



LER No.: 50-321/1982-071  
Licensee: Georgia Power Company  
Facility: Edwin I. Hatch  
Docket #: 50-321

Narrative Report  
for LER 50-321/1982-071

On August 31, 1982, with Unit 1 in run mode at 2256 MWt, personnel discovered that the primary containment atmosphere O2 concentration had exceeded Tech. Specs. requirements. Tech. Specs. 3.7.A.5.a requires that the primary containment atmosphere O2 concentration be less than 4% when primary coolant pressure is above 100 psig. The plant was placed in a 24-hour LCO. The health and safety of the public were not affected by this non-repetitive event.

The cause of this event was personnel error. Personnel failed to secure the standby gas treatment system while venting the drywell in sufficient time to prevent pressurization of the drywell relative to the torus. The drywell-torus D-P blower pumped air from the torus to drywell to maintain a positive pressure in the drywell relative to the torus. This subsequently caused the torus to depressurize and the reactor building to torus vacuum breakers to open. This allowed an inflow of outside oxygen-rich air to the torus. A feed and bleed of nitrogen and containment atmosphere, respectively, was initiated. Subsequently, the O2 concentration was restored to allowable levels, thus terminating the LCO on August 31, 1982. Personnel have been counseled as to the importance of monitoring primary plant conditions and adherence to Tech. Specs.