

LER #: 50-321/1981-084
Licensee: Georgia Power Company
Facility Name: Edwin I. Hatch
Docket #: 50-321

Narrative Report
for LER 50-321/1981-084

Approximately 0535 on 8-4-81, div. I Plant Service Water (PSW) system pressure was observed to be higher than normal. It was found that the drum of div. I PSW strainer P41-D103A had stopped rotating. This usually accompanies severe clogging of the strainer media. As a result, the self-cleaning backwash system of the strainer was inoperable. In an effort to prevent total stoppage of the strainer and loss of div. I service water, personnel were dispatched to the intake structure to attempt and clear the strainer. Manual reverse rotation of the strainer drum has in the past proved helpful in freeing the drum. In the process of doing this the drum drive-motor mounting studs were sheared rendering the strainer and div. I of Plant Service Water inoperable. A 7 day LCO was declared per Tech Specs 3.5.J. The motor mounting studs were replaced, the strainer drum was freed and div. I service water was returned to service at approximately 1000. Due to the small operating clearance between strainer drum and body, it is not unusual for the drum to bind against the body whenever in climate weather conditions prevail that cause an abnormal amount of debris in the river water. This in fact, was what precipitated this strainer problem. At approximately 1145 of the same day, the same symptoms were again noted on div. I PSW and the strainer drum was again found stuck. Plant Service Water pumps P41-C001A&C were secured, however, efforts to free the strainer drum were unsuccessful and div. I service water was declared inop. A 7 day LCO was declared (Tech Specs 3.5.J). The strainer was disassembled for cleaning and inspection. The drum vertical positioning was found to be out of adjustment due to loosening of the lock nuts. This caused excessive friction between the drum and the body, eventually tripping the drum drive-motor. Strainer filter media was cleaned and the drum was properly positioned inside the body. The strainer was checked for proper operation upon reassembly, and div. I returned to service. This is a non-repetitive occurrence. This RO covers deviation reports 1-81-179 and 1-81-180. There were no effects upon public health or safety due to this event. The unit is now in full compliance and no further reporting is required.