LICENSEE EVENT REPORT

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

0 1 | M I D C C 1 (2) | 0 0 - 0 0 0 0 0 - 0 0 (3) | 4 1 1 1 1 (4) | (5)

LICENSEE CODE | LICENSE NUMBER | LICENSE TYPE | CAT

CON'T

0 1 | REPORT SOURCE L (6) | 0 5 0 0 0 3 1 5 (7) | 1 1 2 3 8 2 (8) | 1 2 0 3 8 2 (9)

DOCKET NUMBER | EVENT DATE | REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | DURING ROUTINE SURVEILLANCE TESTING OF THE ESSENTIAL SERVICE WATER SYSTEM, IT WAS

0 3 | DISCOVERED THAT THE MOTOR OPERATED VALVE (WMO-753) TO THE WEST TURBINE DRIVEN

0 4 | AUXILIARY FEED PUMP WOULD NOT OPEN. THIS EVENT WAS NON-CONSERVATIVE WITH RESPECT

0 5 | TO TECHNICAL SPECIFICATION 3.7.1.2. THE PUBLIC HEALTH AND SAFETY WERE NOT AFFECTED.

0 6 |

0 7 |

0 8 |

0 9 | SYSTEM CODE H F (11) | CAUSE CODE D (12) | CAUSE SUBCODE Z (13) | COMPONENT CODE Z Z Z Z Z Z (14) | COMP. SUBCODE Z (15) | VALVE SUBCODE Z (16)

(17) LER/RO REPORT NUMBER | EVENT YEAR 8 2 | — | SEQUENTIAL REPORT NO. 1 0 1 | / | OCCURRENCE CODE 0 1 | REPORT TYPE T | — | REVISION NO. 0

ACTION TAKEN X (18) | FUTURE ACTION X (19) | EFFECT ON PLANT Z (20) | SHUTDOWN METHOD Z (21) | HOURS (22) 0 0 0 0 | ATTACHMENT SUBMITTED Y (23) | NPRD-4 FORM SUB. N (24) | PRIME COMP. SUPPLIER Z (25) | COMPONENT MANUFACTURER Z 9 9 9 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | INVESTIGATION REVEALED THAT WMO-753 AND THE EXHAUST FAN 1-HV-AFP-T2 FOR THE TURBINE

1 1 | DRIVEN AUXILIARY FEED PUMP ROOM WERE OPERATING IN A REVERSED MANNER. THIS RESULTED

1 2 | IN THE VALVE MOTOR BEING DAMAGED. THE MOTOR FOR WMO-753 WAS REPLACED, AND THE

1 3 | PHASING CORRECTED. THE EQUIPMENT WAS TESTED, VERIFIED TO BE OPERATING CORRECTLY AND

1 4 | RETURNED TO SERVICE. (SEE ATTACHED SUPPLEMENT)

1 5 | FACILITY STATUS E (28) | % POWER 1 0 0 (29) | OTHER STATUS (30) NA | METHOD OF DISCOVERY B (31) | DISCOVERY DESCRIPTION (32) SURVEILLANCE TEST

1 6 | ACTIVITY RELEASED Z (33) | CONTENT OF RELEASE Z (34) | AMOUNT OF ACTIVITY (35) NA | LOCATION OF RELEASE (36) NA

PERSONNEL EXPOSURES

1 7 | NUMBER 0 0 0 (37) | TYPE Z (38) | DESCRIPTION (39) NA

PERSONNEL INJURIES

1 8 | NUMBER 0 0 0 (40) | DESCRIPTION (41) NA

LOSS OF OR DAMAGE TO FACILITY (43)

1 9 | TYPE Z (42) | DESCRIPTION NA

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PDR ADOCK 05000315
S PDR

PUBLICITY

2 0 | ISSUED N (44) | DESCRIPTION (45) NA | NRC USE ONLY

NAME OF PREPARER R.A. PALMER PHONE: 616-465-5901

GPO 917-926

ATTACHMENT TO LER#82-101/01T-0

SUPPLEMENT TO CAUSE DESCRIPTION

INVESTIGATION REVEALED THAT THE MOTOR OPERATED VALVE WMO-753 AND THE EXHAUST FAN 1-HV-AFP-T2 FOR THE TURBINE DRIVEN AUXILIARY FEED PUMP ROOM WERE OPERATING IN A REVERSED MANNER. THIS RESULTED IN THE VALVE MOTOR BEING DAMAGED. THE CAUSE OF THE MOTOR AND THE FAN OPERATING BACKWARDS WAS FOUND TO BE DUE TO A RECENT DESIGN CHANGE WHICH REPLACED THE FEEDER CABLE TO THE ASSOCIATED MOTOR CONTROL CENTER WITH A LARGER CABLE. DURING THE INSTALLATION OF THE LARGER FEEDER CABLE THE LEADS AT THE MOTOR CONTROL CENTER WERE REVERSED WHICH CAUSED THE PHASING TO BE INCORRECT.

THE MOTOR FOR WMO-753 WAS REPLACED, AND THE PHASING CORRECTED. THE EQUIPMENT WAS TESTED, VERIFIED TO BE OPERATING CORRECTLY AND RETURNED TO SERVICE.

INVESTIGATION IS STILL CONTINUING CONCERNING PREVENTIVE MEASURES. AN UPDATED LER WILL BE SUBMITTED WHEN THE INVESTIGATION IS COMPLETED.