

Mr. R. C. Haynes
Administrator
U.S. Nuclear Regulatory
Commission
631 Park Avenue
King of Prussia, PA 19406

No. 82-012/03L-0

Dear Mr. Haynes:

This LER deals with the downgrade failure of the 3A reactor building exhaust radiation monitor. Applicable Tech Spec is Table 3.2.D.

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

CONTROL BLOCK:		1		(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)																																																																																			
01	P	A	P	B	S	3	2	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	1	1	1	1	1	1	1	4	5																																																				
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CON'T		REPORT SOURCE		L		6		0		5		0		-		0		2		7		8		7		0		8		0		6		8		2		B		0		9		0		3		8		2		9																																			
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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)																																																																																							
02 On August 6, 1982 while operating at normal power, the 3A reactor																																																																																							
03 building exhaust radiation monitor experienced a downgrade failure.																																																																																							
04 On August 23, 1982 a similar event occurred. The monitor is part																																																																																							
05 of a 1 out of 2 twice trip logic which isolates secondary																																																																																							
06 containment and initiates SBGTS on high radiation. In both events,																																																																																							
07 all redundant instrument channels remained operable. Applicable																																																																																							
08 Tech Spec. is Table 3.2.D.																																																																																							
09																																																																																							
SYSTEM CODE: B A (11) CAUSE CODE: E (12) CAUSE SUBCODE: G (13) COMPONENT CODE: I N S T R U (14) COMP. SUBCODE: E (15) VALVE SUBCODE: Z (16)																																																																																							
17 LER/RD REPORT NUMBER: 82 (17) EVENT YEAR: 82 (18) SEQUENTIAL REPORT NO.: 012 (19) OCCURRENCE CODE: 03 (20) REPORT TYPE: L (21) REVISION NO.: 0 (22)																																																																																							
ACTION TAKEN: A (23) FUTURE ACTION: Z (24) EFFECT ON PLANT: Z (25) SHUTDOWN METHOD: Z (26) HOURS: 0000 (27) ATTACHMENT SUBMITTED: N (28) NPRD-4 FORM SUB: Y (29) PRIME COMP. SUPPLIER: N (30) COMPONENT MANUFACTURER: G 0 8 0 (31)																																																																																							
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50																																																																																							
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)																																																																																							
10 In both events, the cause of failure was due to the failure of the																																																																																							
11 Geiger-Mueller (G-M) Tube (GECO., Part No. 194x927G011) detector.																																																																																							
12 In each case, the G-M Tube was replaced, the unit was calibrated and																																																																																							
13 returned to service.																																																																																							
14																																																																																							
15 FACILITY STATUS: E (28) % POWER: 100 (29) OTHER STATUS: NA (30) METHOD OF DISCOVERY: (31) DISCOVERY DESCRIPTION: Operator Observation (32)																																																																																							
16 ACTIVITY CONTENT RELEASED OF RELEASE: Z (33) AMOUNT OF ACTIVITY: NA (34) LOCATION OF RELEASE: NA (35)																																																																																							
17 PERSONNEL EXPOSURES NUMBER: 000 (37) TYPE: Z (38) DESCRIPTION: NA (39)																																																																																							
18 PERSONNEL INJURIES NUMBER: 000 (40) DESCRIPTION: NA (41)																																																																																							
19 LOSS OF OR DAMAGE TO FACILITY TYPE: Z (42) DESCRIPTION: NA (43)																																																																																							
20 PUBLICITY ISSUED: N (44) DESCRIPTION: NA (45)																																																																																							
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																																																																																							
M. J. Cooney <i>A. J. Wargand</i> PHONE: 215-841-5020																																																																																							
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