



LER #: 50-266/1080-045  
Licensee: Georgia Power Company  
Facility Name: Edwin I. Hatch  
Docket #: 50-266

Narrative Report  
for LER 50-266/1080-045

With the unit in cold shutdown, a leak rate test was performed on the ADS valves' air supply accumulator check valves in response to IR Bulletin 80-01. Results of this test were transmitted to the A/E for analysis. The A/E determined that the leakage rates that were found were unacceptable and that a loss of air supply could lead to ADS inoperability. The procedure that dealt with the operator's response to an air supply low pressure alarm did not address this possibility.

These accumulator/check valve subsystems have no direct backup systems. The air supply to the ADS valves can be obtained from the nitrogen inerting system or the instrument air system. Supply can be manually interchanged between these systems in under fifteen minutes. Both of these systems are seismic class I. No single failure mode exists which would result in a loss of air supply to the ADS valves. So the accumulator checkvalves should never be needed to retain air supply pressure.

The cause of this leakage is unknown at this time. Repair and/or replacement of these valves is in progress. They will all be installed and tested with satisfactory results prior to startup. Soft-seated valves are on order and will be installed during the next refueling outage. Leakage rates past the Unit 1 ADS air supply accumulator check valves is unknown at this time. A Unit 1 procedure has been revised to call for declaration of ADS inoperability upon an air supply low pressure alarm. The Unit 1 valves will be leak rate tested during the next cold shutdown of sufficient duration. This is a nonrepetitive occurrence. This event caused no threat to public health or safety.

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