

No. 3-83-21/3L

This LER concerns the failure of a component within the moisture monitoring system.

**LICENSEE EVENT REPORT**

CONTROL BLOCK: \_\_\_\_\_ (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 8 P A P B S 3 3 2 0 0 - 0 0 0 0 0 0 0 0 0 0 3 4 1 1 1 1 1 4 1 5  
 9 LICENSEE CODE 14 16 LICENSE NUMBER 26 28 LICENSE TYPE 30 32 CAT 36

CONT  
 01 REPORT SOURCE L 6 0 5 0 - 0 2 7 8 7 1 2 0 3 8 3 8 1 2 3 0 8 3 9  
 90 61 DOCKET NUMBER 66 68 EVENT DATE 74 76 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During normal operation, the Moisture Monitoring System indicated a

03 moisture alarm and a trouble alarm at Weld 2-AHH-2 on the 12 inch 'A'

04 recirc piping loop. Shift supervision immediately initiated a hourly

05 monitoring of the drywell sump pump out rates. Investigation found

06 no evidence of leakage and discovered a failure within the logic board

07 of the monitoring system. The defective logic board was replaced by

08 the vendor and the monitoring system was returned to service Dec 5, 1983

09

SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE  
 C I 11 E 12 G 13 I N S T R U 14 X 15 Z 16  
 9 10 11 12 13 14 15 16

17 LER/RO REPORT NUMBER 8 3 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32  
 EVENT YEAR 8 3 SEQUENTIAL REPORT NO. 0 2 1 OCCURRENCE CODE 0 3 REPORT TYPE L REVISION NO. 0

ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NFRD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER  
 A 18 F 19 Z 20 Z 21 0 0 0 0 N 23 N 24 L 25 X 9 9 9 26  
 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The cause of the failure was logic board misinterpretation of sensor

11 output. A new logic board was installed by the vendor on Dec. 5, 1983.

12 The new logic board was adapted to prevent similar occurrences on

13 Dec. 14, 1983. The defective logic board was repaired and reissued

14 by vendor to PECO as a spare on Dec. 14, 1983.

15

FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION  
 E 28 1 0 0 29 NA A 31 Operator Observation  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

ACTIVITY RELEASED CONTENT AMOUNT OF ACTIVITY LOCATION OF RELEASE  
 Z 33 Z 34 NA NA  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION  
 0 0 0 37 Z 38 NA  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

PERSONNEL INJURIES NUMBER DESCRIPTION  
 0 0 0 40 NA  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION  
 Z 43 NA  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

PUBLICITY ISSUED DESCRIPTION  
 N 44 NA  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

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