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Edwin I. Hatch Nuclear Plant

USNRC REGION II
ATLANTA, GEORGIA

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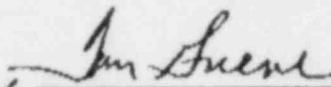
August 4, 1981
PM-81-682

PLANT E. I. HATCH
Licensee Event Report
Docket No. 50-321

United States Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region II
Suite 3100
101 Marietta Street
Atlanta, Georgia 30303

ATTENTION: Mr. James P. O'Reilly

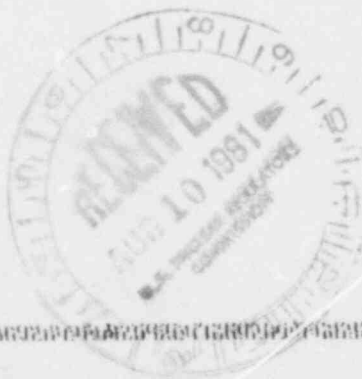
Pursuant to section 6.9.1.9.b of Hatch Unit 1 Technical Specifications, please find attached Reportable Occurrence Report # 50-321/1981-068.


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Plant Manager

MN/CLC/pebc

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LER #: 50-321/1981-068
Licensee: Georgia Power Company
Facility Name: Edwin I. Hatch
Docket #: 50-321

Narrative Report
for LER 50-321/1981-068

On 7-6-81, following a reactor scram from 2432 MW thermal the HPCI system auto started on low reactor water level then tripped on high reactor water level. The operator attempted to manually restart HPCI after water level had returned to below normal, but HPCI would not start because the turbine stop valve failed to open. This event is reportable per Tech Specs 6.9.1.9.b. RCIC, ADS, core spray, and LPCI were operable. There were no effects upon public health and safety due to this event. There was no impact on Unit 2. This is a repetitive occurrence (ref. LER 50-321/1981-051).

The HPCI stop valve failed to open due to malfunction of the turbine overspeed trip system. Excessive clearance between the trip piston and the cylinder bore of the hydraulic trip assembly was causing the trip piston to go to the trip position under normal oil system pressures, thereby causing the stop valve to trip. Oil leakage through the valve seat of the Robertshaw diaphragm control valve model #VC-210 was preventing the trip piston from resetting. Both the Robertshaw control valve and the hydraulic trip assembly were replaced. This enabled the trip system to function normally. The turbine overspeed trip was then adjusted, and the turbine was overspeed tested. The turbine operability test was performed, and HPCI was declared operable. The unit is now in full compliance with the requirements, and no further reporting is required.