

LICENSEE EVENT REPORT

CONTROL BLOCK:

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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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7	8	9	LICENSEE CODE						14	15	LICENSE NUMBER										25	26	LICENSE TYPE					30	57	CAT SR		

CON'T

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7 8

REPORT SOURCE 1 6 0 5 0 0 0 3 2 1 7 0 5 1 4 8 1 8 0 5 2 7 8 1 9
60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 With Unit 1 shutdown for refueling/torus modification on 5-14-81, at 10:00 the site was notified by the AE that the vendor load allowables would be exceeded on the RCIC steam nozzles during a design basis accident and the CRD hydraulic line supports do not satisfy design requirements. These are reportable under Tech Specs section 6.9.1.8.i. There were no effects upon public health and safety due to this event. This is a nonrepetitive event for these nozzles and CRD lines.

SYSTEM CODE C E 11		CAUSE CODE B 12		CAUSE SUBCODE A 13		COMPONENT CODE T U R B I N 14		COMP. SUBCODE Z 15		VALVE SUBCODE Z 16	
EVENT YEAR 8 1		SEQUENTIAL REPORT NO. 0 3 2		OCCURRENCE CODE 0 1		REPORT TYPE T		REVISION NO. 0		ACTION TAKEN F 18	
FUTURE ACTION Z 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0		ATTACHMENT SUBMITTED Y 23		NPRD-4 FORM SUB. Y 24	
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27		PRIME COMP. SUPPLIER N 25		COMPONENT MANUFACTURER T 1 4 7 26							

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause of the event was error in the design of the systems pipe sup-
1 1 ports by the AE. Modifications to the pipe supports on both systems
1 2 will satisfy the design requirements. Unit 2 RCIC supports were mod-
1 3 ified during the last refueling outage, and the analysis of the CRD
1 4 system shows no deficiencies. Modification will be complete before startup.

7		8		9								80					
		FACILITY STATUS		% POWER			OTHER STATUS (30)			METHOD OF DISCOVERY		DISCOVERY DESCRIPTION (32)					
[1]	[5]	[H]	(28)	[0]	[0]	[0]	(29)	NA			[D]	(31)	Notification from AE				
2		8		9		10		11		44		45		46		60	

ACTIVITY CONTENT
RELEASED OF RELEASE

1	6	7	33	7	14
2	6	1	10	11	44

AMOUNT OF ACTIVITY (35) NA

LOCATION OF RELEASE (36) NA

PERSONNEL EXPOSURES										
NUMBER			TYPE	DESCRIPTION						
1	2	0	0	0	37	7	38	NA		

PERSONNEL INJURIES		DESCRIPTION	
NUMBER			
1	0	0	0
40	NA		

1		2		3		4		5		6		7		8		9		10		11		12	
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[illegible]

NRC USE ONLY

NAME OF THE PARTY C. L. Coggin, Supt. Plt. Eng. Serv.

PHONE 912-357-7851

810608-470

LER #: 50-321/1981-032
Licensee: Georgia Power Company
Facility Name: Edwin I. Hatch
Docket #: 50-321

Narrative Report
for LER 50-321/1981-032

On 5-14-81, at 10:00, with Unit 1 shutdown for the refueling/torus modification outage, the AE notified the site that their reanalysis of as built piping as per IEB 79-14 requirements indicated that during a design basis accident the ratio of actual to vendor allowable loads are 5.41 inlet and 2.15 exhaust. Both of these ratios are higher than the current "Analysis of Record" values of 2.645 inlet and 1.769 exhaust.

The cause of the increase in the ratios is due to the geometry and support changes between as-built and as-designed configurations with a high degree of nozzle load sensitivity to design changes.

A dye penetrant test was performed on the RCIC turbine nozzles, and the results were acceptable.

Subsequently, the AE issued a PDCR to modify the RCIC steam supply and exhaust pipe routing and RCIC pipe supports. These changes will bring the loads on the nozzles during a DBA within vendor allowables. Modification of the system will be completed before Unit 1 startup.

Unit 2 RCIC pipe supports were modified during the past Unit 2 refueling outage to the loads within vendor allowables for DBA conditions.

Also on 5-14-81, at 10:00, Bechtel Power Corporation informed Plant Hatch that as a result of a piping support walkdown conducted as a result of IEB 79-14, many control rod drive (CRD) hydraulic line supports were found to not satisfy design requirements. All affected CRD piping supports have been analyzed and modifications to these CRD supports have begun. The supports that need to be modified will be modified before Unit 1 startup.

This event was reportable under Tech Specs 6.9.1.8.2. There were no effects on public health and safety due to this event. This is a nonrepetitive event for these RCIC nozzles and CRD lines.