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C. K. McCoy  
Vice President, Nuclear  
Vogtle Project



Georgia Power  
the southern electric system

March 29, 1991

ELV-02661  
0902

Docket Nos. 50-424  
50-425

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

Gentlemen:

VOGTLE ELECTRIC GENERATING PLANT  
REVISION TO TECHNICAL SPECIFICATIONS CHANGE REQUEST  
TO ACCOUNT FOR MORE RCS FLOW UNCERTAINTY

The Technical Specifications changes proposed in Georgia Power Company letter ELV-02166 dated November 29, 1990, included a revision to the Reactor Coolant System (RCS) flow measurement uncertainty. The revised value of the uncertainty that was proposed was 2.2% and is consistent with the value used in the evaluations and analyses that were included with ELV-02166. The proposed limit for RCS flow is stated in Specification 3/4.2.5. The proposed minimum Technical Specification flow of 391,225 gpm was derived by increasing the value of flow used in the safety analyses by the measurement uncertainty of 2.2%.

In a meeting with the NRC on February 13, 1991, the NRC staff suggested that the uncertainty should be increased by an additional 0.1% to account for uncertainty associated with the cleaning of the feedwater venturis. The venturis are used to measure feedwater flow for determination of reactor power level. The power level is then used in the verification of RCS flow. Georgia Power Company agrees with the NRC's suggestion. Attached to this letter is a revision to the proposed change to Specification 3/4.2.5. The revision changes the uncertainty from 2.2% to 2.3% and the associated RCS flow limit from 391,225 gpm to 391,605 gpm. A change to the Technical Specifications Bases is also included in order to record the reason for the additional 0.1%. The typed and marked-up pages are provided in accordance with the implementation of the Technical Specifications changes as proposed in ELV-02166. These pages replace the pages attached to letter ELV-02166 on a one for one basis.

These changes do not affect the results or conclusions of the analyses contained in the original submittal. The instructions for incorporating the changes do not need to be revised. The basis for the conclusion that the Technical Specifications changes do not involve any significant hazards considerations has not changed.

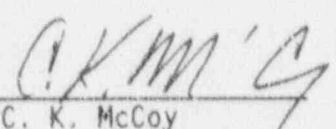
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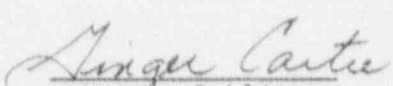
In accordance with 10 CFR 50.91, the designated state official will be sent a copy of this letter and all enclosures.

Mr. C. K. McCoy states that he is a vice president of Georgia Power Company and is authorized to execute this oath on behalf of Georgia Power Company and that, to the best of his knowledge and belief, the facts set forth in this letter and enclosures are true.

GEORGIA POWER COMPANY

By:   
C. K. McCoy

Sworn to and subscribed before me this 29 day of March, 1991.

  
Notary Public

CKM/HWM/gmb

Enclosures:

- 1. Basis for Proposed Change
- 2. 10 CFR 50.92 Evaluation
- 3. Instructions for Incorporation and Revised Pages

c(w): Georgia Power Company  
Mr. W. B. Shipman  
Mr. P. D. Rushton  
Mr. S. H. Chesnut  
NORMS

U. S. Nuclear Regulatory Commission  
Mr. S. D. Ebnetter, Regional Administrator  
Mr. D. S. Hood, Licensing Project Manager, NRR  
Mr. B. R. Bonser, Senior Resident Inspector, Vogtle

State of Georgia  
Mr. J. D. Tanner, Commissioner, Department of Natural Resources