NRC FORM 366 U. S. NUCLEAR REGULATORY COMMISSION (7.77) LICENSEE EVENT REPORT (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) CONTROL BLOCK: (1)0 0 00 (4) 0 0 G (3 - 1 4 (5)F (2)0 0 1 LICENSE NUMBER LICENSEE CODE CON'T REPORT 18 (8) 0 7 0 9 8 0 3 2 1 706211 0 1 0 0 0 (6) 5 SOURCE REPORT DATE EVENT DATE DOCKET NUMBER EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) inverter R44-S003 tripped on 4 separate occasions on high temp 'B' LPCI 0 2 resulting in loss of power to 'B' recirc suction and discharge valves 0 3 land LPCI injection valve (making RHR B loop inop). 'B' LPCI inverter 0 4 12R44-S003 tripped while separately backseating recirc suction and dis-0 5 The recirc valves and charge valves 2831-F023B and F031B, respectively. 0 6 [LPCI injection valve had no power making RHR B loop inop. There were 0 7 no effects upon public health and safety due to clis event. 0 8 COMP SYSTEM CAUSE CAUSE VALVE COMPONENT CODE CODE CODE SUBCODE SUBCODE G | F | (15 Z (16 E G (13) 1E N IE IR IA (14 D (12) 0 9 (11) 18 OCCURRENCS REVISION REPORT SEQUENTIAL REPORT NO. CODE EVENT YEAR TYPE NO. LER/RO 0 REPORT 0 3 0 5 8 NUMBER 32 30 28 COMPONENT NPRD-4 ACTION FUTURE SHUTDOWN ATTACHMENT PRIME COMP EFFEC (22) FORM SUB. ON PLANT HOURS SUPPLIER 15 Z (24) (25) 3 A (18) E Z (21) 0 0 Y (23) A 15 (26) (20) 10 1(19 CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27 attributed to defective switch(es) in the in-10 Tripping of R44-S003 was These switches will be replaced to prevent recurrence lverter leg(s) 1 1 Cause for 2R44-S003 could not be determined since all lof this problem. Further investigation will be perlalarms were reset and not noted. 1 3 [formed when Unit 2 has an outage of sufficient duration to do so. 1 4 80 METHOD OF FACILIT (30) DISCOVERY DESCRIPTION (32) OTHER STATUS % POWER A (31) 10 1 5 E (28) 7 2 (29) NA Operator Observation 80 ACTIVITY CONTENT AMOUNT OF ACTIVITY (35 LOCATION OF RELEASE (36) OF RELEASE RELEASED NA (33) NA 6 (34) 10 44 80 PERSONNEL EXPOSURES DESCRIPTION (39) NUMBER TYPE 0 (37) NA Z (38) 01 0 80 PERSONNEL INJURIES DESCRIPTION (41) NUMBER NA 01 0 (40) 80 LOSS OF OR DAMAGE TO FACILITY (43 DESCRIPTION Z (42) NA 9 8107280382 810709 PDR ADDCK 05000321 PUBLICITY NRC USE ONLY DESCRIPTION (45 ISSUED PDR N (44) 0 69 68 80 912-367-7851 C. L. Coggin, Supt. Plt. Eng. Serv PHONE. OF ODEDADED

LER #: 50-321/1981-052 Licensee: Georgia Power Company Facility Name: Edwin I. Hatch Docket #: 50-321

Narrative Report for LER 50-321/1981-052

The 'B' LPCI inverter R44-S003 tripped on overtemperature on four (4) separate occasions. These trips occurred on 6-10-81 at 0317 CDT, 6-18-81 at 0010 CDT, 6-18-81 at 1217 CDT, and 6-21-81 at 1850 CDT and were reported on deviation report numbers 1-81-119, 1-81-128, 1-81-130, and 1-81-134, respectively. The cause of these trips was attributed to defective temperature switch(es) in the inverter leg(s). All the temperature switches will be changed out to prevent recurrence of this problem. Following each trip the inverter was reset and returned to service. The loss of this inverter tesulting from an overtemperature trip was reported on LERs 50-321/1980-082, 092, 102, but was attributed to lack of cooling water to the inverter room air conditioner causing a high temperature in the inverter room. The trip in this report was attributed to defective temperature switches which is not a repetitive occurrence for this inverter.

The 'B' LPCI inverter 2R44-S003 tripped on two (2) occasions while separately backseating recirc suction and discharge valves 2B31-F023B and F031B, respectively. These trips occurred on 6-16-81 at 1315 CDT for 2B31-F023B and on 6-16-81 at 1422 CDT for 2B31-F031B and were reported on deviation report numbers 2-81-102 and 2-81-104. The cause for these trips could not be determined since the alarms on the inverter were reset and not recorded. A standing order was written requiring operations personnel to record all alarms prior to returning the inverter(s) to service. This will give sufficient information in the future to determine the cause of an inverter trip. When Unit 2 has an outage of sufficient duration the above valves will be backseated at separate times in an attempt to simulate the condition that caused this inverter to trip. The loss of the inverter in the preceding manner is a nonrepetitive occurrence.

An update report will be issued following the replacement of the temperature switches on R44-S003 and completion of the investigation into the tripping of 2R44-S003.