NRC FORM 366
(7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

Update Report
Previous Report Date 3-26-81

CONTROL BLOCK: | | | | | | | (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1	LICENSEE CODE: G A E I H 1 (2)	LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 (3)	LICENSE TYPE: 4 1 1 1 1 (4)	CAT: (5)	
CON'T 0 1	REPORT SOURCE: L (6)	DOCKET NUMBER: 0 5 0 0 0 3 2 1 (7)	EVENT DATE: 0 3 1 1 8 1 (8)	REPORT DATE: 0 3 1 0 8 3 (9)	

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 On 3-10-81, with Unit 1 shutdown for a refueling/torus modification out-
0 3 age, cracks in the concrete wall around the base plate of beam B2 in the
0 4 northeast diagonal were discovered. Plant operation is not affected as a
0 5 result of this event. The health and safety of the public were not
0 6 affected by this non-repetitive event.
0 7
0 8

0 9	SYSTEM CODE: Z Z (11)	CAUSE CODE: B (12)	CAUSE SUBCODE: C (13)	COMPONENT CODE: X X X X X X (14)	COMP. SUBCODE: Z (15)	VALVE SUBCODE: Z (16)

(17) LER/RO REPORT NUMBER: EVENT YEAR: 8 1 | — | SEQUENTIAL REPORT NO.: 0 1 8 | / | OCCURRENCE CODE: 0 1 | REPORT TYPE: X | — | REVISION NO.: 1

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
Z (18)	X (19)	Z (20)	Z (21)	0 0 0 0	Y (23)	N (24)	Z (25)	Z 9 9 9 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause of the cracking around the base plate is unknown. The AE
1 1 assumed that the concrete cracks developed as a result of high thermal
1 2 stresses in the beam and volume changes in the concrete which may have
1 3 weakened the support connection. As a precautionary action, the B2 beam
1 4 has been resupported with additional support steel.

1 5	FACILITY STATUS: H (28)	% POWER: 0 0 0 (29)	OTHER STATUS (30): NA	METHOD OF DISCOVERY: A (31)	DISCOVERY DESCRIPTION (32): Site Personnel Observation
1 6	ACTIVITY RELEASED: Z (33)	CONTENT OF RELEASE: Z (34)	AMOUNT OF ACTIVITY (35): NA		LOCATION OF RELEASE (36): NA

PERSONNEL EXPOSURES
1 7 NUMBER: 0 0 0 (37) TYPE: Z (38) DESCRIPTION (39): NA

PERSONNEL INJURIES
1 8 NUMBER: 0 0 0 (40) DESCRIPTION (41): NA

LOSS OF OR DAMAGE TO FACILITY (43)
1 9 TYPE: Z (42) DESCRIPTION: NA

PUBLICITY
2 0 ISSUED: N (44) DESCRIPTION (45): NA

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NRC USE ONLY

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GPO 917-924

LER #: 50-321/1981-018, Rev. 1
Licensee: Georgia Power Company
Facility Name: Edwin I. Hatch
Docket #: 50-321

Narrative Report
for LER 50-321/1981-018, Rev. 1
Update Report - Previous Report Date 3-26-81

On 3-10-81, with Unit 1 in cold shutdown for the torus modification/refueling outage, personnel in the N.E. diagonal on the 118'-0" elevation noticed the concrete cracking on the north wall of the N.E. diagonal around the base plate region of beam B2. The beam is used to support one end of an RHR snubber on the B loop RHR heat exchanger shell side inlet line. Plant operation was not affected as a result of this event. The health and safety of the public were not affected by this non-repetitive event.

An evaluation was performed by the AE and the reason for these cracks developing and depth of the cracks is unknown. It was assumed that the concrete cracks developed as a result of high thermal stresses in the beam and volume changes in the concrete which may have weakened the support connection. As a precautionary action, the beam was resupported using alternate support steel and enlarging by 1/8" the bolt holes in the existing clip angles to accomodate movement of the beam due to temperature changes. These modifications were completed on 2-28-82 prior to unit startup.