

LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 MIIDICIC2001-00000-0034111145

REPORT SOURCE

L05100316712148280127839

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.

018 019

SYSTEM CODE SIA11 CAUSE CODE X12 CAUSE SUBCODE Z13 COMPONENT CODE ZZZZZZZZ14 COMP. SUBCODE Z15 VALVE SUBCODE Z16

17 LER/RO REPORT NUMBER 82 EVENT YEAR 116 SEQUENTIAL REPORT NO. 013 OCCURRENCE CODE L31 REPORT TYPE 032 REVISION NO.

ACTION TAKEN X13 FUTURE ACTION X19 EFFECT ON PLANT Z20 SHUTDOWN METHOD Z21 HOURS 00000022 ATTACHMENT SUBMITTED Y23 NPRO-4 FORM SUB. N24 PRIME COMP. SUPPLIER Z25 COMPONENT MANUFACTURER Z999946

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

115 FACILITY STATUS H29 % POWER 000029 OTHER STATUS NA30 METHOD OF DISCOVERY B31 DISCOVERY DESCRIPTION SURVEILLANCE TEST32

116 ACTIVITY CONTENT Z33 RELEASED OF RELEASE Z34 AMOUNT OF ACTIVITY NA35 LOCATION OF RELEASE NA36

117 PERSONNEL EXPOSURES NUMBER 010037 TYPE Z38 DESCRIPTION NA39

118 PERSONNEL INJURIES NUMBER 010040 DESCRIPTION NA41

119 LOSS OF OR DAMAGE TO FACILITY TYPE Z42 DESCRIPTION NA43

120 PUBLICITY ISSUED N44 DESCRIPTION NA45

8302080294 830131
PDR ADOCK 05000316
S PDR

NRC USE ONLY

NAME OF PREPARER R. A. PALMER

PHONE: 616/465/5901

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.