NRC FORM 366
(7-77)

U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

EXHIBIT A

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

| 0 | 1 | | A | R | A | N | 0 | 2 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | | | 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 8 | 9 | LICENSEE CODE | | | | | 14 | 15 | LICENSE NUMBER | | | | | | | | | | | 25 | 26 | LICENSE TYPE | | | | 30 | 57 | CAT | 58 | |

| 0 | 1 | REPORT SOURCE | L | 6 | 0 | 5 | 0 | 0 | 0 | 3 | 6 | 8 | 7 | 0 | 2 | 1 | 8 | 8 | 3 | 8 | 0 | 3 | 1 | 8 | 8 | 3 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 8 | 60 | | | 61 | DOCKET NUMBER | | | | | | | 68 | 69 | EVENT DATE | | | | | 74 | 75 | REPORT DATE | | | | | | 80 |

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

| 0 | 2 | While in mode 3 and feeding the steam generators with emergency feedwater (EFW) pump 2P-7B, control valve |
|---|---|---|
| 0 | 3 | 2CV-1036 failed to close. Feedwater was being controlled with 2CV-1036 because 2CV-1075 was inoperable as |
| 0 | 4 | reported in LER-83-007. The ability to feed the steam generators with 2P-7B through a cross connect was |
| 0 | 5 | maintained and EFW pump, 2P-7A, and its train remained operable. Similar LER's include (50-368) 82-048, |
| 0 | 6 | 82-095, 82-015, 81-045, 81-032 and 79-040. This is reportable per Technical Specification 6.9.1.9.b. |
| 0 | 7 | |
| 0 | 8 | 7 8 9 80 |

| 0 | 9 | SYSTEM CODE | H | H | 11 | CAUSE CODE | E | 12 | CAUSE SUBCODE | A | 13 | COMPONENT CODE | R | E | L | A | Y | X | 14 | COMP SUBCODE | A | 15 | VALVE SUBCODE | Z | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 8 | | 9 | 10 | | | 11 | | | 12 | | | 13 | | | | | | 18 | | 19 | | | 20 | | |

| LER/RO REPORT NUMBER | 17 | EVENT YEAR | 8 | 3 | 21 22 | | 23 | SEQUENTIAL REPORT NO. | 0 | 1 | 1 | 24 26 | / | 27 | OCCURRENCE CODE | 0 | 3 | 28 29 | REPORT TYPE | L | 30 | | 31 | REVISION NO | 0 | 32 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ACTION TAKEN | A | 18 | FUTURE ACTION | Z | 19 | EFFECT ON PLANT | Z | 20 | SHUTDOWN METHOD | Z | 21 | HOURS | 0 | 0 | 0 | 0 | 22 | ATTACHMENT SUBMITTED | N | 23 | NPRD-4 FORM SUB | Y | 24 | PRIME COMP. SUPPLIER | A | 25 | COMPONENT MANUFACTURER | I | 2 | 0 | 2 | 26 |
| 33 | | | 34 | | | 35 | | | 36 | | | 37 40 | | | | | | 41 | | | 42 | | | 43 | | | 44 47 | | | | |

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

| 1 | 0 | Immediate actions were to isolate the failed valves and feed the steam generators via a cross connect through |
|---|---|---|
| 1 | 1 | valves 2EFW-11B and 2EFW-8A. The cause of this event was a shorted relay coil which caused the control power |
| 1 | 2 | fuse in control panel 2C-17 for 2CV-1036 to open. Both the relay and the fuse were replaced. The failed relay |
| 1 | 3 | was an ITE Imperial #220-EB220PA-5; it was replaced with a Gould relay of the same number. 2CV-1036 was |
| 1 | 4 | 7 8 9 returned to service within the constraints of Technical Specification 3.7.1.2. 80 |

| 1 | 5 | FACILITY STATUS | X | 28 | % POWER | 0 | 0 | 0 | 29 | OTHER STATUS | Hot Standby | 30 44 | METHOD OF DISCOVERY | A | 31 45 | DISCOVERY DESCRIPTION | Attempted Operation | 46 80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 8 | | 9 | | | 10 12 | | | | | 13 | | | | | | | | |

| 1 | 6 | ACTIVITY RELEASED | Z | 33 | CONTENT OF RELEASE | Z | 34 | AMOUNT OF ACTIVITY | NA | 35 | LOCATION OF RELEASE | NA | 36 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 8 | | 9 | | | 10 | | 11 | | 44 | 45 | | | 80 |

| 1 | 7 | PERSONNEL EXPOSURES NUMBER | 0 | 0 | 0 | 37 | TYPE | Z | 38 | DESCRIPTION | NA | 39 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 8 | | 9 | | | 11 | | 12 | | | 13 | | 80 |

| 1 | 8 | PERSONNEL INJURIES NUMBER | 0 | 0 | 0 | 40 | DESCRIPTION | NA | 41 |
|---|---|---|---|---|---|---|---|---|---|
| 7 8 | | 9 | | | 11 | | 12 | | 80 |

| 1 | 9 | LOSS OF OR DAMAGE TO FACILITY TYPE | Z | 42 | DESCRIPTION | NA | 43 |
|---|---|---|---|---|---|---|---|
| | | | | | | | 80 |

| 2 | 0 | PUBLICITY ISSUED | N | 44 | DESCRIPTION | NA | 45 | NRC USE ONLY |
|---|---|---|---|---|---|---|---|---|
| 7 8 | | 9 | | | 10 | | 68 | 69 80 |

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