

LICENSEE EVENT REPORT

LL2-81-0064

Attachment 1

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

0 1 [ P I A T M I ] 2 [ 0 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

CON'T

0 1 [ L ] 6 [ 0 5 ] 7 [ 0 ] 8 [ 0 ] 9 [ 0 ] 10 [ 3 ] 11 [ 2 ] 12 [ 0 ] 13 [ 0 ] 14 [ 2 ] 15 [ 0 ] 16 [ 2 ] 17 [ 8 ] 18 [ 1 ] 19 [ 8 ] 20 [ 0 ] 21 [ 3 ] 22 [ 0 ] 23 [ 5 ] 24 [ 8 ] 25 [ ] 26 [ ] 27 [ ] 28 [ ] 29 [ ] 30 [ ]

7 8 REPORT SOURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 At 1145 hours on February 2nd, while performing surveil<sup>1</sup> ice 4333-R2, deluge valve

0 3 FS-V-426A failed to operate properly. Manual actuation capability was confirmed and

0 4 a roving fire watch implemented.

0 5 This is not a violation of any Tech. Spec., it is reportable under section 6.9.1.9(b)

0 6 due to inadvertent entry into the action statement of section 3.7.10.2. This event

0 7 had no effect on the plant, its operation, or the health and safety of the public.

0 9

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SYSTEM CODE [ A B ] 11 [ ] 12 [ ] 13 [ ] COMPONENT CODE [ V A L V O P ] 14 [ ] 15 [ ] 16 [ ]

CAUSE CODE [ E ] 17 [ ] 18 [ ] CAUSE SUBCODE [ B ] 19 [ ] 20 [ ]

COMP SUBCODE [ F ] 21 [ ] 22 [ ] VALVE SUBCODE [ Z ] 23 [ ] 24 [ ]

17 LER/RO REPORT NUMBER [ ] 21 [ 8 ] 22 [ 1 ] 23 [ ] 24 [ ] 25 [ ] 26 [ ] 27 [ ] 28 [ ] 29 [ ] 30 [ ] 31 [ ] 32 [ ]

EVENT YEAR [ 8 ] 21 [ 1 ] 22 [ ] 23 [ ] 24 [ ] 25 [ ] 26 [ ] 27 [ ] 28 [ ] 29 [ ] 30 [ ] 31 [ ] 32 [ ]

18 ACTION TAKEN [ B ] 19 FUTURE ACTION [ Z ] 20 EFFECT ON PLANT [ Z ] 21 SHUTDOWN METHOD [ Z ] 22 HOURS [ 0 ] 23 [ 0 ] 24 [ 0 ] 25 [ 0 ] 26 [ ] 27 [ ] 28 [ ] 29 [ ] 30 [ ] 31 [ ] 32 [ ]

33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

ATTACHMENT SUBMITTED [ Y ] 41 [ ] 42 [ ] 43 [ ] 44 [ ] 45 [ ] 46 [ ] 47 [ ]

PRIME COMP. SUPPLIER [ A ] 48 [ ] 49 [ ] 50 [ ] 51 [ ] 52 [ ] 53 [ ] 54 [ ] 55 [ ] 56 [ ] 57 [ ] 58 [ ] 59 [ ] 60 [ ]

COMPONENT MANUFACTURER [ S ] 61 [ 2 ] 62 [ 1 ] 63 [ 2 ] 64 [ ] 65 [ ] 66 [ ] 67 [ ] 68 [ ] 69 [ ] 70 [ ] 71 [ ] 72 [ ] 73 [ ] 74 [ ] 75 [ ] 76 [ ] 77 [ ] 78 [ ] 79 [ ] 80 [ ]

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The solenoid was dismantled but there was no apparent cause for the malfunction. The

1 1 parts were cleaned and reassembled. Subsequent testing showed the operator to be

1 2 functioning properly. The operator was reinstalled and the system returned to

1 3 an operable status.

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FACILITY STATUS [ X ] 28 [ ] 29 [ ] 30 [ ] 31 [ ] 32 [ ] 33 [ ] 34 [ ] 35 [ ] 36 [ ] 37 [ ] 38 [ ] 39 [ ] 40 [ ] 41 [ ] 42 [ ] 43 [ ] 44 [ ] 45 [ ] 46 [ ] 47 [ ]

% POWER [ 0 ] 48 [ 0 ] 49 [ 0 ] 50 [ 0 ] 51 [ ] 52 [ ] 53 [ ] 54 [ ] 55 [ ] 56 [ ] 57 [ ] 58 [ ] 59 [ ] 60 [ ]

OTHER STATUS [ Recovery Mode ] 30 [ ] 31 [ ] 32 [ ] 33 [ ] 34 [ ] 35 [ ] 36 [ ] 37 [ ] 38 [ ] 39 [ ] 40 [ ] 41 [ ] 42 [ ] 43 [ ] 44 [ ] 45 [ ] 46 [ ] 47 [ ]

METHOD OF DISCOVERY [ B ] 31 [ ] 32 [ ] 33 [ ] 34 [ ] 35 [ ] 36 [ ] 37 [ ] 38 [ ] 39 [ ] 40 [ ] 41 [ ] 42 [ ] 43 [ ] 44 [ ] 45 [ ] 46 [ ] 47 [ ]

