarification to questions raised by your staff. Based on our presentation and supporting material a decision was made by members of your staff that for the Vogtle Cable Tray Support Design the use of a 15% Damping Value for both OBE and SSE is acceptable. We are proceeding with our design on this basis.

During the discussions, additional supporting information was requested. We agreed that the final report would provide expanded sample calculations and all reports and handouts that were presented. Enclosed are five (5) copies of the formal report titled "Report on Cable Tray Support System Damping Values" dated March 3, 1982 that are provided for this purpose. This report supplements the material in the PSAR and the changes will be reflected in the FSAR which is scheduled to be submitted in September, 1983.

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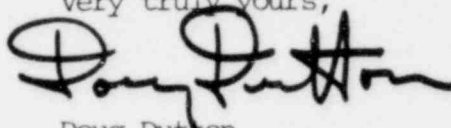
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Mr. Eisenhut
March 5, 1982
Page 2.

The main body of this report does not contain any proprietary information and may be placed in the Public Document Room; however, Appendices (A) and (B) contain proprietary information. Pursuant to 10 CFR, Section 2.790, we request that Appendix (A) "Proprietary Sample Calculations", and Appendix (B) "Proprietary Test Damping Curves" be withheld from public disclosure.

Should you have any questions about this report, please inquire.

Very truly yours,



Doug Dutton
Vice President
Generating Plant Projects

DD/sc

cc: R. A. Thomas
D. O. Foster
J. A. Bailey
M. Malcom
L. T. Gucwa
J. M. Grant

REFERENCES

- (1) "Responses to Issues Raised by the NRC to Cable Tray Support System Damping Values," Vogtle Electric Generating Plant, January 4, 1982.
- (2) "Cable Tray and Conduit Raceway Seismic Test Program - Release 4 (Final)," Test Report #1053-21.1-4, December 15, 1978, ANCO Engineers, Inc.