

LICENSEE EVENT REPORT

EXHIBIT A

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

01 FLCRP3200-000000-0034111145
7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CON'T
01 L6050-0302701068380218839
7 8 9 REPORT SOURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 While performing the Safety Evaluation for the December 15 failure of the
03 Control Complex radiation monitor, RM-A5, Florida Power determined that the
04 failure of RM-A5 (and RM-A's 3, 4, 7, and 8) to alarm in all failure modes
05 constituted an unreviewed safety question. A breaker trip from the moni-
06 tor's pump will also trip the alarm such that it will not alert personnel
07 as stated in the FSAR, Section 11.4.2.1.
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7 8 9

09 BA11 B12 A13 ZZZZZZ14 Z15 Z16
7 8 9 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE

17 83 001 01 T 1
7 8 9 LER/RO REPORT NUMBER 21 22 EVENT YEAR 23 24 SEQUENTIAL REPORT NO. 25 26 OCCURRENCE CODE 27 28 REPORT TYPE 29 30 REVISION NO. 31 32

G18 F19 Z20 Z21 0000 Y23 N24 Z25 Z9999
7 8 9 ACTION TAKEN 33 FUTURE ACTION 34 EFFECT ON PLANT 35 SHUTDOWN METHOD 36 HOURS 37 ATTACHMENT SUBMITTED 40 NPRO-4 FORM SUB. 42 PRIME COMP. SUPPLIER 43 COMPONENT MANUFACTURER 44 45 46 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 This unreviewed safety question is apparently caused by a design inadequacy.
11 As an interim action, Operations Personnel are verifying that RM-A3, 4, and
12 5 are energized on an hourly basis. (RM-A7 and 8 do not initiate equipment
13 upon monitor failure.) Florida Power is performing an Engineering investi-
14 gation to determine further corrective actions.
7 8 9

15 E28 08429 NA30 B31 Engineer's Investigation32
7 8 9 FACILITY STATUS 10 % POWER 12 OTHER STATUS 30 METHOD OF DISCOVERY 31 DISCOVERY DESCRIPTION 32

16 Z33 Z34 NA35 NA36
7 8 9 ACTIVITY CONTENT 33 RELEASED OF RELEASE 34 AMOUNT OF ACTIVITY 35 LOCATION OF RELEASE 36

17 00037 Z38 NA39
7 8 9 PERSONNEL EXPOSURES 37 NUMBER 38 TYPE 39 DESCRIPTION 39

18 00040 NA41
7 8 9 PERSONNEL INJURIES 40 NUMBER 41 DESCRIPTION 41

19 Z42 NA43
7 8 9 LOSS OF OR DAMAGE TO FACILITY 42 TYPE 43 DESCRIPTION 43

20 N44 NA45
7 8 9 PUBLICITY 44 ISSUED 45 DESCRIPTION 45

NRC USE ONLY
68 69 80

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SUPPLEMENTARY INFORMATION

REPORT NO: 50-302/83-001/01T-1
FACILITY: Crystal River Unit #3
REPORT DATE: February 18, 1983
OCCURRENCE DATE: January 6, 1983

IDENTIFICATION OF OCCURRENCE:

On January 6, 1983, Florida Power Corporation (FPC) identified an apparent unreviewed safety question. The control complex radiation monitor, RM-A5 (and RM-A's 3, 4, 7 and 8), does not alarm or initiate protective functions upon loss of power to the circulation pump as stated in FSAR Section 11.4.2.1.

CONDITIONS PRIOR TO OCCURRENCE:

MODE 1 (84% FULL POWER)

DESCRIPTION OF OCCURRENCE:

While performing the safety evaluation for the December 15th failure of RM-A5 (LER 82-76), FPC determined that failure of RM-A5 to alarm in all failure modes constituted an unreviewed safety question. An engineering review of other radiation monitors' circuitry has indicated that RM-A3, 4, 7 and 8 also have same problem.

DESIGNATION OF APPARENT CAUSE:

This unreviewed safety question was caused by a design inadequacy. Apparently, the original design for RM-A3, 4, 5, 7, and 8 failed to consider that the pump and alarm were on common circuitry such that a breaker trip from the pump would also trip the alarm and prohibit it from alerting personnel of an instrument failure.

ANALYSIS OF OCCURRENCE:

This design inadequacy is not considered to have adversely affected public health and safety.

CORRECTIVE ACTION:

As an interim corrective action, personnel are verifying that RM-A3, 4, and 5 are energized on an hourly basis. Because RM-A7 and 8 do not initiate protective equipment upon alarm or failure, they are therefore only checked shiftly. Florida Power Corporation is performing an Engineering Investigation to determine further corrective actions.

FAILURE DATA:

This is the first unreviewed safety question involving the Radiation Monitors' design.