

CONTROL BLOCK: | | | | | | | ① (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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CON'TREPORT
SOURCE

REPORT SOURCE: 01 L 6 0 5 0 0 0 3 2 1 7 0 8 0 4 8 1 8 0 8 2 7 8 1 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On 8-4-81, the Div. I Plant Service Water (PSW) strainer P41-D103A was
03 found clogged. In an effort to clear the strainer, personnel inadver-
04 tantly damaged the strainer drum drive-motor, disabling the strainer.
05 The strainer was repaired and returned to service. Two hours later the
06 strainer became clogged again. Efforts to clear the strainer were un-
07 successful. A 7-day LCO was declared per T.S. 3.5.J. This is a non-repe-
08 titive event. There were no effects upon public health or safety.

09		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE			
0	9	W	A	E	B	F	I	L	T	E	R	Z	Z				
7	8	9	10	11	12	13	14	15	16	17	18	19	20				
LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.							
17	8	1	—	0	8	4	—	0	3	L	—	0					
21	22	23	24	25	26	27	28	29	30	31	32						
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
B	Z	Z	Z	0	0	0	0	Y	N	A	K	1	4	3			
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47			

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The strainer was disassembled for cleaning and inspection. The strainer
1 1 drum vertical positioning was found to be out of adjustment. This
1 2 caused excessive friction between the drum and the body. The drum was
1 3 properly adjusted, and PSW Div. I was returned to service. The unit is
1 4 now in full compliance and no further action or reporting is required.

FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION

1 5 E (28) 0 9 5 (29) NA A (31) Operator Observation (32)

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 Z 33 Z 34

7 8 9 10 11

AMOUNT OF ACTIVITY (35)

NA

44

LOCATION OF RELEASE (36)

NA

45 80

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37)	Z	(38)	NA	(39)

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	R	0	0	0	40 NA

TYPE		DESCRIPTION	(43)
1	9	(42) NA	

PUBLICITY
 ISSUED DESCRIPTION (45) 8109090508 810827
 PDR ADQCK 05000321 NRC USE ONLY
 S PDR
 2 0 N 44 NA
 7 8 9 10 68 69 80

NAME OF PREPARER C. L. Coggin - Supt. Plt. Eng. Serv.

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NRC USE ONLY

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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 inclement 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.