

# LICENSEE EVENT REPORT

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

01 | M I I D I C I C | 2 | 0 1 0 1 - 1 0 0 0 0 0 0 0 - 1 0 0 | 3 | 4 1 1 1 1 1 | 4 | \_\_\_\_\_ | 5

8 9 14 15 25 26 57 58

LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT

01 | L | 6 | 0 1 5 1 0 1 0 1 0 3 1 1 6 | 7 | 1 1 2 1 1 4 8 2 | 8 | 0 1 2 7 8 3 | 9

60 61 68 69 74 75 80

REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

012 | DURING A SCHEDULED SURVEILLANCE TEST OF THE ICE CONDENSER BASKETS, THE MINIMUM

013 | AVERAGE ICE WEIGHT OF SAMPLE BASKETS FROM RADIAL ROWS 7, 8 AND 9 WAS FOUND TO BE LESS

014 | THAN 1220 POUNDS/BASKET AT A 95% LEVEL OF CONFIDENCE. THIS CONDITION WAS NON-

015 | CONSERVATIVE WITH RESPECT TO TECHNICAL SPECIFICATION 4.6.5.1.b.2. THE PUBLIC HEALTH

016 | AND SAFETY WERE NOT AFFECTED. PREVIOUS OCCURRENCES OF A SIMILAR NATURE INCLUDE:

017 | 050-316/82-025; 50-315/82-072.

08 | \_\_\_\_\_ | 80

09 | S I A | 11 | X | 12 | Z | 13 | Z I Z I Z I Z I Z I | 14 | Z | 15 | Z | 16

9 10 11 12 13 18 19 20

SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE

17 | 8 2 | 21 22 | 1 1 1 6 | 24 26 | [ ] | 27 | 0 1 3 | 28 29 | L | 30 | [ ] | 31 | 0 | 32

33 34 35 36 37 40 41 42 43 44 47

LEP/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.

X X Z Z 0 0 0 0 Y N Z Z 9 9 9

ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRO-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

110 | ICE LOSS APPEARED TO BE A RESULT OF NATURAL SUBLIMATION AND THE FACT THAT THE AIR

111 | HANDLER UNITS WERE NOT MAINTAINED AS WELL AS DESIRED DUE TO HIGH AIRBORNE CONDITIONS

112 | IN UNIT 2 UPPER CONTAINMENT. ICE MASS WAS ADDED TO ALL ROW GROUPS NOT MEETING

113 | TECHNICAL SPECIFICATION MINIMUM LIMITS. (SEE ATTACHED SUPPLEMENT)

114 | \_\_\_\_\_

15 | H | 29 | 0 0 0 0 | 29 | NA | 30 | B | 31 | SURVEILLANCE TEST | 32

8 9 10 11 12 13 44 45 46 80

FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION

16 | Z | 33 | Z | 34 | NA | 35 | NA | 36

8 9 10 11 44 45 80

RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE

17 | 0 1 0 1 0 | 37 | Z | 38 | NA | 39

8 9 10 11 12 13 80

PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION

18 | 0 1 0 1 0 | 40 | NA | 41

8 9 10 11 12 13 80

PERSONNEL INJURIES NUMBER DESCRIPTION

19 | Z | 47 | NA | 43

8 9 10 11 12 13 80

LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION

20 | N | 44 | NA | 45

8 9 10 11 12 13 80

ISSUED DESCRIPTION

NAME OF PREPARER R. A. PALMER

PHONE: 616/465/5901

8302080294 830131  
PDR ADOCK 05000316  
S PDR

NRC USE ONLY

GPO 81-7-326

ATTACHMENT TO LER#82-116/03L-0

SUPPLEMENT TO CAUSE DESCRIPTION

ICE LOSS APPEARED TO BE A RESULT OF NATURAL SUBLIMATION AND THE FACT THAT THE AIR HANDLER UNITS WERE NOT MAINTAINED AS WELL AS DESIRED DUE TO HIGH AIRBORNE CONDITIONS IN UNIT 2 UPPER CONTAINMENT. ICE MASS WAS ADDED TO THE BOTTOM AND THE TOP OF ALL ROW 7, 8 AND 9 BASKETS TO MEET THE MINIMUM TECHNICAL SPECIFICATION OF 1220 POUNDS. IN ADDITION, ICE WAS ADDED TO THE BOTTOM OF ALL ROW 5 AND 6 BASKETS AS A PRECAUTIONARY MEASURE.

THE IDENTIFICATION AND REPLACEMENT OF LEAKING FUEL ASSEMBLIES DURING THE PRESENT UNIT REFUELING WILL ALLOW IMPROVED AIR HANDLER UNIT MAINTENANCE. THE ICE CONDENSER TASK FORCE THAT WAS ESTABLISHED DURING THE LAST UNIT ONE REFUELING IS CONTINUING IT'S EFFORTS TO REDUCE THE SUBLIMATION RATES BY INSTITUTING DESIGN CHANGES THAT WILL IMPROVE ICE CONDENSER REFRIGERATION AND MAINTAIN THE ICE CONDENSER AT A CONSTANT TEMPERATURE. THESE CHANGES INVOLVE MODIFICATIONS TO CHILLERS TO INCREASE CAPACITY AND THE REPLACEMENT OF ALL 3-WAY VALVES TO IMPROVE AIR HANDLER AVAILABILITY. NEW MASS ADDITION TECHNIQUES ARE UNDER DEVELOPMENT WHICH WILL ENSURE CONTINUED COMPLIANCE.