

Wills

USNRC REGIONAL
ATLANTA, GEORGIA

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 UNITED STATES NUCLEAR REGULATORY COMMISSION
 DIRECTOR OF INSPECTION AND ENFORCEMENT
 REGION II
 SUITE 3100
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 ATLANTA, GEORGIA 30303

SEP 11 A 9: 2

Lewis Gibson

SUBJECT: HATCH UNIT 1 & UNIT 2, DOCKET NOS. 50-321 & 50-366,
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-1-3167; 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-1-3167 and HNP-2-3167 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-1-3167 and HNP-2-3167 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

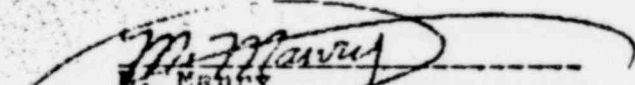
On Unit 1 all four of the RHR Service water pumps were inoperable, but the other Emergency Core Cooling Systems were available.

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. Murray
Plant Manager

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