

LER #: 50-321/1980-109
Licensee: Georgia Power Company
Facility Name: Edwin I. Hatch
Docket #: 50-321

Narrative Report
for LER 50-321/1980-109

On 9-19-80, with the reactor in steady state operation at 2410 MWT, a maintenance request was issued for an inspection and test of the rolling overhead fire doors in the diesel generator building to determine operability. During these tests the door in diesel generator room 1A failed to actuate automatically. Failure of the door to close breached the integrity of the fire barrier. Tech Specs 3.13.6 requires all penetration fire barriers to be functional at all times.

A fire door repairman inspected the doors and determined that a part failure had occurred due to a buildup of grease on the closer mechanism. During the test this caused undue strain on the closer mechanism which in turn caused a part to break. Recommendations were to limit grease on the closer parts to a light coating. This will allow the parts to move more freely and reduce strain on the closer parts.

This problem has been reviewed, and it has been determined that this problem should not recur if grease buildup on these parts is eliminated. After the inspection by the fire door repairman all closer mechanisms on all of the fire doors of this make and model were inspected, and a functional test was then successfully performed on all fire doors in the diesel generator building. This is a nonrepetitive event, and the health and safety of the public was not affected.