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50-278

Mr. Boyce M. Grier, Director  
Office of Inspection & Enforcement, Region I  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

No. 3-80-29/3L

Dear Mr. Grier:

This LER concerns zero drift of a main steam line radiation monitor. The governing Technical Specification is Table 3.1.1.

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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

0 1 P A P B S 3 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 \_\_\_\_\_ 5  
8 9 14 15 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39  
 LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT

0 1 L 6 0 5 0 0 - 0 2 7 8 7 1 2 0 9 8 0 8 0 1 0 8 8 1 9  
60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80  
 REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

0 2 Routine inspection of the main steam line radiation monitors revealed

0 3 that the "C" monitor indicated background radiation levels about 40%

0 4 lower than the other 3 monitors. However, due to reduced background

0 5 reading, the trip setpoint was greater than the Tech Spec Table 3.1.1

0 6 limit of 3 times full power background. On December 9 the trip setpoint

0 7 was adjusted to less than 3 times indicated background. The redundant

0 8 monitors were also operable.

0 9 I A 11 E 12 G 13 I N S T R U 14 I 15 Z 16  
9 10 11 12 13 14 15 16 17 18 19 20  
 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP SUBCODE VALVE SUBCODE

17 8 0 2 9 0 3 L 0  
21 22 23 24 25 26 27 28 29 30 31 32  
 LER NO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.

18 Z 19 Z 20 Z 21 0 0 0 0 N 23 Y 24 N 25 G 0 8 0 26  
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47  
 ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPSR-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER

1 0 The reduced background reading was caused by instrument zero drift. On

1 1 December 10 the "C" radiation monitor was taken out of service and the

1 2 associated trip system channel placed in the tripped position. The

1 3 monitor was calibrated and returned to service the same day.

1 4

1 5 E 26 0 9 9 29 N/A 30 B 31 Routine Observation 32  
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  
 FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION

1 6 Z 33 Z 34 N/A 35 N/A 36  
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  
 ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE

1 7 0 0 0 37 Z 38 N/A 39  
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  
 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION

1 8 0 0 0 40 N/A 41  
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  
 PERSONNEL INJURIES NUMBER DESCRIPTION

1 9 Z 42 N/A 43  
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  
 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION

2 0 N 44 N/A 45  
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  
 PUBLICITY ISSUED DESCRIPTION NRC USE ONLY

NAME OF PREPARER M. J. Cooney PHONE (215) 841-5020

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