NRC FORM 366
(7-77)

U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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

01 FLSL S7 (2) 00-000000-00 (3) 4 7 7 7 7 (4) (5)
LICENSEE CODE — LICENSE NUMBER — LICENSE TYPE — CAT

CON'T
01 REPORT SOURCE L (6) 0 5 0 0 0 3 3 5 (7) 0 5 1 4 7 8 (8) 0 6 1 3 7 8 (9)
DOCKET NUMBER — EVENT DATE — REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 Improper switching at the Pratt & Whitney Substation, combined with
03 incorrect wiring of protective relays at the Midway Substation, led to
04 the deenergization of the Midway Substation. This resulted in the loss
05 of off-site power to the St. Lucie Plant for about 8-1/4 minutes. One
06 on-site diesel generator was out of service for maintenance. The remain-
07 diesel generator started automatically and provided shutdown power until
08 off-site power was restored.

09 SYSTEM CODE FA (11) CAUSE CODE X (12) CAUSE SUBCODE Z (13) COMPONENT CODE CKTBRK (14) COMP. SUBCODE F (15) VALVE SUBCODE Z (16)

(17) LER/RO REPORT NUMBER: EVENT YEAR 78 — SEQUENTIAL REPORT NO. 017 — OCCURRENCE CODE 03 — REPORT TYPE L — REVISION NO. 0

ACTION TAKEN A (18) FUTURE ACTION G (19) EFFECT ON PLANT Z (20) SHUTDOWN METHOD Z (21) HOURS (22) 0000 ATTACHMENT SUBMITTED Y (23) NPRD-4 FORMSUB. N (24) PRIME COMP. SUPPLIER L (25) COMPONENT MANUFACTURER G0810 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The cause was improper switching at the Pratt & Whitney Substation com-
11 bined with incorrect wiring of both 240/138 kV autotransformer polarizing
12 CT circuits at the Midway Substation. The incorrect wiring has been
13 corrected, and appropriate personnel have been advised of the cause and
14 corrective action for this occurrence.

15 FACILITY STATUS H (28) % POWER 000 (29) OTHER STATUS (30) NA METHOD OF DISCOVERY A (31) DISCOVERY DESCRIPTION (32) Operator Observation

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

17 PERSONNEL EXPOSURES NUMBER 000 (37) TYPE Z (38) DESCRIPTION (39) NA

18 PERSONNEL INJURIES NUMBER 000 (40) DESCRIPTION (41) NA

19 LOSS OF OR DAMAGE TO FACILITY TYPE Z (42) DESCRIPTION (43) NA

20 PUBLICITY ISSUED N (44) DESCRIPTION (45) NA NRC USE ONLY

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