NRC FORM 366
(7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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

01 | FLTPS4 (2) | 00-000000-00 (3) | 4111111 (4) | (5)
LICENSEE CODE — LICENSE NUMBER — LICENSE TYPE — CAT

CON'T
01 | REPORT SOURCE X (6) | 05000257 (7) | 032478 (8) | 040778 (9)
DOCKET NUMBER — EVENT DATE — REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 FPL was notified by the NSSS vendor that a logic inconsistency had been
03 identified in the NRC approved 10 CFR 50.46 Appendix K, ECCS evaluation
04 model. Resolution of the logic inconsistency could result in an adjust-
05 ment to allowable hot channel factors. This matter is under review by
06 the NSSS vendor and NRC Licensing.
07
08

09 SYSTEM CODE ZZ (11) | CAUSE CODE X (12) | CAUSE SUBCODE Z (13) | COMPONENT CODE ZZZZZZ (14) | COMP. SUBCODE Z (15) | VALVE SUBCODE Z (16)

(17) LER/RO REPORT NUMBER: EVENT YEAR 78 — SEQUENTIAL REPORT NO. 002 — OCCURRENCE CODE 01 — REPORT TYPE T — REVISION NO. 0

ACTION TAKEN X (18) | FUTURE ACTION X (19) | EFFECT ON PLANT Z (20) | SHUTDOWN METHOD Z (21) | HOURS 0000 (22) | ATTACHMENT SUBMITTED N (23) | NPRD-4 FORM SUB. N (24) | PRIME COMP. SUPPLIER Z (25) | COMPONENT MANUFACTURER Z999 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 Ongoing review of the ECCS evaluation model revealed a logic inconsistency
11 in the calculational method used in transferring the heat generated by the
12 zirconium water reaction from the fuel rods. Appropriate adjustments to
13 the model are being studied. Corrective action will be implemented based
14 on the results of the review by the NRC, the NSSS vendor, and FPL.

15 FACILITY STATUS E (23) | % POWER 100 (29) | OTHER STATUS (30) N/A | METHOD OF DISCOVERY D (31) | DISCOVERY DESCRIPTION (32) Notification from NSSS

16 ACTIVITY RELEASED Z (33) | CONTENT OF RELEASE Z (34) | AMOUNT OF ACTIVITY (35) N/A | LOCATION OF RELEASE (36) N/A

17 PERSONNEL EXPOSURES NUMBER 000 (37) | TYPE Z (38) | DESCRIPTION (39) N/A

18 PERSONNEL INJURIES NUMBER 000 (40) | DESCRIPTION (41) N/A

19 LOSS OF OR DAMAGE TO FACILITY TYPE Z (42) | DESCRIPTION (43) N/A

20 PUBLICITY ISSUED Y (44) | DESCRIPTION (45) NRC Press release issued on 4/5/78/ | NRC USE ONLY

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