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Docket No. 50-424  
License No. CPPR-108

Georgia Power Company  
ATTN: Mr. J. P. O'Reilly,  
Senior Vice President  
Nuclear Operations  
P. O. Box 4545  
Atlanta, GA 30302

Gentlemen:

SUBJECT: NRC REVIEW OF VOGTLE READINESS REVIEW MODULE 4 MECHANICAL  
EQUIPMENT AND PIPING - NRC INSPECTION REPORT NO. 50-424/86-54

The NRC has completed a detailed review, inspection, and verification of the subject Module which you submitted to the NRC on June 25, 1985. Inspections were conducted at the Vogtle site and the resultant findings were discussed with members of your staff at the conclusion of these inspections. Technical reviews were conducted primarily in NRC Bethesda and Region II offices and the findings from these reviews have also been discussed with your staff.

Areas contained in the Module, which were reviewed, examined, and verified, are identified in the enclosed report. Within these areas, the inspection and verification consisted of selected examinations of procedures and representative records, discussions with personnel, observations of activities in progress, and review of your licensing commitments.

The results of Module 4 reviews and inspections are summarized into the categories of deficiencies, inspector followup items, and unresolved items. These matters which have been pursued during subsequent reviews and inspections and have been resolved.

Based upon the NRC review and assessment of the readiness review activities described in Module 4, we have determined that certain deficiencies existed involving the scope and depth of review by your readiness review team. These deficiencies involved the adequacy of: the identification and verification of commitments; review of design documents; and, resolution of design findings. Appropriate corrective actions were taken by Georgia Power Company in the performance of subsequent modules which were reviewed by the NRC.

We have determined, however, by an independent NRC evaluation that your activity control programs for design and construction of Mechanical Equipment and Piping at Vogtle Unit 1 are acceptable and comply with applicable regulatory requirements. These conclusions are based on information currently available to the inspectors and reviewers. Should information subsequently become available which was not considered during this review or which conflicts with earlier information, it will be evaluated to determine what effect it may have on the above conclusion.

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Should you have any questions concerning this letter, please contact us.

Sincerely,

ORIGINAL SIGNED BY:  
J. NELSON GRACE

J. Nelson Grace  
Regional Administrator

Enclosure:  
NRC Inspection Report No. 50-424/86-54

cc w/encl:

- ✓ R. E. Conway, Senior Vice President & Project Director
- ✓ C. Whitney, General Manager, Project Support
- ✓ D. D. Rice, Vice President, Project Engineering
- ✓ R. H. Pinson, Vice President, Project Construction
- ✓ C. W. Hayes, Vogtle Quality Assurance Manager
- ✓ G. B. Bockhold, General Manager, Nuclear Operations
- ✓ K. Gucwa, Manager, Nuclear Safety and Licensing
- ✓ J. A. Bailey, Project Licensing Manager
- ✓ B. W. Churchill, Esq., Shaw, Pittman, Potts and Trowbridge
- ✓ E. Joiner, Troutman, Sanders, Lockerman and Ashmore
- ✓ G. Ledbetter, Commissioner, Department of Human Resources
- ✓ H. Badger, Office of Planning and Budget
- ✓ D. Kirkland, III, Counsel, Office of the Consumer's Utility Council
- ✓ D. Feig, Georgians Against Nuclear Energy
- ✓ M. B. Margulies, Esq., Chairman, Atomic Safety and Licensing Board Panel
- ✓ Dr. O. H. Paris, Administrative Judge Atomic Safety and Licensing Board Panel
- ✓ R. A. Linenberger, Jr., Administrative Judge Atomic Safety and Licensing Board Panel

(bcc w/encl - see page 3)

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 M. Miller, NRR  
 W. Brach, EDO  
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 Document Control Desk  
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RII <i>EHR</i> EGirard:hlm 10/27/86	RII <i>[Signature]</i> CHallstrom 10/9/86	RII <i>[Signature]</i> Slias 10/9/86	RII <i>[Signature]</i> Blake 10/9/86	RII <i>[Signature]</i> AHerdt 10/10/86	RII <i>[Signature]</i> VPanciera 10/10/86
RII <i>MS</i> MSinkule 10/1/86 1 16 7	RII <i>[Signature]</i> VBrownlee 10/10/86 1 7	RII <i>[Signature]</i> Walker 10/16/86 1 7	RII <i>MS for</i> TMNovak 10/1/86 1 16 7	RII <i>MS</i> BGRimes 10/16/86 1 7	RII <i>MS</i> EChristerbury 10/16/86 7 1
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