

Mr. R. C. Haynes, Director
 Office of Inspection & Enforcement, Region I
 U.S. Nuclear Regulatory Commission
 631 Park Avenue
 King of Prussia, PA 19406

No. 2-82-022-03L-0

Dear Mr. Haynes:

This LER deals with the downscale failure of the "B" Main Control Room air intake radiation monitor. Applicable Tech. Spec is 3.11.A.5.

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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

0 1 | P | A | P | B | S | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | _____ (5)
7 8 9 14 15 25 26 30 31 32 33 34 35 36 37 38 39 40
 LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT 58

CON'T
 0 1 | REPORT SOURCE | L | 0 | 5 | 0 | - | 0 | 2 | 7 | 7 | 7 | 0 | 8 | 2 | 0 | 8 | 2 | 0 | 9 | 7 | 8 | 2 | _____ (9)
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
 DOCKET NUMBER EVENT DATE REPORT DATE

0 2 | While operating at power, the "B" Main Control Room intake air
 0 3 | radiation monitor failed downscale. The monitor is part of a 2 out of
 0 4 | 2 trip logic to isolate the control room ventilation ducts and
 0 5 | initiate the emergency fresh air supply system on high radiation.
 0 6 | The failed channel was placed in the trip position. The redundant
 0 7 | instrument channel remained operable. Applicable Tech. Spec. is
 0 8 | 3.11.A.5.
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

0 3 | 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 |
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

17 | EVENT YEAR | 8 | 2 | SEQUENTIAL REPORT NO. | 0 | 2 | 2 | OCCURRENCE CODE | 0 | 3 | REPORT TYPE | L | REVISION NO. | 0 |
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

ACTION TAKEN: FUTURE ACTION: EFFECT ON PLANT: SHUTDOWN METHOD: HOURS: ATTACHMENT SUBMITTED: NPD-4 FORM SUB: PRIME COMP. SUPPLIER: COMPONENT MANUFACTURER:
 A 10 | Z 10 | Z 20 | Z 21 | 0 0 0 0 22 | N 23 | Y 24 | N 25 | G 0 8 0 26
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

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
 1 0 | The cause of the failure was a defective Geiger-Mueller (G-M) tube
 1 1 | (GEC Co., Part No. 194X927G011). The G-M tube and associated
 1 2 | electronics were replaced. The detector was calibrated and returned
 1 3 | to service on August 23, 1982.
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

1 4 | _____
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

FACILITY STATUS: % POWER: OTHER STATUS: METHOD OF DISCOVERY: DISCOVERY DESCRIPTION:
 E 28 | 1 0 0 0 29 | NA 30 | A 31 | Operator 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 33 34 35 36 37 38 39 40

ACTIVITY CONTENT RELEASED OF RELEASE: AMOUNT OF ACTIVITY: LOCATION OF RELEASE:
 Z 33 | Z 34 | NA 35 | NA 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 33 34 35 36 37 38 39 40

PERSONNEL EXPOSURES: NUMBER: TYPE: DESCRIPTION:
 0 0 0 37 | Z 38 | NA 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 33 34 35 36 37 38 39 40

PERSONNEL INJURIES: NUMBER: DESCRIPTION:
 0 0 0 40 | _____ 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 33 34 35 36 37 38 39 40

LOSS OF OR DAMAGE TO FACILITY: TYPE: DESCRIPTION:
 Z 42 | _____ 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 33 34 35 36 37 38 39 40

PUBLICITY ISSUED: DESCRIPTION:
 N 44 | _____ 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 33 34 35 36 37 38 39 40

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 PDR ADDCK 05000277
 S PDR
 NRC USE ONLY
 NAME OF PREPARER: J. Cooney PHONE: (215) 841-5020