

## (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

- I. LER NUMBER: LER/RO 79-33/03L-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:

At 6:45 AM on October 25, 1979 while performing monthly routine testing, QOS 6600-1, the Unit 1/2 diesel generator failed to accept full rated load of 2500 KW. With the 1/2 diesel generator loaded to bus 23-1, erratic behavior was observed at approximately 2200 KW. At 7:05 AM the load was switched to bus 13-1 with the same result. With the diesel generator running at 500 KW the operations department began investigating the situation. In accordance with Technical Specification 3.9.E.1 the Unit One and Two diesel generators, and the low pressure core cooling systems, and all loops of the containment cooling mode of the RHR system were demonstrated operable. The problem was believed to be related to the diesel generator governor and work request Q 01620 was written. Unit One was operating in the RUN mode at 812 MWe and 2459 MWt and Unit Two was operating in RUN at 410 MWe and 1366 MWt.

VI. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

The effect of the event on the overall safety of the reactor was minimal. Both unit diesel generators were verified operable as required, and would have been capable of carrying the necessary loads had the need occurred.

VII. CAUSE

The apparent cause of the occurrence was a plugged fuel oil filter. Initially the problem was thought to be the governor; however, while this was being replaced, the fuel oil filter was checked and found to be fouled. This was inhibiting proper flow and causing a reduction in the capability of the diesel generator to accept full load. The fuel oil filter is manufactured by Electro-Motive Division of G.M.

VIII. CORRECTIVE ACTION

The immediate corrective action was to replace the governor and fuel oil filter. With these installed, the 1/2 diesel generator was run and declared to be in an operable status, however, the new governor fine adjustments were not totally satisfactory. The old governor was then reinstalled with resultant acceptable operation. Samples were taken from the fuel oil storage tanks and will be analyzed. The fuel filters on the Unit One and Two diesel generators were also changed.