

LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 MIDCC2200-00000-0034111145

LICENSEE CODE

LICENSE NUMBER

LICENSE TYPE

57 CMT 58

CON'T

01 L605000316706298350728829

REPORT SOURCE

DOCKET NUMBER

EVENT DATE

REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 DURING A SCHEDULED SURVEILLANCE TEST OF THE ICE CONDENSER BASKETS, THE MINIMUM AVERAGE

03 ICE WEIGHT OF SAMPLE BASKETS FROM BAYS 6, 7, 8, 9 and ROW/GROUPS 8-1, 8-2, AND 9-1 WERE

04 FOUND TO BE LESS THAN 1220 POUNDS/BASKET AT A 95% LEVEL OF CONFIDENCE. THIS CONDITION

05 WAS NON-CONSERVATIVE WITH RESPECT TO TECHNICAL SPECIFICATION 4.6.5.1.b.2. THE ACTION

06 REQUIREMENTS WERE MET. PUBLIC HEALTH AND SAFETY WERE NOT AFFECTED. PREVIOUS OCCUR-

07 RENCES INCLUDE: 050-315/82-072, 316/82-05, 116.

08 9

09 SA11 X12 Z13 ZZZZZZ14 Z15 Z16

17 83 0519 03 L 0

X13X19 Z20 Z21 0000 Y23 N24 Z25 Z9999

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 ICE LOSS APPEARED TO BE A RESULT OF NATURAL SUBLIMATION. ICE MASS WAS ADDED TO THE

11 TOPS OF ROW 8, BAYS 1-16 AND ROW 9, BAYS 9-16 BASKETS TO MEET THE MINIMUM TECHNICAL

12 SPECIFICATION OF 1220 POUNDS. (SEE ATTACHED SUPPLEMENT)

13

14 8 9

15 G28 00029 NA B31 SURVEILLANCE TEST 32

16 Z33 Z34 NA NA 35 NA 36

17 00037 Z38 NA 39

18 00040 NA 41

19 Z42 NA 43 8308050164 830728 PDR ADOCK 05000316 S PDR

20 N44 NA 45 NRC USE ONLY

NAME OF PREPAPER R. A. PALMER

PHONE 616-465-5901

ATTACHMENT TO LER# 83-059/G3L-0

SUPPLEMENT TO CAUSE DESCRIPTION

ICE LOSS APPEARED TO BE A RESULT OF NATURAL SUBLIMATION. ICE MASS WAS ADDED TO THE TOPS OF ROW 8 BAYS 1-16 AND ROW 9 BAYS 9-16 BASKETS TO MEET THE MINIMUM TECHNICAL SPECIFICATION OF 1220 POUNDS.

IN ADDITION THE FOLLOWING MEASURES HAVE BEEN TAKEN:

RFC 12-1758 - AIR HANDLER UNIT PROGRAMABLE DEFROST CONTROL. DESIGN COMPLETED, MATERIAL ON SITE FOR UNIT 1.

RFC 12-2605 - WALL PANEL DEBRIS SCREENS. PREVENT DEBRIS FROM RESTRICTING AIR FLOW IN AIR HANDLER UNITS WALL PANEL. UNIT 1 COMPLETED, UNIT 2 INSTALLATION IN PROGRESS.

RFC 12-2610 - VOLUME CONTROL DAMPERS. DEVELOP UNIFORMITY IN ENERGY REMOVAL FROM ICE CONDENSER. INSTALLATION IN PROGRESS.

RFC 12-2612 - DELAY FOR AIR HANDLER UNIT START FOLLOWING DEFROST. PREVENTS HOT AIR FROM FLOWING INTO WALL PANEL. DESIGN COMPLETED.

RFC 12-2631 - GLYCOL CHILLER MODIFICATION. EXTENSIVE ENGINEERING REVIEWS WERE COMPLETED THAT IDENTIFIED EVAPORATOR DESIGN DEFICIENCIES, WHICH DETRACTED FROM CHILLER EFFICIENCY. DESIGN CHANGES IMPLEMENTED. THREE (3) OF TEN (10) CHILLERS COMPLETED TO DATE.

THE AEP ICE CONDENSER TASK FORCE IS CONTINUING ITS EFFORTS TO STUDY AND MAKE RECOMMENDATIONS FOR REDUCING ICE LOSS RATES.