**U.S. NUCLEAR REGULATORY COMMISSION** NRC FORM 366 (7.77)Update Report LICENSEE EVENT REPORT Previous Report Date 5-20-82 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) / CONTROL BLOCK:  $\Box$ 2 2 0 0 -0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 57 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 G A E I H 0 LICENSEE CODE CON'T 0 1 SOURCE EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) In a letter dated May 5, 1982, Plant Hatch was notified by General Elec-0 2 tric of a programming error in the ODYN transient analysis code which 0 3 would be expected to result in an increase of 0.01 in the Cycle 3 OLMPCR 0 4 for Hatch 2. The unit has been operating with a 0.01 penalty in the 0 5 OLMPCR. This event is reportable per Tech. Specs. 6.9.1.8.h. The health | 0 6 and safety of the public were not affected by this non-repetitive event. SYSTEM CAUSE CAUSE COMP. VALVE SUBCODE COMPONENT CODE SUBCODE Z (15 Z1(14) Z| Z| X (12 Z (13) Z ZI ZI ZI [ Z ] (16) Z (11) REVISION OCCURRENCE SEQUENTIAL. REPORT EVENT YEAR REPORT CODE TYPE LER/RO REPORT 0 4 0 0 1 11 8 2 X NUMBER COMPONENT NPRD-4 ATTACHMENT SUBMITTED PRIME COMP. ACTION FUTURE TAKEN ACTION SHUTDOWN METHOD (22) HOURS FORM SUB SUPPLIER Z |9 |9 Z (25) Z (21) 18) Z (19 Z 0 0 0 0 Y I (24) CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) The current Technical Specifications limits became non-conservative on 1 0 January 7, 1983. A Tech. Specs. change was submitted to the NRC on October 4, 1982, which was not approved in time. The unit has been operating with the proposed change and with a control rod density larger than analyzed. 4 80 METHOD OF FACILITY (30)DISCOVERY DESCRIPTION (32) OTHER STATUS % POWER 91 8 Z (31 NA NA E (28 0 80 CONTENT ACTIVITY AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36) OF RELEASE RELEASED Z (33) Z (34) NA NA 45 80 44 PERSONNEL EXPOSURES DESCRIPTION (39) 01 0 (37) Z (38) NA 80 PERSONNEL INJURIES DESCRIPTION (41 0 (40) 01 NA 0 80 LOSS OF OR DAMAGE TO FACILITY (43 DESCRIPTION Z (42) NA 8302150682 830203 80 05000366 FDR ADOCK PUBLICITY NRC USE ONLY PDR DESCRIPTION (45 N. (44) NA. 100 80 PHONE 912-367-7851 NAME OF PREPARER H. L. Summer - Supt. Plt. Eng. Serv.

LER #: 50-366/1982-040, Rev. 1 Licensee: Georgia Power Company Facility Name: Edwin I. Hatch Docket #: 50-366

## Narrative Report for LER 50-366/1982-040, Rev. 1 Update Report - Previous Report Date

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Unit 2 Cycle 3 operation began with NRC approval of the Cycle 3 reload package which used analyses provided by GE. At about the same time, GE notified GPC that the ODYN code used to perform the analyses was in error, but that continued operation of the unit was conservative until late in the cycle when pressurization transients became limiting. The GE reanalyses were completed in September, 1982, and published in Y1003J0A32 Rev. 1. GPC changed the MCPR limit in the process computer at Plant Hatch to reflect the more conservative, corrected value. GPC submitted a request for a Technical Specification change of the MCPR limits on October 4, 1982.

During the week of January 3, 1983, GPC NED became concerned that the lack of NRC approval of the corrected MCPR value would interfere with plant operations. On January 6, 1983, GPC requested GE, through SCSI, to identify when the existing Unit 2 MCPR Technical Specification would become non-conservative with respect to limiting end-of-cycle pressurization transients. On January 7, 1983, GE identified that that assuming nominal cycle length, that nonconservatism would occur at 500 MWD/MTU before EOC. Since we had operated with less than projected control rod density, SCSI determined that with a 10% uncertainty in cycle length due to the change in projected control rod density, the current Technical Specification limit would become non-conservative on January 7, 1983.

The NRC was notified of GPC's concerns on January 6, 1983. On January 7, 1983, GPC NED held a teleconference at 2:30 PM with Mr. George Rivenbark (NRC Hatch Licensing Project Manager), Mr. Larry Phillips (NRR Section Chief - Core Hydraulics), and Mr. George Schwenk (NRR Core Hydraulics). Mr. Larry Phillips indicated that the October 4, 1982, submittal had been reviewed and NRR believed the values to be acceptable. However, he stated that it would be at least a week on an expedited basis before the SER would be completed and issued. He indicated that as far as NRR (Core Hydraulics) was concerned, Plant Hatch could continue to operate because the more conservative MCPR values requested by the Technical Specification were already being used by the site.

GPC NED then contacted Region II I&E office to arrange a teleconference. At 3:30 PM January 7, 1983, Mr. Virgil Brownlee (Region II I&E), Mr. George Rivenbark, and GPC NED held a teleconference to confirm the actions which NRC and GPC were to take. GPC was to continue operation of Plant Hatch with the conservative MCPR limits in place which were based on the GE reanalysis. NRC-NRR would issue the amendment to Unit 2 Technical Specifications approving the MCPR limits requested in GPC's October 4, 1982, submittal. NRC-Region II I&E would take no enforcement action. Mr. Brownlee stated that he and Messrs. H. C. Dance and R. C. Lewis (NRC-Region II) all concur with the actions being taken.