

LICENSEE EVENT REPORT

EXHIBIT A

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

01 FL CR P 3 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5  
7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CON'T  
01 REPORT SOURCE L 6 0 5 0 - 0 3 0 2 7 0 1 0 6 8 3 8 0 1 2 0 8 3 9  
7 8 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 to alarm in all failure modes constituted an unreviewed  
05 safety question. A breaker trip from the monitor's pump will also trip the  
06 alarm such that it will not alert personnel as stated in the FSAR, Section  
07 11.4.2.1.

08

09 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE  
B A 11 B 12 A 13 Z Z Z Z 14 Z 15 Z 16  
9 10 11 12 13 18 19 20

17 LER/RO REPORT NUMBER 8 3 21 22  
18 ACTION TAKEN G 18 F 19 23 24  
19 FUTURE ACTION 25 26  
20 EFFECT ON PLANT Z 20 21 22  
21 SHUTDOWN METHOD Z 21 22  
22 HOURS 0 0 0 0 22 23  
23 ATTACHMENT SUBMITTED Y 23 24  
24 NPD-4 FORM SUB. N 24 25  
25 PRIME COMP. SUPPLIER Z 25 26  
26 COMPONENT MANUFACTURER Z 9 9 9 9 26 27  
27 REVISION NO. 0 32

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-A5 is ener-  
12 gized on an hourly basis. Florida Power is reviewing all installed air  
13 radiation monitors' circuitry to determine if modifications are necessary  
14 to the equipment or the FSAR.

7 8 9 80

15 FACILITY STATUS E 28 0 8 4 29 OTHER STATUS NA 30 METHOD OF DISCOVERY B 31 DISCOVERY DESCRIPTION Engineer's Investigation 32  
7 8 9 10 11 12 13 44 45 46 80

16 ACTIVITY CONTENT RELEASED OF RELEASE Z 33 Z 34 AMOUNT OF ACTIVITY NA 35 LOCATION OF RELEASE NA 36  
7 8 9 10 11 12 13 44 45 46 80

17 PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION NA 39  
7 8 9 10 11 12 13 80

18 PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION NA 41  
7 8 9 10 11 12 80

19 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION NA 43  
7 8 9 10 80

20 PUBLICITY ISSUED N 44 DESCRIPTION NA 45  
7 8 9 10 80

NAME OF PREPARER P. G. Hughes

PHONE: (904) 795-3802

## SUPPLEMENTARY INFORMATION

REPORT NO: 50-302/83-001/01T-0  
FACILITY: Crystal River Unit #3  
REPORT DATE: January 20, 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) does not alarm or initiate protective functions upon loss of power to the circulation pumps 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 82-076), FPC determined that failure of RM-A5 to alarm in all failure modes constituted an unreviewed safety question.

### DESIGNATION OF APPARENT CAUSE:

This unreviewed safety question was caused by a design inadequacy. Apparently, the original design for RM-A5 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 effected public health and safety.

### CORRECTIVE ACTION:

As an interim corrective action, personnel are verifying that RM-A5 is energized on an hourly basis. FPC is reviewing all air radiation monitors' circuitry and will modify the circuitry or FSAR as necessary.

### FAILURE DATA:

This is the first unreviewed safety question involving RM-A5 design.