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C. K. McCoy  
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Georgia Power

*the southern electric system*

September 16, 1992

ELV-04001  
002257

Jocket Nos. 50-424  
50-425

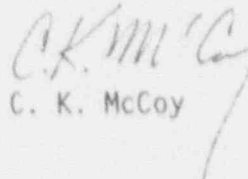
U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555

Gentlemen:

VOGTLE ELECTRIC GENERATING PLANT  
REPLY TO A NOTICE OF VIOLATION

Pursuant to 10 CFR 2.201, Georgia Power Company submits the enclosed response to the violation identified in NRC Inspection Reports 50-424/92-14 and 50-425/92-14 concerning the inspection conducted by Mr. B. R. Bonser during the period of June 28, 1992 - July 25, 1992.

Sincerely,

  
C. K. McCoy

CKM/NJS/gmb

Enclosure

xc: Georgia Power Company  
Mr. W. B. Shipman  
Mr. M. Sheibani  
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

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ENCLOSURE

VOGTLE ELECTRIC GENERATING PLANT  
REPLY TO A NOTICE OF VIOLATION  
NRC INSPECTION REPORTS 50-424/91-14 AND 50-425/91-14

The following is a transcription of the violation as cited in the Notice of Violation (NOV):

"10 CFR 50, Appendix B, Criterion XVI, Corrective Action, requires, in part, that measures shall be established to assure that conditions adverse to quality, such as failures, malfunctions, deficiencies, deviations, defective material and equipment, and nonconformances are promptly identified and corrected. In the case of significant conditions adverse to quality, the measures shall assure that the cause of the condition is determined and corrective action taken to preclude repetition.

Contrary to these requirements, corrective actions following a Unit 2 Turbine Driven Auxiliary Feedwater Pump (TDAFW) failure on June 14, 1992, were inadequate to preclude a subsequent similar failure of the Unit 1 TDAFW pump on July 12, 1992. Following the first pump failure, the licensee failed to identify and act upon information contained in NRC Information Notice 90-51, Failures of Voltage-Dropping Resistors In the Power Supply Circuitry of Electric Governor Systems, which alerted licensees to potential problems involving the failure or degradation of voltage-dropping resistors in the power supply circuitry to electric governor controls on the TDAFW pump.

This is a severity level IV violation. (Supplement 1)"

RESPONSE TO VIOLATION

Admission or Denial of the Violation

The violation occurred as stated above.

Reason for the Violation

The reason for this violation was an inadequate review of Information Notice (IN) 90-51 and Deficiency Card (DC) 2-92-237. As a result, the information contained in IN 90-51 was not applied to the electric governor controls on the TDAFW pumps.

Corrective Steps Which Have Been Taken and the Results Achieved

- o The failed resistor in the power supply circuitry for the Unit 1 TDAFW pump was replaced and the TDAFW pump was tested and declared operable on July 12, 1992. The similar resistor in the Unit 2 TDAFW pump governor was replaced on June 14, 1992.

ENCLOSURE (CONTINUED)

VOGTLE ELECTRIC GENERATING PLANT  
REPLY TO A NOTICE OF VIOLATION  
NRC INSPECTION REPORTS 50-424/91-14 AND 50-425/91-14

- o The evaluation of IN 90-51 and its supplement was reevaluated to identify the use of voltage dropping resistors in the power supply circuitry of the electric governor system.
- o The thorough and detailed evaluation of Information Notices (Operating Experience Reports) was reemphasized to appropriate personnel.

Corrective Steps Which Will Be Taken to Avoid Further Violations

- o The circuitry design of the electric governor system maintains current through the voltage dropping resistors almost continuously. This generates heat which, combined with the area temperature, causes the resistor to age faster than expected. Because of this, the voltage dropping resistors on both units will be replaced by one of a higher wattage rating to reduce the overheating effects and extend the useful life. This will be completed by October 20, 1992.
- o Administrative procedures will be reviewed and revised as appropriate to include more detail on broadness reviews of plant events and industry events. This will be completed by October 1, 1992.

Date When Full Compliance Will Be Achieved

Compliance was achieved on July 12, 1992, when the failed resistor located in the Unit 1 TDAFW control circuit was replaced.