

- I. LER NUMBER: RO 80-05/03L-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 March 3, 1980, while performing the LPCI and Containment Cooling Modes of RHRS Logic Test, procedure QMS 700-2, timer 10A-M2A failed to actuate relay K21A and the relay failed to energize. The 10A-M2A timer is used to delay the starting of the 1002B RHR pump. The three remaining timers in the one-out-of-two-twice logic circuit were tested satisfactorily. The testing of the LPCI and Containment Cooling modes of the RHR system were being performed in accordance with Technical Specification 4.5.A.3.

- VI. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

The starting of the pump is delayed to prevent Diesel Generator overload. Because the timers are connected in a one-out-of-two-twice logic circuit, and the 10A-M4A timer operated properly, the logic circuit would have operated as designed and started the 1002B RHR Pump in the required 5 seconds. Plant safety was not affected.

- VII. CAUSE:

The cause of this occurrence is designated as equipment failure. The micro-switch on the timer had drifted from its initial adjustment, preventing the timer from actuating the relay properly. The timer unit is manufactured by Hayden Manufacturing Company.

- VIII. CORRECTIVE ACTION:

The micro-switch on the timer was readjusted to allow the timer to work properly. The timer was retested and was found to actuate the relay after the 5 second time delay as designed.