NRC FORM 366 U. S. NUCLEAR REGULATORY COMMISSION (7.77)Update Report LICENSEE EVENT REPORT Previous Report Date - 12-28-82 CONTROL BLOCK: $(\mathbf{1})$ (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) 0 0 0 0 0 0 - 0 0 3 LICENSE NUMBER 25 26 20 0 0 E I H 0 LICENSEE CODE CON'T L 6 0 5 0 0 0 3 6 6 7 1 0 0 9 8 2 61 DOCKET NUMBER 68 69 EVENT DATE 8 0 2 0 1 8 3 0 1 SOURCE EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10 Starting on October 9, 1982, Hatch Unit 2 at 75% power, & Hatch Unit 1 0 2 at 50% power, plant personnel (as a result of an NRC audit on October 0 3 28, 1982) discovered that plant procedures did not adequately test the 0 4 automatic initiation logic of several plant systems. The Tech. Specs. 0 5 testing requirements for the systems were not adequately met. Health & 0 6 safety of the public were not affected by this non-repetitive event. 0 80 SYSTEM CAUSE CAUSE COMP. VALVE CODE COMPONENT CODE SUBCODE Z (13) SC ZZZZ Z Z (14 Z (15 Z (16) D Z (11 SEQUENTIAL OCCURRENCE REVISION REPORT REPORT NO EVENT YEAR CODE LER/RO NO. 2 1112 0 11 X 4 REPORT NUMBER COMPONENT ACTION FUTURE EFFECT ON PLANT ATTACHMENT NPRD-4 PRIME COMP. SHUTDOWN (22) HOURS FORM Z (21 01010 Z | 9 | 9 Z GI (23) (25) (26) CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) Plant procedures did not adequately test their respective systems. New 1 0 procedures were written & performed to test the logic excluded in the existing procedures. The systems involved are now in full compliance with the requirements. 4 80 METHOD OF FACILITY (30) OTHER STATUS DISCOVERY DESCRIPTION (32) POWER F1(28 715 01 NA D (31 NRC Audit on SBGT System 80 CONTENT ACTIVITY LOCATION OF RELEASE (36) AMOUNT OF ACTIVITY (35) RELEASED OF RELEASE Z (34) NA NA (33)45 44 80 EXPOSURES PERSONNEL DESCRIPTION (39) Z (38) 01 01 NA 80 PERSONNEL INJURIES DESCRIPTION (41) 0 0 0 NA (40) 80 LOSS OF OR DAMAGE TO FACILITY 8302140015 830201 (43)PDR ADOCK 05000366 DESCRIPTION Z (42) NA 90 PUBLICITY NRC USE ONLY DESCRIPTION (45 N (44) NA 5 80 NAME OF PREPARER H. L. Sumner - Supt. Plt. Eng. Serv. PHONE 912-367-7851

LER #: 50-366/1982-112, Rev. 4 Licensee: Georgia Power Company Facility Name: Edwin I. Hatch Docket #: 50-366

Narrative Report for LER 50-366/1982-112, Rev. 4 Update Report - Previous Report Date

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During an NRC audit exit interview held on October 8, 1982, the site was notified of potential problems concerning the completeness of logic system testing. Starting on October 9, 1982, with Hatch Unit 2 at 75% power, and Hatch Unit 1 at 50% power, plant personnel discovered that plant procedures did not adequately test the automatic initiation logic of the following: Standby Gas Treatment System, Unit 2 (Deviation Report Number 2-82-253, Discovery date: 10-9-82, test required per Tech. Specs. 4.6.6.1.d.2), Reactor Core Isolation Cooling System (Deviation Report Number 2-82-255, Discovery date: 10-14-82, testing required per Tech. Specs. 4.3.4.1 and Table 3.3.4.1), High Pressure Coolant Injection System (Deviation Report Number 2-82-257, Discovery date: 10-14-82, testing required per Tech. Specs. 4.5.1.c.1), Automatic Depressurization System (Deviation Report Number 2-82-258, Discovery date: 10-14-82, testing required per Tech. Specs. 4.5.2.a), Standby Gas Treatment System, Unit 1 (Deviation Report Number 1-82-185, Discovery date: 10-14-82, testing required per Unit 1 Tech. Specs. 4.7.B.1.d and Unit 2 Tech. Specs. 3/4.6.6.1), Reactor Core Isolation Cooling System Turbine Vacuum Breakers (Deviation Report Number 2-82-264, Discovery date: 10-18-82, testing required per Tech. Specs. 4.3.4.2 and 4.6.3.2), Residual Heat Removal System (Deviation Report Number 2-82-266, Discovery date: 10-20-82, testing required per Tech. Specs. 4.6.3.2), Mechanical Vacuum Pump and Gland Seal Exhaust System (Deviation Report Number 2-82-272, Discovery date: 10-21-82, testing required per Tech. Specs. 4.3.2.2), Containment Atmospheric Control System (Deviation Report Number 2-82-273, Discovery date: 10-21-82, testing required per Tech. Specs. 4.6.3.2), Core Spray System (Deviation Report Number 2-82-268, Discovery date: 10-21-82, testing required per Tech. Specs. 4.5.3.1.d), Containment Atmospheric Control System (Deviation Report Number 2-82-274, Discovery date: 10-21-82, testing required per Tech. Specs. 4.6.3.2) Reactor Building Isolation Logic System Functional Test (Deviation Report Number 2-82-275, Discovery date: 10-22-82, testing required per Tech. Specs. 4.6.3.2 and Table 3.6.3-1), the Primary Containment Isolation System (Deviation Report Number 2-82-276, Discovery date: 10-22-82, testing required per Tech. Specs. 4.6.3.2), Drywell Isolation Valves (Deviation Report Number 1-82-209, Discovery date: 11-11-82, testing required per Unit 1 Tech. Specs. 3/4.2 and 3/4.7.D), Automatic Depressurization System (Deviation Report Number 1-82-212, Discovery date: 11-18-82, testing required per Unit 1 Tech. Specs. 4.2), Reactor Protection System (Deviation Report Number 1-82-223, Discovery date: 12-13-82, testing required per Tech. Specs. table 4.1-1.), Reactor Core Isolation Cooling System (Deviation Report Number 1-82-224, Discovery date: 12-14-82, testing required per Tech.

Specs. 4.5.E.1.a.) Plant Service Water System (Deviation Report Number 1-82-226, Discovery date: 12-15-82, testing required per Tech. Specs. 4.5.J.1), High Pressure Coolant Injection System (Deviation Report Number 1-82-228, Discovery date: 12-16-82, testing required per Tech. Specs. 4.5.D.1.A), Residual Heat Removal System (Deviaton Report Number 1-82-231, Discovery date: 12-16-82, testing required per Tech. Specs. 4.5.B.1.), and Control Building Isolaton and Pressurization System (Deviation Report Number 1-83-5, Discovery date: 1-6-83, testing required per Tech. Specs. Table 4.2-8 of Unit 1 and 3/4.7.2 of Unit 2). The health and safety of the public were not affected by this non-repetitive event.

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The event resulted from the failure of procedures to adequately test several plant systems. The inadequacies included failure to test a relay and/or the continuity of one or more sets of contacts in each of the logic systems involved. New procedures were written and performed to test the logic excluded in the existing procedures.