

USNRC REGION
ATLANTA OFFICE
RO TELEGRAM FORMAT

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MR. JAMES P. O'REILLY 79 SEP 12 AB: 50
UNITED STATES NUCLEAR REGULATORY COMMISSION
DIRECTOR OF INSPECTION AND ENFORCEMENT
REGION 11
SUITE 3100
101 MARJETTA STREET
ATLANTA, GEORGIA 30303

SUBJECT: HATCH UNIT 1, DOCKET NO. 50-321, NOTIFICATION OF REPORTABLE OCCURRENCE
NO. 50-321/1979- GP1

DATE: 9-11-79

NOTIFIED: Ross F. Rogers

DATE: 9-10-79

TIME: 17:00

DESCRIPTION OF REPORTABLE OCCURRENCE

Initial Condition

Unit 1 in run mode. 350 Mw. 101 Mw.
Unit 2 in shutdown mode.

Nature of Occurrence

It was discovered that LOCA conditions could cause several primary containment purge and inerting valves to overtravel during closure due to differential pressure across the valves and lose their seating ability. This could result in leakage of contaminated steam to the reactor building.

Immediate Corrective Action

Standing orders were issued for both units instructing operators to keep these valves closed. Unit 1 will use an alternate flow path for nitrogen inerting and drywell to torus differential pressure maintenance.

Cause

Architect-engineer did not specify valves to be capable of operating with a LOCA caused differential pressure. This is a design specification deficiency.

Supplemental Corrective Action

A design change to prevent these valves from being opened more than 30 degrees is in progress. This will eliminate the fast closure problem.

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Status of Redundant or Backup Systems

Both isolation valves in each line are included in this failure mode.

Impact to Other Unit

Both units at Plant Hatch were affected. This failure mode could effect other units that employ similar valves for these functions.

Justification for Continued Operation

The standing orders that were issued provide for safe operation of both units.


R. Henry
Plant Manager

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