

CONTROL BLOCK:

						(1)
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0	1	G	A	E	I	H	2	2	0	0	-	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5					
7	8	LICENSEE CODE						14	15	LICENSE NUMBER										25	26	LICENSE TYPE					30	57	CAT	58			59

0	1	REPORT SOURCE										DOCKET NUMBER										EVENT DATE										REPORT DATE									
7	8	L	6	0	5	0	0	0	3	6	6	7	0	8	1	3	8	2	8	0	9	0	9	8	2	9															
		60	61	DOCKET NUMBER										68	69	EVENT DATE										74	75	REPORT DATE										80			

02 With Unit 2 operating steady-state at 2337 MWt, the "RHR Service Water
03 Pump Operability" procedure was performed as per TS 4.7.1.1.b. RHRSW
04 Pumps "A" and "C" were declared inoperable (DR 2-82-204) as a result of
05 their failure to meet minimum flow requirements. A 72-hour LCO was
06 initiated as per TS 3.7.1.1 Action a.3. After adjusting the flow control
07 valve, a second attempt at the procedure failed (DR 2-82-205). This event
08 is non-repetitive. The health and safety of the public were not affected.

09		SYSTEM CODE		CAUSE CODE		CAUSE SURCODE		COMPONENT CODE						COMP. SUBCODE		VALVE SUBCODE	
0	9	W	A	E	B	X	X	X	X	X	X	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	2	—	0	8	5	—	0	3	L	—	0					
21	22	23	24	25	26	27	28	29	30	31	32						
ACTION TAKEN		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER			
A	X	Z	Z	0	0	0	0	Y	N	A	F	1	3	0			
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47			

1 0 The cause of these events was the failure of the cavitrol trim (an anti-
1 1 cavitation device). The device was found to have both broken and bent
1 2 tubes which restricted flow. A similar failure on loop B was reported on
1 3 RO 50-366/1982-098. An engineering study has been initiated to find the
1 4 causes. An update LER will be submitted upon completion of the study.

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION				
1	5	E	28	0	9	6	29	NA	B	31	Performance Test	32

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)

1 6 Z 33 Z 34 NA NA

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	000	(37) Z	(38) NA (39)					

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	8	0	0	0	40 NA

1		2		3		4		5		6		7		8		9		10		11		12	
LOSS OF OR DAMAGE TO FACILITY										(43)													
TYPE										DESCRIPTION													
1		9		7		(42)		NA															
2		8		9		10		8209200300 820909 PDR ADPOCK 05000244															

PUBLICITY
ISSUED DESCRIPTION NA

NAME OF PREPARER S. B. Tipps

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LER No.: 50-366/1982-085
Licensee: Georgia Power Company
Facility: Edwin I. Hatch
Docket #: 50-366

Narrative Report
for LER 50-366/1982-085

With Unit 2 operating steady-state at 2337 MWt, the "RHR Service Water Pump Operability" procedure was performed as required by Tech. Specs. 4.7.1.1.b. The "A" and "C" Residual Heat Removal Service Water (RHRSW) pumps were declared inoperable (DR 2-82-204) as a result of their failure to meet minimum flow requirements. Tech. Specs. 3.7.1.1 states that two independent RHRSW system subsystems shall be operable. Since each RHRSW subsystem contains two pumps, and the "A" and "C" pumps are both in RHRSW subsystem Loop "A", that subsystem was declared inoperable. A 72-hour limiting condition of operation (LCO) was initiated as per Tech. Specs. 3.7.1.1 Action a.3. After attempting to adjust the "A" loop RHRSW heat exchanger outlet valve, the "RHR Service Water Pump Operability" procedure was attempted and still showed unsatisfactory results (DR 2-82-205). The health and safety of the public were not affected. This event is not repetitive.

The cause of these events was the failure of the cavitrol trim (an anti-cavitation device) on the downstream side of the flow control valve in the outlet of the "A" loop RHRSW heat exchanger. The device was found to have both broken and bent tubes which restricted flow.

A similar failure of the same device in the "B" loop was reported on Reportable Occurrence Report No. 50-366/1981-098. Unit 1, due to the use of a different flow control valve, does not require the use of the cavitrol trim. An engineering study has been initiated to investigate the cause of these occurrences. An update LER will be submitted upon completion of the study.