

~~CONFIDENTIAL EXPORT COMMISSION~~

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 G A E I H 1 2 0 0 0 0 0 0 0 0 0 0 0 0 3 4 1 1 1 1 4 5  
7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 37 CAT 38  
T  
0 1 REPORT SOURCE L 5 0 5 0 0 0 3 2 1 7 0 8 2 7 7 9 8 0 9 1 4 7 9 9  
7 8 60 61 DOCKET NUMBER 63 64 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

012 During startup operations at about 80 MWt, the hydrogen gas concentration, measured  
013 downstream of the recombiners, exceeded the Tech Spec Appendix B Section 2.1.3.h limit  
014 of 4%. The hydrogen level was greater than 4% for approximately 30 minutes before  
015 returning to normal. Another event of this type occurred on 9-11-79 at 1586 MWt  
016 (494 MWe). The hydrogen level for this event was greater than 4% for approximately 15  
017 minutes before returning to normal. There were no effects upon the public health  
018 and safety due to these events.

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SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE			
M B 11		A 12		Z 13		R E I C O M B 14				Z 15		Z 16			
EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.							
17 9		0 7 0		0 3		L		0							
ACTION TAKEN		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
X 18 X 19		Z 20		Z 21		0 0 0 0		1 22		N 23		N 24		C 1 6 5 25	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

110 The probable cause for the event on 8-27-79 was that, while trying to place 1 B SJAE  
111 in service, water in the off gas piping entered the recombiners, thus reducing their  
112 recombining capability. The probable cause for the event on 9-11-79 was that a slug  
113 of water in the off gas system reduced the temperature in the preheater and recombiner,  
114 thus reducing the recombining capability. G.E. and Bechtel representatives have reviewed

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FACILITY STATUS (28) 0 0 3 (29) NA (30) OTHER STATUS

METHOD OF DISCOVERY (31) A Operator Observation (32) DISCOVERY DESCRIPTION

ACTIVITY CONTENT (33) 7 (34) 7 (35) AMOUNT OF ACTIVITY NA

RELEASED OF RELEASE (36) LOCATION OF RELEASE NA

PERSONNEL EXPOSURES (37) 0 0 0 (38) Z (39) DESCRIPTION NA

PERSONNEL INJURIES (40) 0 0 0 (41) DESCRIPTION NA

LOSS OF OR DAMAGE TO FACILITY (42) 7 (43) DESCRIPTION NA

PUBLICITY (44) N (45) DESCRIPTION NA

ISSUED (46) N (47) DESCRIPTION NA

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NRC USE ONLY

Georgia Power Company  
Plant E. I. Hatcher  
Baxley, Georgia

Reportable Occurrence Report Number 50-321/1979-070

Cause Description and Corrective Actions continued

the design and operating characteristics of the off gas system and have made specific recommendations. A design change request will be initiated in response to these recommendations. The operating procedures and operator training for the equipment are undergoing review and will be revised as necessary.

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