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C. K. McCoy  
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Georgia Power

the southern electric system

LCV-0332

April 11, 1994

Docket No. 50-424

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

Gentlemen:

**VOGTLE ELECTRIC GENERATING PLANT  
SPECIAL REPORT  
SAFETY INJECTION ACTUATION REPORT**

In accordance with the requirements of the Vogtle Electric Generating Plant Technical Specifications, sections 3.5.2 and 6.8.2, Georgia Power Company submits the enclosed special report concerning the actuation of safety injection which occurred on February 2, 1994.

Sincerely,

*C.K. McCoy*  
C. K. McCoy

CKM/HWM

Enclosure: Special Report

xc: Georgia Power Company  
Mr. J. B. Beasley, Jr.  
Mr. J. A. 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 - UNIT 1 TECHNICAL SPECIFICATION SPECIAL REPORT 1-94-1 SAFETY INJECTION ACTUATION REPORT

#### A. REQUIREMENT FOR REPORT

This report is required in accordance with the Vogtle Electric Generating Plant Technical Specifications (TS), section 3.5.2, which requires safety injection actuations to be reported to the Commission in a special report pursuant to TS 6.8.2.

#### B. DESCRIPTION OF EVENT

On February 2, 1994, personnel were replacing a pressurizer pressure transmitter in the containment building. During the work, the transmitter swung on one of its mounting bolts and touched the handle of the isolation valve for its sensing line, causing the valve to open enough to momentarily vent pressure from the sensing line. This sensing line is shared with another pressure transmitter. The momentary venting of the sensing line caused the second pressure transmitter to sense a false low pressure, which completed a two out of four logic for initiating a reactor trip and a safety injection (SI) at 0557 EST. Within seconds, the technician performing the work closed the isolation valve. Control room operators responded to the reactor trip and SI using the emergency operating procedures (EOPs), and the SI signal was reset at 0607 EST. A Notification of Unusual Event (NOUE) was declared at 0610 EST, due to the safety injection of approximately 1500 gallons of borated water into the reactor vessel. The unit was stabilized and normal operation resumed in Mode 3 (hot standby). The NOUE was terminated at 0750 EST.

#### C. DETAILS OF REPORT

The total accumulated actuation cycles to date is one. The current value of the usage factor for the safety injection nozzles involved is 0.008, which is less than the 0.7 limit for these nozzles.