

LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 | M | I | D | C | C | 1 | 2 | 0 | 0 | 1 | - | 1 | 0 | 0 | 0 | 0 | 1 | 0 | - | 1 | 0 | 1 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | 1 | 5
7 8 9 14 15 25 26 37 47 53
LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT 53

CON'T
01 | REPORT SOURCE | L | 6 | 0 | 5 | 0 | 0 | 0 | 3 | 1 | 5 | 7 | 0 | 2 | 1 | 1 | 8 | 3 | 8 | 0 | 2 | 1 | 1 | 8 | 8 | 3 | 9
60 61 62 63 64 65 66 67 68 69
DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

012 | ON FEBRUARY 11, 1983, AT 0900 HRS. A PLANNED GAS SAMPLING EVOLUTION WHICH PRODUCED AN
013 | EXPECTED GAS RELEASE OF UNEXPECTED MAGNITUDE WAS DETECTED BY AN ELEVATED UNIT 1 AND
014 | UNIT 2 VENT STACK GASEOUS MONITOR (1R-26 AND 2R-26 RESPECTIVELY) READING. THIS EVENT
015 | CONTINUED UNTIL APPROXIMATELY 1040 HRS. ON FEBRUARY 11, 1983. A SECOND EVENT (UNEXPECT
016 | ED, THEREFORE UNPLANNED) OCCURRED AT 1340 HRS. ON FEBRUARY 11, 1983, WHICH WAS DETECTED
017 | BY AN ELEVATED UNIT 2 VENT STACK GASEOUS MONITOR (2R-26) READING. THIS EVENT CONTINUED
018 | UNTIL APPROXIMATELY 1530 HRS. ON FEBRUARY 11, 1983. (SEE ATTACHED SUPPLEMENT)

019 | SYSTEM CODE | X | X | 11 | CAUSE CODE | A | 12 | CAUSE SUBCODE | X | 13 | COMPONENT CODE | Z | Z | Z | Z | Z | Z | 14 | COMP SUBCODE | Z | 15 | VALVE SUBCODE | Z | 16
9 10 11 12 13 14 15 16 17 18 19 20
LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.
17 | 8 | 3 | 21 | 22 | 0 | 1 | 1 | 0 | 24 | 25 | 0 | 4 | 28 | T | 30 | 0 | 32
21 22 23 24 25 26 27 28 29 30 31 32
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NRC-4 FORM SUB PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
13 | X | 19 | Z | 20 | Z | 21 | Z | 22 | 0 | 0 | 0 | 0 | 23 | Y | 24 | N | 25 | Z | 26 | Z | 9 | 9 | 9 | 27
33 34 35 36 37 38 39 40 41 42 43 44 45

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

110 | DURING SAMPLING OF THE UNIT 1 VOLUME CONTROL TANK (VCT) GAS SPACE, THE SAMPLE LINE
111 | DRAIN VALVE (NS-186) LOCATED IN THE NUCLEAR SAMPLING ROOM WAS INADVERTENTLY LEFT IN
112 | THE OPEN POSITION. THIS ALLOWED GAS TO GO FROM NS-186 THROUGH THE CLEAN SUMP TANK TO
113 | THE WASTE HOLDUP TANKS CONTINUING THROUGH THE AUXILIARY BUILDING VENTILATION SYSTEM TO
114 | THE UNIT VENT STACKS. (SEE ATTACHED SUPPLEMENT)

115 | FACILITY STATUS | E | 28 | 1 | 0 | 0 | 0 | 29 | OTHER STATUS | NA | 30 | METHOD OF DISCOVERY | A | 31 | DISCOVERY DESCRIPTION | RADIATION MONITORING ALARM | 32
8 9 10 11 12 13 44 45 46 47 48 49
ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE
116 | G | 33 | N | 34 | 37.7 Ci Xe-133 | 35 | AUXILIARY BUILDING VENT TO ATMOSPHERE | 36
8 9 10 11 12 13 44 45 46 47 48 49

117 | PERSONNEL EXPOSURES | NUMBER | 0 | 0 | 0 | 0 | 37 | TYPE | Z | 38 | DESCRIPTION | NA | 39
8 9 10 11 12 13 44 45 46 47 48 49

