

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 6 1 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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| 0 | 1 | S | C | H | B | R | 2 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 1 | 1 | 8 | 0 | 4 | | 5 |
| 7 | 8 | 9 | 14 | | | | | | 15 | 25 | | | | | | | | | | 26 | 30 | | | | 57 | CAT | 58 | |

LISCENSEE CODE LICENSE NUMBER LICENSE TYPE

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| 0 | 1 | L | 6 | 0 | 5 | 0 | 0 | 0 | 2 | 6 | 1 | 7 | 0 | 4 | 2 | 4 | 8 | 0 | 8 | 0 | 5 | 2 | 3 | 8 | 0 | 9 | | | | | | |
| 7 | 8 | 60 | | | | | | | | | | 61 | 68 | | | | | | | | | | 69 | 74 | | | | 75 | 80 | | | |

CON'T REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

On April 24, 1980, at 0407 hours during the Periodic Test PT 19.0, "Reactor Protection Logic Trains A&B (zero power only)," both source range channels N31 and N32 were inadvertently de-energized and placed out of service. At 0417 hours N31 and N32 were re-energized and placed back in service. Technical Specifications paragraph 3.5.3 was not satisfied and therefore this event is reportable under paragraph 6.9.2.b.2. The plant was in the cold shutdown condition and no adverse effects to the plant or to the public health and safety is considered to have occurred. The Intermediate Range NIS Channels were in service during this event.

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| 0 | 9 | I | B | 11 | D | 12 | Z | 13 | Z | Z | Z | Z | Z | Z | 14 | Z | 15 | Z | 16 | 17 | 8 | 0 | — | 0 | 1 | 1 | — | 0 | 3 | L | — | 0 | 18 | 0 | 0 | 0 | 0 | Y | 23 | N | 24 | Z | 25 | Z | 9 | 9 | 9 | 9 | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 8 | 9 | 10 | | 11 | 12 | 13 | | | | | | 18 | | | | 19 | 20 | | 21 | | 22 | | 23 | | 24 | | 26 | | 27 | | 28 | | 29 | | 30 | | 31 | | 32 | | 33 | | | | 34 | | | | 35 | | | | 36 | | | | 37 | | | | 40 | | | | 41 | | | | 42 | | | | 43 | | | | 44 | | | | 47 | | | |

SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO. ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

Both safeguards trains "A" and "B" were jumpered as permitted by the PT procedure to simulate power operation which de-energized both N31 and N32 simultaneously. Upon discovery, the jumpers were removed, re-energizing N31 and N32. A revision to the procedure will prevent simultaneous jumpering of both trains.

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| 1 | 5 | G | 28 | 0 | 0 | 0 | 29 | NA | 30 | A | 31 | Personnel Surveillance | 32 | NA | 33 | Z | 34 | NA | 35 | NA | 36 | NA | 37 | 0 | 0 | 0 | 38 | Z | 39 | NA | 40 | 0 | 0 | 0 | 41 | NA | 42 | Z | 43 | NA | | | |
| 7 | 8 | 9 | 10 | | 12 | | 13 | 44 | | | | 45 | | 46 | | 47 | | 48 | | 49 | | 50 | | 51 | | 52 | | 53 | | 54 | | 55 | | 56 | | 57 | | 58 | | 59 | | 60 | |

FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION ACTIVITY CONTENT AMOUNT OF ACTIVITY LOCATION OF RELEASE PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION PERSONNEL INJURIES NUMBER DESCRIPTION LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 2 | 0 | N | 44 | 80 | 05290474 | NA | 68 | 69 | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 8 | 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 | | | |

ISSUED DESCRIPTION PUBLICITY NAME OF PREPARER R. B. Starkey, Jr. PHONE: (803) 383-4524 NRC USE ONLY

Supplementary Information

for

Reportable Occurrence 80-11

1. Cause Description and Analysis:

On April 24, 1980, at 0407 hours, during performance of the periodic test PT-19.0, "Reactor Protection Logic Trains A&B (zero power only)," both source range nuclear instrumentation channels, N31 and N32 were de-energized inadvertently, placing them out of service. They were de-energized per the procedure by jumpering both safeguards trains "A" and "B" at the same time to simulate power operation. Although not prevented by the procedure, the simultaneous jumpering, affecting both trains, had not been done before. On this occasion the technician elected this approach in an effort to expedite completion of the test. The operator, upon noting the loss of both channels, began immediately to try to identify the problem. However, since this condition had never occurred before during the performance of this PT, the jumpers were not suspected as being the cause. As other possibilities were eliminated, the jumpers of the PT were identified as the cause and their removal returned the source range channels N31 and N32 to service at 0417 hours. While both nuclear instrumentation channels were out of service, Technical Specifications paragraph 3.5.3 was not satisfied which constitutes a reportable occurrence under paragraph 6.9.2.b.2. However both intermediate channels of NIS protection were operating normally during this time. The plant was in cold shutdown condition at the time of the occurrence. No adverse effects to the public health and safety is considered to have occurred due to this occurrence.

2. Corrective Action:

When N31 and N32 were discovered de-energized (OOS), the jumpers were immediately removed from the safeguards trains "A" and "B", placing the nuclear instrumentation channels back in service.

3. Corrective Action to Prevent Further Occurrence:

Periodic test PT 19.0 "Reactor Protection Logic Trains A&B (zero power only)", does not include a precaution to avoid testing both trains at the same time. This test will be revised to include the appropriate precaution statement to avoid a recurrence of this incident.