LICENSEE EVENT REPORT
CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)
0 1 G A E I H 1 2 0 0 - 0 0 0 0 - 0 0 3 4 1 1 1 1 1 4 5 6 7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58
CON'T  O 1  REPORT LL 6 0 5 0 0 0 3 2 1 7 0 7 1 3 8 1 8 0 7 3 0 8 1 9  EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10  O 2 0 7 1 3 8 1 8 0 7 3 0 8 1 9  EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10
[0]3]   tance criteria for total dynamic head in accordance with surveillance
o 4   procedure HNP-1-3182, Plant Service Water Pump Operability. Tech Specs
ossistance requirements 4.5.J.2.b were immediately executed and a 30-
Ol6   day LCO declared. This is a repetitive event last reported by LER 50-
[0] 7   321/1980-025. There were no effects upon public health and safety due
OB to this event.
SYSTEM CAUSE CODE SUBCODE COMPONENT CODE SUBCODE SUBCO
LER/RO EVENT YEAR SEQUENTIAL REPORT NO.  17 REPORT NUMBER 21 22 23 24 26 27 28 29 30 31 32 20 32 ATTACHMENT FORM SUBMITTED FORM SUB. SUPPLIER MAI. FACTURER  C 18 Z 19 Z 20 Z 21 Q 0 0 0 0 0 Y 2 20 Y 20 Y 20 Y 20 Y 20
The pump was removed and a rebuilt unit substituted. Inspection of the
[1]   removed pump revealed wear and erosion consistent with units operating
in similar environments at end of normal life cycle. The sytem was
retested successfully, and the unit is now in full compliance; no fur-
14 Lther action is required.
THE STATUS SPOWER OTHER STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32    1   5   E   28   0   9   6   29   NA   B   31   Pump Operability Surveillance   80
ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY 35  1 6 Z 33 Z 34 NA  NA  PERSONNEL EXPOSURES  AMOUNT OF ACTIVITY 35  NA  44  45  LOCATION OF RELEASE 36  NA  80
1 7 0 0 0 37 Z 38 NA
PERSONNEL INJURIES NUMBER DESCRIPTION (41)
1 8 0 0 0 40 NA  7 8 9 11 12 LOSS OF OR DAMAGE TO FACILITY (43)
TYPE DESCRIPTION NA NA
9 B 9 10 PUBLICITY ISSUED DESCRIPTION 45 NRC USE ONLY
[2] O N (44) NA
8108100218 810730 PDR ADOCK 05000321 PDR ADOCK 05000321 PDR DR ER C. L. Coggin, Supt. Plt. Eng. Serv. PHONE: 912-367-7851

LER #: 50-321/1981-079

Licensee: Georgia Power Company Facility Name: Edwin I. Hatch

Docket #: 50-321

## Narrative Report for LER 50-321/1981-079

On 6-22-81, during normal operation pump P41-C001C failed to meet acceptance criteria for total dynamic head in accordance with surveillance procedure HNP-1-3182, Plant Service Water Pump Operability. Surveillance was being performed at more frequent intervals on this pump as required by HNP-1-3182 due to decreasing performance. Tech Specs surveillance requirements 4.5.J.2.b were immediately executed and a 30-day LC0 declared.

The pump was removed and a rebuilt unit substituted. Inspection of the removed pump revealed that the suction-bowl seal ring had broken loose from the bowl and was fastened around the suction-impeller seal ring. This was caused by the high sand content of the pumped fluid. Normally there is .026 - .030 inches clearance between the seal rings. In addition, excessive wear was found at the pump shaft bearing surfaces. Accelerated deterioration of river water pumps at the site is anticipated due to the erosive nature of the Altamaha river water. This pump had been serviced 3 years earlier, thus exhibiting a normal pump life cycle.

The plant service water pump operability procedure was reperformed with satisfactory results. This is a repetitive event last reported by LER 50-321/1980-026. There were no effects upon public health and safety due to this event. The unit is now in full compliance, and no further action is required.