

LICENSEE EVENT REPORT

UPDATE REPORT

PREVIOUS REPORT DATE: 03/17/82

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONTROL BLOCK: 1 2 3 4 5 6 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 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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7 8 9 LICENSE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 31 CAT 33 34

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7 8 9 DOCKET NUMBER 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 DURING NORMAL OPERATION, A REACTOR TRIP OCCURRED AS A RESULT OF A FAILURE IN A 120
0 3 VOLT A.C. VITAL BUS (CRID II). THIS EVENT WAS NONCONSERVATIVE IN RESPECT TO
0 4 TECHNICAL SPECIFICATION 3.8.2.1. PREVIOUS OCCURRENCES OF SIMILAR NATURE INCLUDE:
0 5 C50-315/80-20, 79-22.
0 6
0 7
0 8
7 8 9

0 9 SYSTEM CODE E B 11 CAUSE CODE E 12 CAUSE SUBCODE G 13 COMPONENT CODE G E N E R A 14 COMP SUBCODE F 15 VALVE SUBCODE Z 16
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 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 INVESTIGATION REVEALED THAT C-2 CAPACITOR (SPRAGUE - NO.330P72) FAILED, RESULTING
1 1 IN A REACTOR TRIP FROM INDICATION OF A LOSS OF RCP FLOW. THE FAILED CAPACITOR ALSO
1 2 BLEW AN ASSOCIATED FUSE. THE FUSE AND CAPACITOR WERE REPLACED AND THE INVERTER WAS
1 3 RETURNED TO SERVICE WITHIN THE TECHNICAL SPECIFICATION ALLOWABLE LIMIT. (SEE
1 4 ATTACHED SUPPLEMENT)
7 8 9

1 5 FACILITY STATUS E 28 1 0 0 0 29 OTHER STATUS NA 30 METHOD OF DISCOVERY A 31 DISCOVERY DESCRIPTION REACTOR TRIP 32
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 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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ATTACHMENT TO LER# 81-027/03X-2

SUPPLEMENT TO CAUSE DESCRIPTION

IT HAS BEEN DISCOVERED THAT THE OPERATING TEMPERATURES FOR THE C-2 CAPACITORS ARE ABOVE RATED DESIGN TEMPERATURES. A DESIGN CHANGE (12-1858) HAS BEEN INITIATED TO REPLACE THE PRESENT C-2 CAPACITOR WITH A NEW TYPE WHICH IS RATED AT A HIGHER OPERATING TEMPERATURE. AT THE PRESENT TIME, AN EVALUATION CONCERNING THE DESIGN CHANGE (12-1858) IS CONTINUING AT AEPSC.

FURTHER INVESTIGATION REVEALED SEVERAL PROBLEMS WITH THE CRID INVERTER ROOM VENTILATION. THESE INCLUDED FINDING: TWO BACKDRAFT DAMPERS PARTIALLY OPEN, A FAN BREAKER WAS FOUND TRIPPED, AND THE VENTILATION FAN BLADES WERE AT THE WRONG PITCH ANGLE. THESE ITEMS HAVE BEEN CORRECTED. THE ROUTINE PLANT INSPECTION PROCEDURE HAS BEEN MODIFIED TO ENSURE THAT BOTH THE INVERTER AND CRDM ROOM HVAC FANS ARE RUNNING AT ALL TIMES FOR BOTH UNITS.

THE CRID INVERTER VENTILATION SYSTEM FOR UNIT 1 WAS INSPECTED AND ONLY ONE DISCREPANCY WAS NOTED; THE BACKDRAFT DAMPERS WERE NOT CLOSING FULLY ON THE IDLE FAN. THESE DAMPERS WERE ADJUSTED AND PROPER AIR FLOW WAS OBTAINED.

THE REASON FOR THIS UPDATED LER IS DUE TO THE CANCELLATION OF DESIGN CHANGE (12-1876) AND THE INITIATION OF PROCEDURE MODIFICATIONS DEALING WITH THE INVERTER AND CRDM ROOM HVAC FANS.