NHC FORM 300 (7-77) LICENSEE EVENT REPORT (PLEASS PRINT OR TYPE ALL REQUIRED INFORMATION) CONTROL BLOCK: 0 3 4 1 1 1 1 1 4 2 2 0 0 0 0 0 0 0 0 0 0 EIIH 0 LICENSE NUMBER CON'T 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 8 REPORT LL 0 1 SOURCE DOCKET NUMBER EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) [0] [During normal power operation while performing routine surveillance on Plant Service Water Pump "D" it was indicated that the test data, when compared to the reference 03 I data for the pump, was out of range allowed per the ASME Section 11 requirements. 0 4 [The pump was declared inoperable resulting in Unit 2 being declared in a limiting 0 5 [0]6] [condition of operation per the Technical Specification section 3.7.1.2. Following I a review of the pump's past surveillance data and performance of a subsequent test 0 7 [that the pump was declared operable; hence, negating the limiting (continued) 0 8 80 COMP VALVE SUBCODE SYSTEM CODE CAUSE CAUSE COMPONENT CODE SUBCODE SUBCODE CODE 121 (16) UI MI XI X (14) G 1 (15 Z (13) WIAI (11) XI 0 9 18 REVISION SEQUENTIAL OCCURRENCE REPORT NO. LER/RO EVENT YEAR CODE TYPE REPORT NO. 0 3 0 11 01 51 (17) REPORT 9 NUMBER 32 COMPONENT PRIME COMP. NPRD-4 SHUTDOWN METHOD SUBMITTED EFFECT ON PLANT ACTION FUTURE HOURS (22) FORM SUB MANUE N 24 1 0 5 N (25) 1Y (26)0 0 0 0 23 H (18) G CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) [Since pumping capacity degradation due to normal wear would tend to gradually decrease] 10 [1] Lthe ratio of test data to reference data, over the pump life a review of the surveil-[lance test data was performed. A comparison of the new test data taken on 9-19-79, [1]3] to the reference data taken on 9-9-79, revealed a ratio of 1.09 for flow rate as op-L posed to the acceptable ratio range of .94 to 1.02. The review also (continued) 1 4 80 METHOD OF DISCOVERY OTHER STATUS (30) FACILITY DISCOVERY DESCRIPTION (32) % POWER Surveillance Testing B (31) NA 0 9 1 (29) E (28) 1 5 80 44 45 13 ACTIVITY CONTENT LOCATION OF RELEASE 36 AMOUNT OF ACTIVITY (35) RELEASED OF RELEASE NA Z 33 Z 34 NA 6 20 4 10 11 PERSONNEL EXPOSURES DESCRIPTION (39) NUMBER NA 0(0)Z 01 7 0 80 PERSONNEL INJURIES DESCRIPTION (41) NUMBER NA 0 0 1148 80 LOSS OF OH DAMAGE TO FACILITY (43) DESCRIPTION NA Z 7910170 238 NRC USE ONLY PUBLICITY DESCRIPTION (45) N . NA 6.14 80. NAME OF PREPARER C. L. Coggin, Supt. Plt. Eng. Serv. PHONE 912-367-7781

Georgia Power Company Plant E. I. Hatch Baxley, Georgia 31513

Event Description and Probable Consequences (continued)

condition of operation. This event is a non-repetitive occurrence for the Plant Service Water pumps. Public health and safety were not affected by the event. The remaining Plant Service Water pumps along with the standby Plant Service Water pump were available and operable.

Cause Description (continued)

revealed that the reference data was re-set on 9-9-79, following a procedure revision; however, the code has no provision for re-setting reference data unless a major pump modification has been performed. Also the reference data taken on 9-9-79 appeared erroneous when compared to the pump's historical performance.

In order to better establish confidence in the pump's true condition, another test was performed using the initial reference data taken 6-18-78. As a result of this test, a ratio of .923 for flow rate was calculated. Although this ratio (.923) is in the "Alert Range", thereby requiring an increase in the surveillance frequency, this value is more realistic considering the pump's life.

In addition, the architect-engineer has been consulted for a precise interpretation of the ASME Section 11 requirements, which will be reflected in an appropriate procedure revision. Also, the associated personnel have been instructed as to the importance of verifying the correctness of data.