

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

[illegible]

- I. LER NUMBER: LER/RO 79-24/03L-0
- II. LICENSEE NAME: Commonwealth Edison Company
Quad-Cities Nuclear Power Station
- III. FACILITY NAME: Unit One
- IV. DOCKET NUMBER: 050-254
- V. EVENT DESCRIPTION: On July 24, 1979, while performing the Pressure Suppression Chamber Reactor Building Vacuum Breaker Actuation Calibration and Functional Test, procedure QIS 48-1, pressure switch PS 1-16228 was found to actuate at 0.61 psid. This is in excess of Technical Specification 3.7.A.3.a limiting condition for operation of 0.5 psid. The immediate corrective action was to recalibrate the switch. There have been occurrences of this type on Unit One in the past, with the latest being documented by RO 78-22/03L which occurred on July 26, 1978.
- VI. PROBABLE CONSEQUENCES OF THE OCCURRENCE: The reactor building to suppression chamber vacuum breaker system consists of two, 100 percent flow capacity systems. Pressure switch PS 1-1622A was found to trip within limits and would have actuated within the required differential pressure and opened vacuum breaker AO 1-1601-20A, relieving any negative pressure in the suppression chamber, had the need arose. Pressure switch PS 1-1622B would have tripped at 0.61 psid, which is well under the 2 psid suppression chamber design external pressure. Therefore, the safety implications of this event were minimal. In addition to this, the vacuum breakers were at all times remotely-manually operable from the Control Room, and the suppression chamber pressure indicator was fully operable.
- VII. CAUSE: The cause of this occurrence is attributed to instrument setpoint drift. There was no evidence of physical damage to the switch. The switch is manufactured by the Static-O-Ring Company and are of a diaphragm type, model number 12NN-KK215-VX.
- VIII. CORRECTIVE ACTION: The corrective action was to recalibrate and functionally test the pressure switch. This is the second instance of instrument setpoint drift since these particular switches were installed on Unit One on December 13, 1977.

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