

LER #: 50-321/1980-028
Licensee: Georgia Power Company
Facility Name: Edwin I. Hatch
Docket #: 50-321

Narrative Report
for LER 50-321/1980-028

At 1516 hours and 1925 hours on 3-13-80, and at 1640 hours on 3-17-80, while at steady state operation, secondary containment integrity was momentarily violated when personnel inadvertently opened two 164' elevation reactor building airlock doors simultaneously. Licensed operations personnel visually inspected the airlock doors to insure that they had been properly reclosed and that secondary containment integrity was restored. Licensed operations personnel also verified that secondary containment integrity was maintained by greater than or equal to 1/4" water negative pressure to comply with Tech Specs 4.7.C.2, "Secondary Containment, Surveillance After Integrity Violated."

This type of violation of secondary containment integrity has happened in the past and is caused by the inadequate design of the present airlock interlock system. Although plant personnel have been instructed in the proper usage of the airlock doors, the present airlock interlocking scheme does not provide a rapid enough response to prevent the simultaneous opening of two airlock doors. Design Change Request 79-409 has been written to revise the present airlock interlock system, thereby alleviating the recurrence of this event. This modification will assign a priority to one of the doors, and the revised interlocking scheme will be enabled before the first door is allowed to open.

The problem of secondary containment integrity violations at the airlocks is inherent to both Hatch Unit 1, Docket #50-321, and Hatch Unit 2, Docket #50-366. Design Change Request 79-409 will be implemented for both Hatch Unit 1 and Hatch Unit 2 airlock doors. The present target date for completion of this modification is 10-1-80. Upon finalization of the architectural design and delivery of remaining materials, implementation will begin at the most heavily trafficked airlocks.

POOR ORIGINAL