



I. LER NUMBER: 82-097/03L-0

II. LASALLE COUNTY STATION: UNIT 1

III. DOCKET NUMBER: 050-373

IV. EVENT DESCRIPTION:

On August 16, 1982 at 6:24 p.m. the RCIC Injection Line Testable Check Valves 1E51-F066 and 1E51-F065 and their respective Equalizing Valves 1E51-F355 and 1E51-F354 were cycled per LOS-RI-Q3. These valves failed to close per control room indication.

V. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

At the time of the occurrence the reactor was in the Run Mode at approximately 100 MWT. The RCIC system had been run successfully just prior to cycling the Testable Check Valves per the LOS-RI-Q3 procedure. The RCIC Injection Valve 1E51-F013, was taken Out of Service to isolate the penetration pursuant to Technical Specification 3.6.3. Safe plant operation was maintained at all times.

VI. CAUSE:

It has been determined that Testable Check Valves 1E51-F066 and F065 have an indication problem. The valves close fully, however the cam which operates the valves' indication limit switches does not always follow actual valve movement. The Equalizing Valves 1E51-F355 and F354 would not close due to insufficient spring tension, which closes the valves. The Testable Check Valves were manufactured by Anchor Darling. The Equalizing Valves were made by WKM.

VII. CORRECTIVE ACTION:

Work Request #L18174, L18175, L18176, and L18177 were written on 1E51-F066, F355, F354, and F065 respectively.

On August 17, 1982, maintenance foremen observed proper indication during the cycling of valves 1E51-F066 and F354 prior to any work being performed. The corresponding work requests were then cancelled. The reactor was shutdown at this time at a pressure of approximately 400 psig. Experience has shown that these valves operate properly at reduced reactor pressure, as was the case here.

The spring tension of 1E51-F355 and F354 was increased under new work requests #L18355 and L18354 such that the valves would close at reactor rated pressure.

The work on these work requests was completed on Aug. 25, 1982 awaiting testing.

Testable Check Valve 1E51-F065 will be disassembled, with an Anchor Darling representative present, to determine what further corrective action will be performed for the indication problem. AIR# 01-82-475 will track the completion of this work.