

LICENSEE EVENT REPORT

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

0	1	1	L	Q	A	D	2	0	0	0	-	0	0	0	-	0	0	0	4	1	1	1	1	4	
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
LICENSEE CODE														LICENSE NUMBER						LICENSE TYPE					

0	1	L	0	5	0	0	0	2	6	5	0	2	2	0	8	1	0	3	0	2	8	1						
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29						
CONT		REPORT SOURCE									DOCKET NUMBER						EVENT DATE						REPORT DATE					

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 1 While performing QIS 19-1, Quarterly Low Condenser Vacuum Calibration and Functional
 0 2 Test, all four switches were found to trip in excess of greater than or equal to 23
 0 3 inches Hg vacuum, as required by Technical Specifications. The low condenser vacuum
 0 4 scram is a backup scram to the Turbine Stop Valve Closure scram of 22 inches Hg.
 0 5 The low vacuum scram would have occurred at 22.8 inches; therefore, the safety
 0 6 consequences are minimal.

1	I	A	E	E	I	N	S	T	R	U	S	Z
9	10	11	12	13	14	15	16	17	18	19	20	21
SEQUENTIAL REPORTING												

17	8	1	0	0	4	0	1	T	0										
21	22	23	24	25	26	27	28	29	30										
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB		PRIME COMP SUPPLIER		REVISION NO		COMPONENT MANUFACTURER	
E	Z	Z	Z	0	0	0	0	Y	Y	N	B	0	6	9	0				
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause of this occurrence is instrument setpoint drift. All switches were
 1 1 immediately recalibrated and functionally tested satisfactorily.

1	5	E	0	9	8	NA	B	Routine Surveillance
7	8	9	10	11	12	13	14	15
FACILITY STATUS						OTHER STATUS		DISCOVERY DESCRIPTION

1	6	Z	Z	NA	NA		
7	8	9	10	11	12		
ACTIVITY CONTENT				AMOUNT OF ACTIVITY		LOCATION OF RELEASE	

1	7	0	0	0	Z	NA
7	8	9	10	11	12	
PERSONNEL EXPOSURES						

1	8	0	0	0	NA
7	8	9	10	11	
PERSONNEL INJURIES					

1	9	Z	NA
7	8	9	10
LOSS OF OR DAMAGE TO FACILITY			

2	0	N	NA
7	8	9	10
PUBLICITY			

NAME OF PREPARER Jeffrey J Kopacz PHONE 309-654-2241, ext. 178

- I. LER NUMBER: LER/RO 81-4/01T-0
- II. LICENSEE NAME: Commonwealth Edison Company
Quad-Cities Nuclear Power Station
- III. FACILITY NAME: Unit Two
- IV. DOCKET NUMBER: 050-265
- V. EVENT DESCRIPTION:

On February 20, 1981, Unit Two was operating at 2467 Mwt, 781 MWe. Quarterly surveillance test QIS 19-1 (Low Condenser Vacuum Calibration and Functional Test) was performed to verify proper instrument trip setpoints. All four switches were found to trip in excess of Technical Specification Table 3.1-3 requirements, greater than or equal to 23 inches Hg vacuum. A low condenser vacuum scram would have resulted at 22.8 inches Hg based upon the "as found" pressure switch setpoints. These setpoints were as follows: 2-503A, 22.4; 2-503B, 22.8; 2-503C, 22.8; and 2-503D, 22.4. All switches were recalibrated to within allowable limits, and functionally tested.

VI. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

The low condenser vacuum switches anticipate a condenser loss of vacuum and scram the reactor prior to the stop and bypass valve closure. The transient created from the low vacuum scram is less severe than that caused by stop valve closure scram. In both cases, these are analyzed transients; therefore, the consequences are minimal.

VII. CAUSE:

The cause of this occurrence was instrument setpoint drift. The largest drift occurred on switch 2-503D of 1.05 inches Hg. All other switches drifted less than 1 inch Hg.

VIII. CORRECTIVE ACTION:

The switches were recalibrated to within their proper setpoints. The as-left setpoints were 2-503A, 23.3; 2-503B, 23.4; 2-503C, 23.35; and 2-503D, 23.45. No other corrective action is deemed necessary, as these switches have had few drift problems in the past.