

LICENSEE EVENT REPORT

CONTROL BLOCK:

(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
3		9 LICENSEE CODE 14						15	LICENSE NUMBER 25												26	LICENSE TYPE 30					57	CAT 58	

CON'T.

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 While performing DOS 2300-3 (HPCI Turbine Quarterly Surv.) the HPCI turbine tripped
03 on low pump suction pressure of 11.5 psig which exceeds the Dresden setpoint of 9.4
04 in. Hg vacuum increasing. Safety significance was reduced since redundant Isolation
05 Condenser and Auto Depressurization Systems were operable. No previous similar
06 events at Dresden.
07
08

SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP SUBCODE		VALVE SUBCODE														
S	F	11	E	12	E	13	I	N	S	T	R	U	14	E	15	Z	16									
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26									
LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.																
17	7	8	21	22	0	5	5	24	25	26	0	1	27	28	29	T	30	31	0	32						
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER										
F	18	3	19	33	34	Z	20	35	0	0	0	0	36	37	38	39	40	41	Y	23	42	43	44	45	46	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.

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FACILITY STATUS (28) 1 5 E 0 9 2 (29) NA OTHER STATUS (30) METHOD OF DISCOVERY (31) B Surveillance Testing DISCOVERY DESCRIPTION (32) 80
 ACTIVITY CONTENT RELEASED OF RELEASE (33) 1 6 Z 7 (34) NA AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36) NA 80

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	37		38		

PERSONNEL INJURIES				DESCRIPTION
NUMBER				
1	8	0	0	NA

LOSS OF OR DAMAGE TO FACILITY		(43)
TYPE	DESCRIPTION	
9	7 (42)	NA

PUBLICATION		ISSUED		DESCRIPTION		NRC USE ONLY																	
2	0	N	44	NA																			

NRC USE ONLY

007-926

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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.