118 | PERSONNEL INJURIES | NUMBER | 0 | 0 | 0 | 0 | 40 | DESCRIPTION | NA | 41
8 9 10 11 12 13 44 45 46 47 48 49

119 | LOSS OF OR DAMAGE TO FACILITY | TYPE | Z | 42 | DESCRIPTION | NA | 43
8 9 10 11 12 13 44 45 46 47 48 49

119 | PUBLICITY | Y | 44 | DESCRIPTION | PRESS RELEASE TO LOCAL NEWSPAPER 2/12/83 | 45
8 9 10 11 12 13 44 45 46 47 48 49

NRC USE ONLY

8302280416 830218
 PDR ADOCK 05000315
 S PDR

R. A. PALMER

PHONE 616/465/5901

ATTACHMENT TO LER# 83-010/04T-0

SUPPLEMENT TO EVENT DESCRIPTION

ON FEBRUARY 11, 1983, AT 0900 HOURS A PLANNED GAS SAMPLING EVOLUTION WHICH PRODUCED AN EXPECTED GAS RELEASE OF UNEXPECTED MAGNITUDE WAS DETECTED BY AN ELEVATED UNIT 1 AND UNIT 2 VENT STACK GASEOUS MONITOR (1R-26 AND 2R-26 RESPECTIVELY) READING. THIS EVENT CONTINUED UNTIL APPROXIMATELY 1040 HOURS ON FEBRUARY 11, 1983. A SECOND EVENT (UNEXPECTED, THEREFORE UNPLANNED) OCCURRED AT 1340 HOURS ON FEBRUARY 11, 1983, WHICH WAS DETECTED BY AN ELEVATED UNIT 2 VENT STACK GASEOUS MONITOR (2R-26) READING. THIS EVENT CONTINUED UNTIL APPROXIMATELY 1530 HOURS ON FEBRUARY 11, 1983. DURING THESE TIME PERIODS, A TOTAL OF 37.7 Ci WAS RELEASED AT A RATE OF 2.86 E-3 Ci/SEC , WHICH IS 4.81% OF TECHNICAL SPECIFICATION APPENDIX B, SECTION 2.1.3.a(1). CONSERVATIVELY ESTIMATING THAT BOTH UNIT'S DETECTORS INDICATED THE MAXIMUM RELEASE RATE SIMULTANEOUSLY, THE MAXIMUM TOTAL RELEASE RATE WAS 5.48 E-2 Ci/SEC WHICH IS 92.39% OF TECHNICAL SPECIFICATION APPENDIX B, SECTION 2.1.3.a(1). THIS OCCURRED WITHOUT THE SAMPLING AND ANALYTICAL REQUIREMENTS OF TECHNICAL SPECIFICATION APPENDIX B. 2.4.4.E.

SUPPLEMENT TO CAUSE DESCRIPTION

DURING SAMPLING OF THE UNIT 1 VOLUME CONTROL TANK (VCT) GAS SPACE, THE SAMPLE LINE DRAIN VALVE NS-186 LOCATED IN THE NUCLEAR SAMPLING ROOM WAS INADVERTENTLY LEFT IN THE OPEN POSITION, WHEN AT THIS POINT IN THE PROCESS IT WAS PROCEDURALLY REQUIRED TO BE CLOSED. THIS ALLOWED GAS TO GO FROM NS-186 THROUGH THE CLEAN SUMP TANK TO THE WASTE HOLDUP TANKS CONTINUING THROUGH THE AUXILIARY BUILDING VENTILATION SYSTEM TO

ATTACHMENT TO LER # 83-010/G4T-0

SUPPLEMENT TO CAUSE DESCRIPTION, CONTINUED

THE UNIT VENT STACK. WHILE VALVING IN THE SAMPLE CONTAINER A PIECE OF PLASTIC TUBING USED TO CONNECT THE SAMPLE CONTAINER WITH THE SAMPLE PIPING SEPARATED AT THE CONNECTION CAUSING ADDITIONAL RADIO-GAS TO BE DISCHARGED TO THE UNIT 1 VENT STACK. THE SAMPLE POINT ROOT VALVE (1-CS-374) WAS CLOSED TO ISOLATE THE RELEASE. AT APPROXIMATELY 1340 HOURS 1-CS-374 WAS OPENED, THE NORMAL OPERATING POSITION, WHICH CAUSED THE SECOND EVENT TO OCCUR, SINCE NS-186 WAS INADVERTENTLY LEFT IN THE OPEN POSITION. IMMEDIATELY FOLLOWING DETECTION OF THE SECOND EVENT 1-CS-374 WAS RECLOSED. AT APPROXIMATELY 1855 HOURS ON FEBRUARY 11, 1983, NS-186 WAS DISCOVERED OPEN AND PLACED IN THE CLOSED POSITION. VALVE 1-CS-374 WAS THEN REOPENED WITH NO GASEOUS RELEASES BEING DETECTED.

TO PREVENT RECURRENCE OF THIS EVENT THE PERSONNEL INVOLVED HAVE BEEN INSTRUCTED IN THE PROPER METHOD OF SAMPLING THE VCT GAS SPACE, AND ADDITIONAL ADMINISTRATIVE CONTROLS HAVE BEEN PLACED INTO EFFECT WHICH REQUIRE THAT THE PROCEDURE FOR SAMPLING THE VCT GAS SPACE BE IN HAND DURING THE SAMPLING PROCESS.