

Wills  
USNRC REGION  
ATLANTA, GEORGIA

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SEP 11 A 9: 2

SUBJECT: HATCH UNIT 1 & UNIT 2, DOCKET NOS. 50-221 & 50-266,  
NOTIFICATION OF REPORTABLE OCCURRENCE NOS.

DATE: 9-10-70

NOTIFIED: Ross F. Rogers

DATE: 9-8-70  
TIME: 2010 EDT

### DESCRIPTION OF REPORTABLE OCCURRENCE

#### Initial Condition

Prior to the occurrence the Unit 1 reactor was in the run position at 2300 megawatts thermal; the Unit 2 reactor was in the hot shutdown condition.

#### Nature of Occurrence

E11-C001A, B, & D pumps failed to meet the requirements of their operability procedure HNP-1-3157; it was later determined that "C" pump had also failed after E11-R004C had been recalibrated. Still later, with the units shutdown it was discovered that HNP-1-3157 and HNP-2-3157 had errors in their pump pressure formulas.

#### Immediate Corrective Action

Operations initiated steps (wrote Maintenance Requests to calibrate pressure gauges) to prove the RHR Service water system operable, then brought Unit 1 reactor to cold shutdown per Tech Specs section 3.5.C. The architect-engineers were consulted about the pump operability procedures.

#### Cause

HNP-1-3157 and HNP-2-3157 had errors in the formula used to calculate pump discharge pressures, which should equal the values shown on E11-P1-R004A-D.

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#### Supplemental Corrective Action

The pump pressure formulas within HNP-1-3167 and HNP-2-3167 are being reviewed by site and architect-engineering to derive and maintain the correctness of related formulas and confirm that the pumps have been operating within a conservative manner.

#### Status of Redundant or Backup Systems

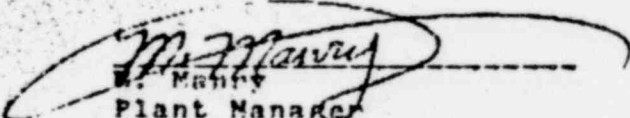
On Unit 1 all four of the RHR Service water pumps were inoperable, but the other Emergency Core Cooling Systems were available.

#### Impact to Other Units

The Unit 2 procedure was also reviewed and found to have the same errors as Unit 1 (Unit 2 was already shutdown to fix steam leaks.).

#### Justification for Continued Operation

Both units were shutdown; their related procedures have been revised.

  
M. J. Marney  
Plant Manager

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