

LER No.: 50-321/1983-007
Licensee: Georgia Power Company
Facility: Edwin I. Hatch
Docket #: 50-321

Narrative Report
for LER 50-321/1983-007

While performing the "HPCI TURBINE MECHANICAL OVERSPEED TRIP" procedure, it was discovered that the HPCI turbine would not trip at \leq 5000 RPM. This is contrary to the requirements of Unit 1 Tech. Specs. Table 3.2-2. The redundant systems required by Tech. Specs. section 3.5.D.2 were operable. Plant operation was not affected by this event due to the fact that the HPCI turbine had been uncoupled from the pump and considered inoperable in order for the "HPCI MECHANICAL OVERSPEED TRIP" procedure to be performed. The unit was in a 14-day LCO per Tech. Specs. section 3.5.D.2 when the event occurred. The health and safety of the public were not affected by this non-repetitive event.

The cause of this event has been attributed to component failure. The ball, on the ball-tappet assembly, a component of the HPCI overspeed trip mechanism was discovered to be chipped. The ball tappet assembly was replaced. The "HPCI TURBINE MECHANICAL OVERSPEED TRIP" procedure was successfully completed and the HPCI turbine was returned to operable status on February 19, 1983.