U.S. NUCLEAR REGULATORY COMMISSION NRC FORM 366 (7.77) LICENSEE EVENT REPORT CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) 0 0 0 0 0 0 0 0 LICENSEE CODE CON'T REPORT 1 (7) 0 8 3 1 (8) 0 1 L (6) 8 2 01 5 01 01 01 3 2 SOURCE DOCKET NUMBER EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) Ion 8/31/82, with Upit 1 in run mode at 2256 MWt, personnel discovered 0 2 that the primary containmen* atmosphere 02 concentration had exceeded 0 3 [Tech. Specs. requirements. Tech. Specs. 3.7.A.5.a requires that the 0 4 primary containment atmosphere O2 concentration be maintained less than 0 5 14. when primary coolant pressure is above 100 psig. The plant was placed 0 6 in a 24 hour LCO. The health and safety of the public were not affected! by this non-repetitive event. 80 COMP CODE CAUSE VALVE CANSE SUBCOOF CODE COMPONENT CODE 12 Z (15) A (12) Z Z (16) Z Z Z Z Z Z A (13) REVISION SEQUENTIAL OCCURRENCE REPORT REPORT NO. CODE TYPE NO. EVENT YEAR LER/RO 17 11 2 0 3 L 0 0 REPORT NUMBER COMPONENT PRIME COMP. ATTACHMENT SUBMITTED NPRO-4 **ACTION** EFFECT ON PLANT METHOD (2.7) FORM SUB. MANUFACTURER HOURS MUPPLIER. Y Z (25 19 19 0 0 0 0 (23) N (24) Z 19 (18) Z (19 Z Z CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) Personnel failed to secure SBGT in time while venting drywell. The DTDP 1 0 blower pumped air from torus to drywell to maintain positive pressure inj drywell. The torus depressurized and Rx.Bldg/Torus Vacuum Breakers opent ed. A feed and bleed was initiated and 02 concentration restored to normal. Personnel have been counseled to comply with Tech Spec requirements, 1 4 METHOD OF (30) FACILITY DISCOVERY DESCRIPTION (32) OTHER STATUS % POWER Operator Observation A (31) 0 9 1 NA 3 E (28) 80 ACTIVITY CONTENT LOCATION OF RELEASE (36) AMOUNT OF ACTIVITY (35 RELEASED_OF RELEASE Z (33) Z (34) NA NA 80 10 11 PERSONNEL EXPOSURES DESCRIPTION (39) TYPE NUMBER 0 0 0 (37) Z (38) NA 80 PERSONNEL INJURIES DESCRIPTION (41 NUMBER 0 0 0 (40) NA 80 8210220388 820928 LOSS OF OR DAMAGE TO FACILITY (43) PDR ADOCK 0500032 TYPE DESCRIPTION G PDR Z (42) NA PUBLICITY NRC USE ONLY DESCRIPTION (45) ISSUED N (44) NA 6.9 PHONE (912) 367-7851 S. B. Tipps NAME OF PREPARER -

LER No.: 50-321/1982-071 Licensee: Georgia Power Company Facility: Edwin I. Hatch Docket #: 50-321

Narrative Report for LER 50-321/1982-071

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On August 31, 1982, with Unit 1 in run mode at 2256 MWt, personnel discovered that the primary containment atmosphere O2 concentration had exceeded Tech. Specs. requirements. Tech. Specs. 3.7.A.5.a requires that the primary containment atmosphere O2 concentration be less than 4% when primary coolant pressure is above 100 psig. The plant was placed in a 24-hour LCO. The health and safety of the public were not affected by this non-repetitive event.

The cause of this event was personnel error. Personnel failed to secure the standby gas treatment system while venting the drywell in sufficient time to prevent pressurization of the drywell relative to the torus. The drywell-torus D-P blower pumped air from the torus to drywell to maintain a positive pressure in the drywell relative to the torus. This subsequently caused the torus to depressurize and the reactor building to torus vacuum breakers to open. This allowed an inflow of outside oxygen-rich air to the torus. A feed and bleed of nitrogen and containment atmosphere, respectively, was initiated. Subsequently, the O2 concentration was restored to allowable levels, thus terminating the LCO on August 31, 1982. Personnel have been counseled as to the importance of monitoring primary plant conditions and adherence to Tech. Specs.