

LICENSEE EVENT REPORT

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

7 8 9 14 15 25 26 30 57 CAT 58  
 0 1 M I D C C 2 0 0 0 0 0 0 0 0 0 0 0 0 0 3 4 1 1 1 1 4 5  
 LICENSEE CODE LICENSE NUMBER LICENSE TYPE

CON'T  
 7 8 60 61 68 69 74 75 80  
 0 1 R P O T S L 6 0 5 0 0 0 3 1 6 1 0 1 2 8 2 8 1 1 1 1 8 2 9  
 REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)  
 0 2 ON OCTOBER 12, 1982, AND OCTOBER 15, 1982, THE ISOLATION SWITCH FOR  
 0 3 THE LOW PRESSURE CO<sub>2</sub> SYSTEM IN THE PENETRATION CABLE TUNNEL, QUADRANT  
 0 4 2, WAS DISCOVERED TO BE IN THE ISOLATE POSITION WITHOUT A POSTED  
 0 5 CONTINUOUS FIRE WATCH. THESE EVENTS ARE CONTRARY TO TECHNICAL  
 0 6 SPECIFICATION 3.7.9.3. PREVIOUS EVENTS OF A SIMILAR NATURE INCLUDE:  
 0 7 DOCKET NO. 315/82-037, 82-044, 82-045, 82-049, 82-081, 82-082, 82-068;  
 0 8 DOCKET NO. 316/82-054, 82-062, 82-074, 82-076.

7 8 9 11 12 13 18 19 20 21 22 23 24 26 27 28 29 30 31 32  
 0 9 A B 11 A 12 F 13 I N S T R U 14 S 15 Z 16  
 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE  
 17 LER/RO REPORT NUMBER 8 2 0 8 4 0 3 L 0  
 EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.  
 33 H 18 X 19 Z 20 Z 21 0 0 0 0 Y 23 N 24 Z 25 Z 9 9 9 26  
 ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)  
 1 0 THE CAUSE OF BOTH EVENTS HAS BEEN ATTRIBUTED TO NONCOMPLIANCE WITH THE  
 1 1 ESTABLISHED PROCEDURE. PERSONNEL WHOSE INVOLVEMENT WAS DETERMINED HAVE  
 1 2 BEEN REPRIMANDED. DUE TO THE REPETITIVE NATURE OF THIS EVENT, A DESIGN  
 1 3 CHANGE HAS BEEN GENERATED AND THE APPLICABLE PROCEDURE HAS BEEN REVISED.  
 1 4 SEE ATTACHED SUPPLEMENT.

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 51 52 53 54 55 56 57 58 59 60  
 1 5 E 28 L 0 0 0 29 N/A 30 A 31 OPERATOR OBSERVATION 32  
 FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION  
 ACTIVITY CONTENT AMOUNT OF ACTIVITY LOCATION OF RELEASE  
 1 6 Z 33 Z 34 N/A 35 N/A 36  
 RELEASED OF RELEASE

PERSONNEL EXPOSURES (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 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60  
 1 7 0 0 0 37 Z 38 N/A 39  
 NUMBER TYPE DESCRIPTION

PERSONNEL INJURIES (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 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60  
 1 8 0 0 0 40 N/A 41  
 NUMBER DESCRIPTION

LOSS OF OR DAMAGE TO FACILITY (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 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60  
 1 9 Z 42 N/A 43  
 TYPE DESCRIPTION

PUBLICITY (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 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60  
 2 0 N 44 N/A 45  
 ISSUED DESCRIPTION

8211190151 821111  
 PDR AD0CK 05000316  
 S FDR

NRC USE ONLY

NAME OF PREPARER T.P. BEILMAN

PHONE (516) 465-5901 EXT. 280

17-826

CAUSE DESCRIPTION AND CORRECTIVE ACTION

THE CAUSE OF BOTH EVENTS HAS BEEN ATTRIBUTED TO VIOLATIONS OF THE ESTABLISHED PROCEDURE. ALTHOUGH THE PERSONNEL INVOLVED IN THE FIRST OCCURRENCE COULD NOT BE DETERMINED, THOSE INVOLVED IN THE SECOND WERE IDENTIFIED AND PROMPTLY REPRIMANDED.

DUE TO THE REPETITIVE NATURE OF THIS EVENT, THE FOLLOWING STEPS HAVE BEEN TAKEN TO PREVENT RECURRENCE:

1. A DESIGN CHANGE, RFC-DC-12-1899, HAS BEEN DEVELOPED WHICH WILL PROVIDE AN ALARM FUNCTION BETWEEN THE SECURITY CARD READERS AND CO<sub>2</sub> ISOLATION SWITCHES FOR THE APPROPRIATE AREAS. IN SO DOING, THE LAST INDIVIDUAL EXITING FROM AN ISOLATED CO<sub>2</sub> PROTECTED AREA WILL HAVE A CERTAIN AMOUNT OF TIME (E.G., SEVERAL MINUTES) TO RESTORE THE CO<sub>2</sub> ISOLATION SWITCH TO THE NORMAL POSITION OR AN ALARM WILL BE ACTIVATED. THIS DESIGN CHANGE IS INTENDED TO PROVIDE FOR THE PROMPT DETECTION AND CORRECTION OF CO<sub>2</sub> SYSTEM RESTORATION ERRORS.
2. IN THE INTERIM PERIOD PENDING THE INSTALLATION OF RFC-DC-12-1899, THE PLANT PROCEDURE FOR THE ISOLATION AND RESTORATION OF CO<sub>2</sub> SWITCHES HAS BEEN REVISED. THE REVISED PROCEDURE, WHICH APPLIES ONLY TO THOSE CO<sub>2</sub> AREAS HAVING REPETITIVE PROBLEMS, REQUIRES THAT A SECURITY GUARD BE STATIONED IN THE VICINITY OF AN ISOLATED CO<sub>2</sub> SWITCH TO MONITOR PERSONNEL EGRESS FROM THE AREA. UPON THE EXIT OF THE LAST INDIVIDUAL, THE SECURITY GUARD WILL ASSIST IN ASSURING THAT THE CO<sub>2</sub> ISOLATION SWITCH IS RESTORED TO NORMAL.