

USNRC REGION II
ATLANTA, GEORGIA

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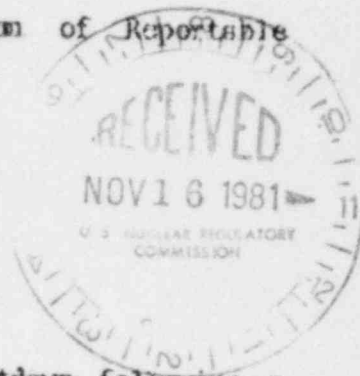
01 BAXLEY, GEORGIA 31513
PMS MR. JAMES P. O'REILLY
UNITED STATES NUCLEAR REGULATORY COMMISSION
DIRECTOR OF INSPECTION AND ENFORCEMENT
REGION II
SUITE 3100
101 MARIETTA STREET
ATLANTA, GEORGIA 30303

SUBJECT: Hatch Unit 1, Docket No. 50-321, Notification of Reportable Occurrence No. 50-321/1981-120.

DATE: 11-06-81

NOTIFIED: J. Bryant

DATE: 11-05-81
TIME: 1655 EST



DESCRIPTION OF REPORTABLE OCCURRENCE

Initial Condition

Unit 1 was shutdown for core reconstitution. Unit 2 shutdown following a reactor scram on 11-5-81.

Nature of Occurrence

A/E review of scram discharge system pipe break implications revealed that either a scram discharge pipe break on the 130' elev. or a main steam line break in the steam chase could elevate the torus room temperature sufficiently to cause a HPCI/RCIC steam line isolation

Immediate Corrective Action

A standing order has been issued outlining the proper operator response to over-ride a HPCI/RCIC isolation due to a main steam line break.

Cause

The cause is a structural one in that venting of the steam chase area to the torus room was required to prevent pressurization of the steam chase area.

Supplemental Corrective Action

The A/E is presently evaluating a logic change which would over-ride the HPCI/RCIC isolation from High Torus area temperature in the event of a main steam line break.

Status of Redundant or Backup Systems

This problem does not impact operation of any other BCCS system nor any non-temperature related isolation capability of HPCI or RCIC.

Impact to Other Unit

Unit 2 is affected the same as Unit 1.

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Justification for Continued Operation

With the concurrence of our NRR Project Manager and the resident inspector a standing order has been issued addressing proper operator response in the event of a confirmed main steam line break. Annunciator response procedures will also be revised to properly address this problem until a permanent modification is identified and implemented.

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