NRC FORM 366
(7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

CONTROL BLOCK: (1) (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 (3) | 4 1 1 1 1 (4) | (5)

LICENSEE CODE | LICENSE NUMBER | LICENSE TYPE | CAT

CON'T

0 1 | REPORT SOURCE L (6) | 0 5 0 0 0 3 2 1 (7) | 0 1 2 6 8 3 (8) | 0 2 2 4 8 3 (9)

DOCKET NUMBER | EVENT DATE | REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During a refueling outage with the unit in cold shutdown, performance of

0 3 | "D/G LOCA/LOSP SURVEILLANCE TEST" procedure was in progress on 1A diesel

0 4 | generator. PSW turbine building isolation valves A&D failed to isolate

0 5 | as required by T.S. 4.5.J.1. Furthermore, PSW pump 1A failed to start

0 6 | as required during the simulated LOCA/LOSP event (T.S. 4.5.J.1). The

0 7 | other division of ECCS was operable. The health and safety of the public

0 8 | were not affected by this non-repetitive event.

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

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 3	—	0 0 6	/	0 3	L	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
X (18)	Z (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 reason for the PSW valves not isolating was a disconnected control

1 1 | wire lifted for unknown reasons. The PSW pump did not start due to D/G

1 2 | loading timer setpoint drift. The wire was reconnected, the loading tim-

1 3 | er was readjusted and the applicable portions of the surveillance test

1 4 | were executed successfully.

FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
1 5	H (28)	0 0 0 (29)	NA	B (31)	Performance of Surveillance Test

ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
1 6	Z (33)	Z (34)	NA	NA

PERSONNEL EXPOSURES

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

PERSONNEL INJURIES

NUMBER	DESCRIPTION (41)
1 8	0 0 0 (40)	NA

LOSS OF OR DAMAGE TO FACILITY

TYPE	DESCRIPTION (43)
1 9	Z (42)	NA

8303150456 830224
PDR ADOCK 05000321
S PDR

PUBLICITY

ISSUED	DESCRIPTION (45)	NRC USE ONLY
2 0	N (44)	NA

NAME OF PREPARER H. L. Sumner - Supt. Plt. Eng. Serv. PHONE: 912-367-7851

GPO 917-926

LER #: 50-321/1983-006
Licensee: Georgia Power Company
Facility Name: Edwin I. Hatch
Docket #: 50-321

Narrative Report
for LER 50-321/1983-006

On 1-26-83, with the unit in cold shutdown for a refueling outage, performance of "D/G LOCA/LOSP SURVEILLANCE TEST" procedure was in progress on 1A diesel generator. During simulation of a LOCA event the Plant Service Water (PSW) turbine building isolation valves did not close. Tech. Specs. (T.S.) requirements of 4.5.J.1 could not be fulfilled (Deviation Report 1-83-24). Investigation revealed a control wire was disconnected. No reason could be found for the lifted wire. The wire was reconnected and the portion of the surveillance test applicable to the PSW isolation valves was reperformed satisfactorily.

On 1-27-83, an LOSP condition was simulated on the 1E 4160V emergency bus in accordance with the "D/G LOCA/LOSP SURVEILLANCE TEST" procedure. The 1A PSW pump failed to start in the proper time interval (T.S. 4.5.J.1) and Deviation Report 1-83-26 was written. It was found that the diesel generator 1A LOSP loading timer contact which allows the 1A PSW pump to start was misadjusted preventing the pump breaker from closing. After the loading timer was adjusted properly, the 1A PSW pump tied to the emergency bus within its allowed time limits. It cannot be positively determined why the timer contact shifted. The contact setscrew was found loose so it's probable that after several timing and reset cycles the setscrew slipped enough to prevent the pump from starting.

In the course of investigating the failure of PSW pump 1A to start, the reset mechanism of the LOCA timer for 1A D/G was found to be inoperative. T.S. 4.9.A.7.C.1 could not be met (Deviation Report 1-83-29). Additional troubleshooting revealed that both clutch reset coils were burned out. Binding in the timer reset mechanism caused by heavy dust accumulation inside the timer panel forced the coils to be continuously energized eventually burning them out. The coils were replaced and the timer was functionally tested during performance of the "D/G LOCA/LOSP SURVEILLANCE TEST". The health and safety of the public were not affected by this non-repetitive event.

Surveillance testing for the 1E 4160V emergency bus was continued and completed without any further problems with the loading timers.