

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

0	1
7	8

REPORT SOURCE

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 With Unit 1 in refueling the AE was performing a piping support walk-
03 down per IEB 79-14. Clamps on two safety-relief valve discharge line
04 ramsheads were found to be broken. No significant occurrence took place
05 as a result of this event. Unit 2 was not affected by this event. This
06 is a nonrepetitive occurrence. Other supports on these lines were found
07 to be intact. This event posed no threat to public health or safety.
08

09		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE	
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
		S	F	B	A	S	U	P	O	R	T	B	Z		
LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.					
23	24	25	26	27	28	29	30	31	32	33	34				
17	8	1	0	2	1	0	1	T	0						
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED					
35	36	37	38	39	40	41	42	43	44	45	46				
Z	F	Z	Z	0	0	0	0	Y	N	A	C				
18	19	20	21	22	23	24	25	26	27	28	29				

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause of this event were fatigue and stress corrosion. The AE is in
1 1 the process of redesigning these supports. This modification will be
1 2 implemented prior to unit startup. An update report will be submitted
1 3 once this modification is complete.
1 4

8 9
FACILITY STATUS
1 5 H 28
7 8 9
% POWER
0 0 0 29
10 11 12 13
OTHER STATUS 30
NA
44
METHOD OF DISCOVERY
D 31
45 46
DISCOVERY DESCRIPTION 32
IEB 79-14 walkdown
80

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

1 6 Z 33 Z 34 NA NA

7 8 9 10 11 44 45 80

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	2	0	0	0	(37)	Z	(38)	NA	
7	8	9	10	11	12	13	14	15	16

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	2	0	0	0	41 NA

TYPE		DESCRIPTION	
1	9	Z	NA

PUBLCITY										NRC USE ONLY									
ISSUED		DESCRIPTION																	
2	0	N	(44)	NA															
7	8	9	10	8104030 F10						68 69 80									

NAME OF PREPARER C. I. Coggin, Supt. Plt. Eng. Serv.

PHONE: 912-367-7851

LER #: 50-321/1981-021
Licensee: Georgia Power Company
Facility Name: Edwin I. Hatch
Docket #: 50-321

Narrative Report
for LER 50-321/1981-021

With Unit 1 in refueling the AE was performing a walkdown of pipe supports inside the torus per the requirements of IEB 79-14. During this walkdown it was noted that clamps on two safety/relief valve discharge line ramsheads were broken at the lower bolt location. These clamps are standard two-piece strap clamps bolted at top and bottom and connected to structural tees which are in turn connected to the torus ring girders. There are two clamps on each ramshead, one clamp for each arm. On the ramshead from valve B21-F013A one strap of one clamp was found broken. On the ramshead from valve B21-F013B, one strap of each clamp was found broken. Engineers from the AE were called in to inspect all ramshead supports and discharge lines and to determine the cause for failure. Clamps on all other ramsheads showed signs of stress at the same bolt location at which failure occurred on ramsheads A and B. No damage to discharge lines or their supports and was found.

The AE determined that these failures were caused by fatigue and accelerated by corrosion at the bolt location. The AE is in the process of redesigning these supports. These supports will be modified per AE recommendations prior to unit start-up. An update report will be submitted once this modification is complete.

Unit 2 was not affected by this event. The ramshead supports on Unit 2 are of a totally different design. No significant occurrence took place as a result of this event. This is a nonrepetitive occurrence. This event posed no threat to public health or safety.