

LICENSEE EVENT REPORT

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

M | D | C | C | N | 2 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | | | ⑤

9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE JO 57 CAT 58

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

60 61 DOCKET NUMBER 69 68 EVENT DATE 74 75 REPORT DATE 81

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

At 0623 during shutdown operations, #22 Charging Pump (Chg Pmp) tripped on overcurrent due to a short at the motor connection box reducing the number of operable chg pmps to one (T.S. 3.7.1.2.4). #21 Chg Pmp was out of service for maintenance. #22 Chg Pmp was returned to service at 1140. #23 Chg Pmp and the HPSI system were available to provide borated water during the event, therefore public safety was not affected. This is not a repetitive occurrence.

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

C | B | ⑪ | D | ⑫ | Z | ⑬ | M | O | T | O | R | X | ⑭ | Z | ⑮ | Z | ⑯ |

3 10 11 12 15 19 20

LER-RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.

⑰ | 8 | 1 | ⑱ | — | 0 | 1 | 8 | ⑳ | / | 0 | 3 | ㉑ | L | ㉒ | — | ㉓ | 0 |

21 22 23 24 26 27 28 29 30 31 32

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

X | ⑳ | G | ㉑ | Z | ㉒ | Z | ㉓ | 0 | 0 | 0 | 0 | ㉔ | Y | ㉕ | Y | ㉖ | N | ㉗ | W | 1 | 2 | 0 | ㉘ |

33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ⑳

Phase "C" motor lead was grounded in the motor connection box due to insufficient insulation of the lead during previous maintenance. Tape was found worn and abraded since its application during the recent plant refueling outage. A Facility Change Request has been initiated to provide a standard reference for low voltage applications.

FACILITY STATUS % POWER OTHER STATUS ⑳ METHOD OF DISCOVERY DISCOVERY DESCRIPTION ㉑

D | ㉒ | 0 | 0 | 0 | ㉓ | NA | A | ㉔ | Operator Observation

9 10 12 13 44 45 46 80

ACTIVITY CONTENT RELEASED AMOUNT OF ACTIVITY ㉕ LOCATION OF RELEASE ㉖

Z | ㉗ | Z | ㉘ | NA | NA |

9 10 11 44 40 80

PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION ㉙

0 | 0 | 0 | ㉚ | Z | ㉛ | NA |

9 11 12 13 80

PERSONNEL INJURIES NUMBER DESCRIPTION ㉜

0 | 0 | 0 | ㉝ | L | NA |

9 11 12 13 80

LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION ㉞

Z | ㉟ | NA |

9 10 12 80

PUBLICITY ISSUED DESCRIPTION ㉟

N | ㊱ | NA |

9 10 48 49 80

NRC USE ONLY

48 49 80 81-82

LER NO. 81-18/3L
DOCKET NO. 50-318
LICENSE NO. DPR-69
EVENT DATE 04-14-81
REPORT DATE 05-12-81
ATTACHMENT

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (CONT'D)

During the recent refueling outage, insufficient layers of insulating tape were applied to #22 Charging Pump Motor leads following maintenance. Phase "C" connection grounded when the tape abraded due to the lead contacting the internals of the motor connection box.

The Electrical Maintenance Supervisor has interviewed the electrician who performed the work and has determined this was an isolated case. Hampered by short leads, small work space, and insufficient written references to guide him, the electrician used his own judgment as to the adequacy of the insulation thickness applied. Although the thickness was sufficient electrically, it did not withstand mechanical abrasion due to vibration of the motor.

A facility change has been initiated to provide a reference for minimum insulation requirements on low voltage (480 VAC) equipment connections. Such standard reference material exists for the medium voltage plant equipment connections in a controlled document which will be revised to include 480 VAC motor connections.