DISCOVERY DESCRIPTION [ Operator Observation ] 32 [ ] 33 [ ] 34 [ ] 35 [ ] 36 [ ] 37 [ ] 38 [ ] 39 [ ] 40 [ ] 41 [ ] 42 [ ] 43 [ ] 44 [ ] 45 [ ] 46 [ ] 47 [ ]

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ACTIVITY CONTENT [ Z ] 33 [ ] 34 [ ] 35 [ ] 36 [ ] 37 [ ] 38 [ ] 39 [ ] 40 [ ] 41 [ ] 42 [ ] 43 [ ] 44 [ ] 45 [ ] 46 [ ] 47 [ ]

RELEASED OF RELEASE [ Z ] 34 [ ] 35 [ ] 36 [ ] 37 [ ] 38 [ ] 39 [ ] 40 [ ] 41 [ ] 42 [ ] 43 [ ] 44 [ ] 45 [ ] 46 [ ] 47 [ ]

AMOUNT OF ACTIVITY [ N/A ] 35 [ ] 36 [ ] 37 [ ] 38 [ ] 39 [ ] 40 [ ] 41 [ ] 42 [ ] 43 [ ] 44 [ ] 45 [ ] 46 [ ] 47 [ ]

LOCATION OF RELEASE [ N/A ] 36 [ ] 37 [ ] 38 [ ] 39 [ ] 40 [ ] 41 [ ] 42 [ ] 43 [ ] 44 [ ] 45 [ ] 46 [ ] 47 [ ]

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PERSONNEL EXPOSURES NUMBER [ 0 ] 37 [ 0 ] 38 [ 0 ] 39 [ ] 40 [ ] 41 [ ] 42 [ ] 43 [ ] 44 [ ] 45 [ ] 46 [ ] 47 [ ]

TYPE [ Z ] 40 [ ] 41 [ ] 42 [ ] 43 [ ] 44 [ ] 45 [ ] 46 [ ] 47 [ ]

DESCRIPTION [ N/A ] 39 [ ] 40 [ ] 41 [ ] 42 [ ] 43 [ ] 44 [ ] 45 [ ] 46 [ ] 47 [ ]

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PERSONNEL INJURIES NUMBER [ 0 ] 40 [ 0 ] 41 [ 0 ] 42 [ ] 43 [ ] 44 [ ] 45 [ ] 46 [ ] 47 [ ]

DESCRIPTION [ N/A ] 41 [ ] 42 [ ] 43 [ ] 44 [ ] 45 [ ] 46 [ ] 47 [ ]

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LOSS OF OR DAMAGE TO FACILITY TYPE [ Z ] 42 [ ] 43 [ ] 44 [ ] 45 [ ] 46 [ ] 47 [ ]

DESCRIPTION [ N/A ] 43 [ ] 44 [ ] 45 [ ] 46 [ ] 47 [ ]

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PUBLICITY ISSUED [ N ] 44 [ ] 45 [ ] 46 [ ] 47 [ ]

DESCRIPTION [ N/A ] 45 [ ] 46 [ ] 47 [ ]

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G.P.O. 51-7-72-02

LICENSEE EVENT REPORT  
NARRATIVE REPORT  
TMI-II  
LER 81-003/03L-0  
EVENT DATE - February 02, 1981

I. EXPLANATION OF OCCURRENCE

At 1145 hours on February 2nd, while performing surveillance 4333-R2, "Fire System Deluge/Sprinkler System Functional Test," deluge valve FS-V-426A failed to operate properly. When its associated heat detector was tripped the appropriate alarms were received, but the deluge valve did not actuate automatically as required.

Subsequent manual actuation of the deluge valve functioned properly upon actuation. Deluge valve FS-V-426A provides fire protection of the Emergency Diesel Generator Air Intake.

This is not a violation of Technical Specifications but this report is submitted because action statement 3.7.10.2 was entered unintentionally.

II. CAUSE OF THE OCCURRENCE

The apparent cause of this event was the malfunction of the valves solenoid operator which arrested the automatic release of the hydraulic lock in the deluge valve.

III. CIRCUMSTANCES SURROUNDING THE OCCURENCE

At the time of the occurrence, the Unit 2 facility was in a long-term cold shutdown state. The reactor decay heat was being removed via loss to ambient. Throughout the event there was no effect on the Reactor Coolant System or the core.

IV. CORRECTIVE ACTIONS TAKEN OR TO BE TAKEN

IMMEDIATE

A roving fire watch to check the affected area hourly was implemented. The manual actuation of the deluge valve was considered adequate for the required backup suppression capability required by Tech. Specs.

The solenoid was dismantled but there was no apparent cause for the malfunction. The parts were cleaned and reassembled. Subsequent testing showed the operator to be functioning properly. The operator was reinstalled and the system returned to an operable status.

LONG TERM

N/A

V. COMPONENT FAILURE DATA

Skinner Uniflow Valves  
Series L  
125 V DC Solenoid Valve