NRC FORM 366
(7-77)

LICENSEE EVENT REPORT

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

0 1 | I L D R S 2 (2) | 0 0 - 0 0 0 0 0 - 0 0 (3) | 4 1 1 1 1 (4) | (5)

8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CON'T.

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

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | While performing DOS 2300-3 (HPCI Turbine Quarterly Surv.) the HPCI turbine tripped

0 3 | on low pump suction pressure of 11.5 psig which exceeds the Dresden setpoint of 9.4

0 4 | in. Hg vacuum increasing. Safety significance was reduced since redundant Isolation

0 5 | Condenser and Auto Depressurization Systems were operable. No previous similar

0 6 | events at Dresden.

0 7 |

0 8 | 80

8 9

0 9 | SYSTEM CODE S F (11) | CAUSE CODE E (12) | CAUSE SUBCODE E (13) | COMPONENT CODE I N S T R U (14) | COMP. SUBCODE E (15) | VALVE SUBCODE Z (16)

8 9 10 11 12 13 18 19 20

(17) LER/RO REPORT NUMBER: EVENT YEAR 7 8 (21 22) — (23) SEQUENTIAL REPORT NO. 0 5 5 (24 26) / (27) OCCURRENCE CODE 0 1 (28 29) REPORT TYPE T (30) — (31) REVISION NO. 0 (32)

ACTION TAKEN E (18) | FUTURE ACTION Z (19) | EFFECT ON PLANT Z (20) | SHUTDOWN METHOD Z (21) | HOURS (22) 0 0 0 0 (37 40) | ATTACHMENT SUBMITTED Y (23) | NPRD-4 FORM SUB. Y (24) | PRIME COMP. SUPPLIER N (25) | COMPONENT MANUFACTURER M 2 3 5 (26)

33 34 35 36 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | The cause was attributable to instrument drift of pressure switch PS 2-2360. The

1 1 | switch was recalibrated to trip at -9.4" Hg increasing. The switch will be checked

1 2 | in two months to ensure its continued acceptability.

1 3 |

1 4 | 80

8 9

FACILITY STATUS E (28) | % POWER 0 9 2 (29) | OTHER STATUS (30) NA | METHOD OF DISCOVERY B (31) | DISCOVERY DESCRIPTION (32) Surveillance Testing

1 5 | 8 9 10 12 13 44 45 46 80

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

1 6 | 8 9 10 11 44 45 80

PERSONNEL EXPOSURES: NUMBER 0 0 0 (37) | TYPE (38) | DESCRIPTION (39)

1 7 | 8 9 11 12 13 80

PERSONNEL INJURIES: NUMBER 0 0 0 (40) | DESCRIPTION (41) NA

1 8 | 8 9 11 12 80

LOSS OF OR DAMAGE TO FACILITY: TYPE Z (42) | DESCRIPTION NA

1 9 | 8 9 10 80

PUBLICITY: ISSUED N (44) | DESCRIPTION (45) NA | NRC USE ONLY

2 0 | 8 9 10 68 69 80

8105200097 S

NAME OF PREPARER Carl Lindberg PHONE: X-289

GPO 917-926

ATTACHMENT TO LICENSEE EVENT REPORT 78-055/01T-0
COMMONWEALTH EDISON COMPANY (CWE)
DRESDEN UNIT-2 (ILDRS-2)
DOCKET #050-237

While conducting the HPCI Turbine Quarterly Surveillance DOS 2300-3, the HPCI Turbine tripped on low pump suction pressure sensed by pressure switch PS-2-2360. The switch tripped at 11.5 psig which is considerably above the Dresden setpoint of 9.4" Hg vacuum increasing. The safety significance of the event was reduced since the redundant Isolation Condenser and Automatic Depressurization Systems were operable.

In the surveillance procedure, normally closed MO valves 2-2301-14 (Flow to Torus), 2-2301-10 (Flow to 2/3B Contaminated Condensate Storage Tank), and 2-2301-49 (HPCI bypass line) are all opened and the HPCI turbine is started against little backpressure. Using a temporary procedure change, valve 2301-10 was closed to restrict the pumps discharge and HPCI started normally. Valve 2301-10 was subsequently throttled and proper flows and pressures were obtained to satisfactorily demonstrate operability in accordance with the surveillance requirements.

However, after subsequent management review on the next normal working day, it was concluded that HPCI might not have been operational under all accident conditions and should have been reported inoperable in accordance with Technical Specifications 6.6.B.1.e.

The cause of the trip was instrument drift of PS2-2360. The switch was recalibrated to trip at 9.4 inches Hg vacuum increasing. These switches have been calibrated each refueling outage in the past, and a review of records indicates no unusual tendency for excessive drifting of the switch setpoints. The switch will be checked in two months to ensure its continued acceptability.