

LER #: 50-366/1979-098, Rev. 1
Licensee: Georgia Power Company
Facility Name: Edwin I. Hatch
Docket #: 50-366

Narrative Report
for LER 50-366/1979-098, Rev. 1

Plant management was contacted on August 31, 1979, (circa) by the NSSS supplier in regards to possible cable separation irregularities within the HPCI system. NSSS supplier's concern stemmed from the discovery of such a problem at another BWR plant and they (i.e. NSSS supplier) requested Hatch to review cable routing of the HPCI inboard steam isolation valve (2E41-F002) for similar problems. On 9-2-79, at 1800 hours, plant engineering personnel confirmed the NSSS irregularities within the HPCI system after having investigated the problem. The Unit 2 reactor was at a steady state power of 2350 MWt at the time of problem confirmation.

At the time of the occurrence, Unit 1 was at a steady state power of 1892 MWt. Cable routing was reviewed and discrepancies were also found with HPCI inboard steam isolation valve control cable separation in that it also mixed with RCIC and ADS cables (Ref. LER 50-321/1979-076).

Immediate corrective action included notification of the architect-engineer about the cable separation problem. The A/E provided the design change information for proper cable separation. A Design Change Request (79-380) included re-routing of control cables for the inboard steam isolation valves for HPCI and RCIC system (providing cable separation for HPCI, RCIC, and ADS cables). Cause of this deviation is attributed to design error. Redundant systems were operable and capable of performing their intended functions.

The supplemental action included implementing DCR 79-380, which was completed on 8-22-81. The unit is now in full compliance with the requirements on HPCI/RCIC/ADS cable separation.