NRC FORM 366 **U.S. NUCLEAR REGULATORY COMMISSION** (7-77) LICENSEE EVENT REPORT CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) 0 0 0 0 0 -0 0 3 0 01 CON'T REPORT 3 6 6 (7) 1 2 0 9 8 (8) 0 1 0 0 1 L (6) 0 5 0 0 0 SOURCE DOCKET NUMBER EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) With Unit 2 Radwaste performing a routine liquid waste effluent dis-0 2 charge of Chemical Waste Sample Tank "A", the discharge was terminated 0 3 per the Lab Foreman's instruction due to a suspected sample calculation 0 4 error. Further investigation revealed that the requirements of Environ-0 5 Imental Tech. Specs. Section 2.1.1.A were exceeded. The liquid radwaste 0 6 effluent radiation monitor was operable. Plant operation or the health and safety of the public were not affected by this non-repetitive event. CODE CAUSE COMP CAUSE COMPONENT CODE SUBCODE D (13) Z Z (11) A (12) Z Z Z Z Z (14) Z (15) Z (16) SEQUENTIAL OCCURRENCE REVISION REPORT REPORT NO CODE EVENT YEAR TYPE NO LER/RO 131 01 3 L 0 NUMBER NPRD-4 COMPONENT METHOD PRIME COMP. ATTACHMENT SUBMITTED ACTION FUTURE TAKEN ACTION EFFECT ON PLANT FOURS (22) FORM SUB. MANUFACTURER Z (21) 0 0 N (24) Z 9 9 0 Z (25) CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) The cause of this event was attributed to personnel error. The computer operator used the wrong geometry coefficient to calculate the release limits for Chemical Waste Sample Tank "A". To prevent recurrence of this event, the lab computer operators have been instructed and counseled cont cerning the correct performance of radwaste sample tank calculations. 80 METHOD OF FACILITY OTHER STATUS (30) DISCOVERY DESCRIPTION (32) & POWER A lab review of discharge permit 91 4 NA E (28) 01 80 CONTENT AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36) OF RELEASE M (34) 6,030 micro curies chem. waste sample tank A to river L (33) 44 80 PERSONNEL EXPOSURES DESCRIPTION (39) NA 0 10 10 (37) Z 80 PERSONNEL INJURIES DESCRIPTION (41) 10 NA 10 (40)80 OSS OF OR DAMAGE TO FACILITY (43) DESCRIPTION Z (42) NA 8301180393 830106 PUBLICITY NRC USE ONLY PDR ADOCK 05000366 DESCRIPTION (45 PDR N 1(44) PHONE (912) 367-7851 NAME OF PREPARER S. B. Tipps

LER No.: 50-366/1982-133 Facility: E. I. Hatch Licensee: Georgia Power Company Docket #: 50-366

Narrative Report for LER 50-366/1982-133

With Unit 2 Radwaste performing a routine liquid waste effluent discharge of Chemical Waste Sample Tank "A", the discharge was terminated per the lab foreman's instruction due to a suspected sample calculation error. Further investigation revealed that the concentration of Iodine 131 as specifie! in 10CFR Part 20, Appendix B, Table II, Column 2 was exceeded.

Approximately 3,682 gallons containing 8.5 E-7 micro-curies per milliliter of Iodine 131 was released to the river. This exceeded the 10CFR Part 20 limit for Iodine 131 which is 3 E-7 micro-curies per milliliter. This event is contrary to the requirements of Environmental Tech. Specs. Section 2.1.1.A. The liquid radwaste effluent radiation monitor was operable. Plant operation was not affected by this event. The estimated annual dose concentration to the thyroid of an individual at the point of discharge was estimated to be 3.46 x E-2 millirem; therefore, the health and safety of the public were not affected by this non-repetitive event.

The cause of this event was attributed to personnel error. The computer operator used the wrong geometry coefficient to calculate the release limits for Chemical Waste Sample Tank "A", Batch Number 809. To prevent recurrence of this event the lab computer operators have been instructed and counseled concerning the correct performance of radwaste sample tank calculations.