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Vogtle Project

March 20, 1985

Director of Nuclear Reactor Regulation
Attention: Ms. Elinor G. Adensam, Chief
Licensing Branch #4
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

File: X7BC35
Log: GN-561

NRC DOCKET NUMBERS 50-424 AND 50-425
CONSTRUCTION PERMIT NUMBERS CPPR-108 AND CPPR-109
VOGTLE ELECTRIC GENERATING PLANT - UNITS 1 AND 2
REQUEST FOR SUPPLEMENTAL INFORMATION
DSER CONFIRMATORY ITEM 4

Dear Mr. Denton:

Attached for your staff's review is a paper by I. P. Kapila that forms the basis of the method used to establish dynamic passive pressures (confirmatory item 4) for the VEGP.

If your staff requires any additional information, please do not hesitate to contact me.

Sincerely,

J. A. Bailey
Project Licensing Manager

JAB/sm

Enclosure

xc: D. O. Foster
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CONFIRMATORY ITEM 4 METHOD USED TO
ESTABLISH DYNAMIC PASSIVE PRESSURES

Attached is the "Earthquake Resistant Design of Retaining Walls" by I.P. Kapila presented at the Second Symposium on Earthquake Engineering at the University of Roorhu, India. This paper forms the basis of the method used to establish dynamic passive pressures for VEGP. A copy of this paper was informally transmitted to the NRC during the structural review meeting held in Los Angeles, California during the week of December 3, 1984.