



LER #: 50-221/1080-030  
Licensee: Georgia Power Company  
Facility Name: Edwin I. Hatch  
Docket #: 50-221

Narrative Report  
for LER 50-221/1080-030

During normal power operation, it was discovered that the PSW & RHR-SW pump motor's cooling water supply did not meet single failure criterion. This was evidenced in the cooling water supply line by the presence of a single pressure regulator which upon failure would terminate cooling water to the PSW & RHR-SW pumps potentially rendering them inoperable.

The cause of this event was due to an error in the design of the cooling water supply to the PSW and RHR-SW pump motor coolers. A loss of cooling water was not treated as a potential cause of failure for the associated pumps. As a result, divisional concerns were not considered in the initial design. Upon discovery of this potential mode of failure, immediate action was taken to make the pressure regulator a passive device and monitor the cooling water manually. An interim fix is in progress to create a divisional cooling water supply for the pump motor coolers from the PSW system. A permanent fix requiring each division of each system to supply cooling water to the division's associated pumps, similar to the present HNP-2 design, will be implemented during a scheduled refueling outage. This is not a repetitive occurrence. This event has been reported concerning 10CFR21 requirements by the architect-engineer.