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Vogtle Project

September 30, 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: X6BB06
Log: GN-701

NRC DOCKET NUMBERS 50-424 AND 50-425
CONSTRUCTION PERMIT NUMBERS CPPR-108 AND CPPR-109
VOGTLE ELECTRIC GENERATING PLANT-UNITS 1 AND 2
FIRE PROTECTION SAFE SHUTDOWN ANALYSIS

Dear Mr. Dnnton:

During discussions with the NRC staff, Georgia Power Company committed to completing an analysis of the safe shutdown capability for Plant Vogtle by September 30, 1985. This analysis will also address the alternate or dedicated shutdown capability and the question of associated circuits and spurious actuations caused by a fire. To complete the analysis to the level of detail necessary has required more time than originally estimated. It is expected that the analysis of the safe shutdown capability, alternate shutdown and associated circuits/spurious actuations will be completed and submitted for NRC review by March 1986.

As discussed in the September 26, 1985, telephone conversation with the NRC staff, the safe shutdown analysis performed to date has shown that the sprinkler system inside the containment is not needed to assure safe shutdown. The system as presently designed is not operable until the manual containment isolation valve is opened. Therefore automatic sprinkler coverage is not provided for the containment. The ability to achieve safe shutdown for a fire inside containment will be assured by providing separation of redundant safe shutdown components in accordance with the requirements of 10 CFR 50 Appendix R Section III.G.2 for non-inerted containment. This change in plant design will be reflected in a future FSAR amendment.

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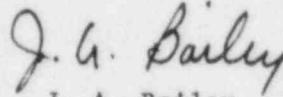
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If your staff requires any additional information, please do not hesitate to contact me.

Sincerely,



J. A. Bailey
Project Licensing Manager

JAB/rlk/caa
Attachment

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Vogtle Project File