NRC FOS (7-77)		U. S. NUCLEAR REGULATORY COMMISSION JPDATE REPORT - PREVIOUS
		REPORT DATE 8/6/80
		E ALL REQUIRED INFORMATION
7 8	G A E I H 2 2 0 0 - 0 0 0 0 - 0 0 3 0 3 0 3 0 0 0 0 0	4 1 1 1 1 1 4 57 CAT 58 5
0 1 7 8	SOURCE L 6 0 5 0 0 0 3 6 6 7 0 6 1 3 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1	0 8 0 2 0 3 8 3 9 75 REPORT DATE 80
0 2	During routine surveillance required by Tech. Sp	becs. 4.6.4.1.a, the "B"
0 3	torus to drywell vacuum breaker would not open.	The required surveil-
04	lance on the operable vacuum breakers was perfor	med immediately per
0 5	Tech. Specs. 3.6.4.1, ACTION a. The health and	safety of the public
0 6	were not affected by this repetitive event as la	ast reported on LER No.
G 7	50-366/1980-062.	
0 8		80
0 9 7 8	SYSTEM CAUSE CODE SUBCODE COMPONENT CODE S A 11 E 12 B 13 V A L V E X 14	SUBCODE SUBCODE X 15 C 16
		REPORT TYPE NO. 23 30 31 32 PRU-4 PRIME COMP. COMPONENT MANUFACTURER
	A 18 A 19 Z 20 Z 21 0 0 0 1 0 Y 23 CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)	$\frac{N}{2}$ $\frac{24}{43}$ $\frac{N}{43}$ $\frac{25}{44}$ $\frac{G}{47}$ $\frac{2}{47}$ $\frac{10}{47}$
1 0	When personnel were able to enter the torus on	7/27/80, the air supply
11	line to the air cylinder of the "B" vacuum break	ker was found broken. The
1 2	[air supply line and the air control valve were	ceplaced. The "B" vacuum J
1 3	breaker was then satisfactorily tested and return	ened to service on
1 4	7/29/80. A design change to replace the air line	es was initiated in 8/80.
1 5 F	ACILITY STATUS OTHER STATUS 30 METHOD OF DISCOVERY DISCOVERY NA B 31 Surveillar	DISCOVERY DESCRIPTION (32)
1 6 RE	CTIVITY CONTENT ELEASED OF RELEASE AMOUNT OF ACTIVITY 35 Z 33 Z 34 NA NA NA 45	LOCATION OF RELEASE (36)
1 7	NUMBER OF OF OFFICE OF OFFICE OF OFFICE OF OFFICE OF OFFICE OFFICE OF OFFICE OF	80
1 8	NUMBER DESCRIPTION (41) NA	80
1 9	LOSS OF OR DAMAGE TO FACILITY 43 TYPE DESCRIPTION NA	
8	9 10 8302150210 830203 PUBLICITY PDR ADOCK 05000366	NRC USE ONLY
2 0	SSUED NA PDR	68 69 80 5
	NAME OF PREPARER S. B. Tipps	HONE (912) 367-7851

LER No.: 50-366/1980-094, Rev. 2 Licensee: Georgia Power Company

Facility: Edwin I. Hatch

Docket #: 50-366

Narrative Report for LER 50-366/1980-094, Revision 2 Update Report - Previous Report Date 8/6/80

On June 13, 1980, with the reactor at 100% power, and during the performance of routine surveillance (required by Tech. Specs. 4.6.4.1.a) on the suppression chamber (torus) to drywell vacuum breakers, the "B" vacuum breaker failed to open. The required surveillance was immediately performed on the operable vacuum breakers per Tech. Specs. 3.6.4.1, ACTION a. The health and safety of the public were not affected by this repetitive event as last reported on LER No. 50-366/1980-062.

When personnel were able to enter the torus on July 27, 1980, they discovered that the air supply line to the air cylinder of the "B" vacuum breaker was broken. The broken air line and the air control valve were replaced. The "B" vacuum breaker was then satisfactorily tested per the "SUPPRESSION CHAMBER TO DRYWELL VACUUM BREAKER DELTA P TEST" procedure and returned to service on July 29, 1980.

For other vacuum breaker problems discovered during this outage, refer to LER No. 50-366/1980-108.

Although the "B" vacuum breaker could not be proven operable by surveillance testing due to the problems with the air cylinder, the mechanical operation of the vacuum breaker was not impaired. The vacuum breaker would have performed its designed function if an actual differential pressure had occurred between the drywell and suppression chamber.

Further investigation attributed the breakage of the air supply line(s) to vibration. In August, 1980, a design change (DCR #80-289) was initiated which will change the existing air supply line (tubing) for all the torus to drywell vacuum breaker air control valves to a flexible tubing which will withstand the ambient vibration.