U. S. NUCLEAR REGULATORY COMMISSION 8005090312 Update Report, Previous Report Date 4-22-80 LICENSEE EVENT REPORT NRC FORM 266 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) (7.77) ](1) CONTROL BLOCK: 2 2 0 0 0 1 - 10 0 0 0 0 0 1 - 10 0 0 3 4 1 11 11 1 (4) GAEIH 0 1 5101010131616 000141111810 8014 LICENSEE CODE CON'T REPORT L (6) 0 [0] [During normal power operation, it was discovered that the PSW and RHR-SW] 0 1 [0]] [pump motor's cooling water supply did not meet single failure criterion.] [0]4] [This is evidenced in the cooling water supply line by the presence of a [single pressure regulator which upon failure would terminate cooling [water to the PSW and RHR-SW pumps potentially rendering them inoperable.] 0 5 [This is not a repetitive occurrence, and there were no effects upon pub-] 0 6 0 7 health and safety due to this event. VALVE SUBCODE COMP llic SUBCODE COMPONENT CODE CAUSE [H] (16) CAUSE CODE X (15) X 1(14 ALLIVIEL VI A (13) | B |(12 REVISION W | A (11) REFORT OCCURRENCE NO. 0 9 SEQUENTIAL TYPE 11 CODE X REPORT NO 011 EVENT YEAR 22 9 10 13 1 LER/RO COMPONENT 28 18 10 1 PRIME COMP. 1 REPORT NPRD-4 MANUFACTURER ATTACHMENT 11 13 10 SHUTDOWN METHOD HOURS (22) A (25) N (24) EFFECT ON PLANT 10 10 10 ACTION FUTURE TAKEN ACTION Y 23 10 12 (21) Z 20 F1(19) F (18) of this event was dur to the initial design not specifying a CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) 11 Idivisional cooling water supply to the pumps. Upon discovery of this [1]2] [fact, action was taken to remove the press. reg. and require continuous Imonitoring of the press. by personnel. Action is in progress to create La divisional supply. This event has been reported regarding 10CFR21. 1 3 DISCOVERY DESCRIPTION (32) METHOD OF DISCOVERY 14 OTHER STATUS 30 D 31 Notification by A/E FACILITY \* POWER NA E (28) 0 9 Q(29) LOCATION OF RELEASE 36 44 1 5 ACTIVITY CONTENT AMOUNT OF ACTIVITY 35 NA RELEASED OF RELEASE 1 6 PERSONNEL EXPOSURES DESCRIPTION (39) TYPE NA NUMBER 0 0 0 37 Z 38 7 PERSONNEL INJURIES DESCRIPTION (41) NA NUMBER 0 0 0 0 1 8 12 LOSS OF OR DAMAGE TO FACILITY (43) 11 NA NRC USE ONLY Z (42) 1 9 PUBLICITY DESCRIPTION (45) NA SSUED N 44 r I Cocain, Supt. Plt. Eng. Serv. PHONE 912-367-7781 0 10

LER #: 50-366/1980-039 Licensee: Georgia Power Company Facility Name: Edwin I. Hatch Docket #: 50-366

## Narrative Report for LER 50-366/1980-039

During normal power operation, it was discovered that the PSW & RHR-SW pump motor's cooling water supply did not meet single failure criterion. This was evidenced in the cooling water supply line by the presence of a single pressure regulator which upon failure would terminate cooling water to the PSW & RHR-SW pumps potentially rendering them inoperable.

The cause of this event was due to an error in the design of the cooling water supply to the PSW and RHR-SW pump motor coolers. A loss of cooling water was not treated as a potential cause of failure for the associated pumps. As a result, divisional concerns were not considered in the initial Upon discovery of this potential mode of failure, design. immediate action was taken to make the pressure regulator a passive device and monitor the cooling water manually. An interim fix is in progress to create a divisional cooling water supply for the pump motor coolers from the PSW system. A permanent fix requiring each division of each system to supply cooling water to the division's associated pumps, similar to the present HNP-2 design, will be implemented during a scheduled refueling outage. This is not a repetitive occurrence. This event has been reported concerning 10CFR21 requirements by the architect-engineer.