NRC FORM 366 **U. S. NUCLEAR REGULATORY COMMISSION** (7-77) LICENSEE EVENT REPORT (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) CONTROL BLOCK: J(1)0 3 0 0 0 0 0 0 0 LICENSEE CODE CON'T 8 2 8 0 3 0 2 8 2 74 75 REPORT DATE 8 3 2 1 (7) 0 2 1 0 1 (6)0 10 10 3 SOURCE DOCKET NUMBER EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) Dn 2-13-82 at 9:25 CST during startup, the APRMs had not been adjusted per T.S. 3.1.B within the 2 hr. time limit. Corrective action to reduce the CMFLPD/FRTP ratio had been started within 15 minutes but the actions 0 4 had been ineffective. A power reduction to 25% was not required as subsuquent actions did have the problem corrected by 11:45 CST. This is not 0 6 repetitive event. There were no effects upon public health or safety due to this event. 80 SYSTEM CAUSE CAUSE COMP VALVE COMPONENT CODE SUBCODE Z X (13) Z Z (15 ZI A (12 Z IZ Z (16 (11 Z 0 OCCURRENCE REPORT REVISION SEQUENTIAL EVENT YEAR CODE REPORT NO TYPE NO 18 0 11 13 01 3 0 ATTACHMENT SUBMITTED COMPONENT NPRD-4 FORM SUE PRIME COMP. ACTION FUTURE SHUTDOWN HOURS SUPP MANUFACTURER Z|(21 0 10 10 N (24) H Z (25) (23) CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) The initial corrective actions proved to be ineffective due to the spatial redistribution of xenon from burnout coupled with an ineffective rod pattern adjustment. A report is being prepared to familiarize the site engs. with the event. To preclude scenarios of this sort in the fut ure a T.S. revision giving a more reasonable time limit is being prepared. METHOD OF ACILITY OTHER STATUS (30) DISCOVERY DESCRIPTION (32) & POWER 0 2 NA A ((31) Personnel Observation 80 CONTENT ACTIVITY AMOUNT OF ACTIVITY (35) LICATION OF RELEASE (36) RELEASED OF RELEASE NA (34) 45 44 80 EXPOSURES DESCRIPTION (39) Z (38) 0 80 DESCRIPTION (41 NA 80 OSS OF OR DAMAGE TO FACILITY (43) DESCRIPTION NA (42 21 NRC USE ON / Y DESCRIPTION (45 N 1(44) NA OF PREPARER C. L. Coggin - Supt. Plt. Eng. Serv. PHONE 912-367-7851

LER #: 50-321/1982-13 Licensee: Georgia Power Company Facility Name: Edwin I. Hatch Docket #: 50-321

## Narrative Report for LER 50-321/1982-13

On 2-13-82, at approximately 67% CMWT during a reactor startup following a scram recovery, an OD1 (Whole-Core LPRM Calibration) and P1 (Periodic Core Evaluation) were run which revealed CMFLPD (Core Maximum Fraction of Limiting Power Density) greater than FRTP (Fraction of Rated Core Thermal Power). Corrective action was initiated within 15 minutes to restore the CMFLPD/FRTP ratio but was not completed within the 2 hour time limit per Tech Specs 3.1.3. A power reduction to 25% was not required as subsequent actions corrected the problem and startup was continued. This is not a repetitive occurrence. There were no effects upon public health and safety due to this event.

The initial corrective action was unsuccessful due to the spatial redistribution of xenon from burnout, coupled with an ineffective control rod pattern adjustment by the reactor engineer. A report is being prepared by the cognizant engineer detailing the actions and reasons for their ineffectiveness for the benefit of the other reactor engineers.

Also, an extension on the 2 hour time limit to 6 hours will be sought through a Tech Spec revision. At the present the 2 hour limit does not always allow enough time to evaluate the situation, make appropriate corrections and then verify the results. The extension of the LCO to 6 hours will allow time for more effective corrective action, including updating of the process computer base distribution by the engineer, re-distribution of the local xenon concentrations in the core, and selection of rod maneuvers and/or core flow adjustments that will alleviate the problem.