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C. K. McCoy
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Georgia Power
the southern electric system

August 28, 1992

ELV-03986
000579

Docket No. 50-425

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

Gentlemen:

VOGTLE ELECTRIC GENERATING PLANT
SPECIAL REPORT
INVALID DIESEL GENERATOR FAILURE

In accordance with the requirements of the Vogtle Electric Generating Plant Technical Specifications, sections 4.8.1.1.3 and 6.8.2, Georgia Power Company hereby submits the enclosed Special Report concerning an invalid diesel generator failure.

Sincerely,

C.K.McCoy

C. K. McCoy

CKM/NJS

Enclosure: Special Report 2-92-6

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

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

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VOGTLE ELECTRIC GENERATING PLANT - UNIT 2
TECHNICAL SPECIFICATION SPECIAL REPORT 2-92-6
DIESEL GENERATOR 2B INVALID FAILURE

A. REQUIREMENT FOR REPORT

This report is required in accordance with the Vogtle Electric Generating Plant Technical Specifications (TS), section 4.8.1.1.3, which requires all diesel generator (DG) failures, valid or invalid, be reported to the Commission in a Special Report pursuant to TS 6.8.2.

B. DESCRIPTION OF INVALID FAILURE OF DIESEL GENERATOR 2B

On August 19, 1992 at 0406 EDT, personnel performed a monthly surveillance test on DG 2B. The DG was started, the operators observed a slow response by the frequency meter, and the frequency was determined to be stabilized at 13.56 seconds. Additionally, the voltage meter did not respond until 28 seconds, after being tapped several times. The acceptable time limit for obtaining normal frequency and voltage is 11.4 seconds. At 0413 EDT, the DG was stopped, and an investigation was initiated into the cause of the event. Several possible problem areas were evaluated before it was concluded that the primary cause was erratic meter indications which led operators to believe that the DG was not operating within TS requirements for frequency and voltage response. Additionally, the operator's method of timing the frequency response was improper. Although follow-up tests revealed no further erratic meter indications, these tests verified that the DG was operating within TS limits. Operators were advised of the proper timing method, and, as a precaution, the voltage meter was replaced and the frequency meter was recalibrated and will be replaced when a new one is made available.

C. SUMMARY

This event had no effect on the ability of DG 2B to provide emergency power, and the DG was continuously available for emergency operation. Diesel generator 2B has experienced no valid failures in the last 20 valid tests and 1 valid failure in a total of 84 valid tests. The test frequency remains at once per 31 days in accordance with the requirements of TS table 4.8-1.