



- I. LER NUMBER: 82-105-03L-0
- II. LASALLE COUNTY STATION: UNIT 1
- III. DOCKET NUMBER: 05000373
- IV. EVENT DESCRIPTION:

Technical Specification 3.6.3 requires that valve 1B33-F020, the reactor water sample outboard isolation valve, close in 5 seconds or less. On September 20, 1982, during the performance of LOS-PC-Q1, valve 1B33-F020 isolated in 6 seconds, one second more than allowable. The valve was immediately disabled in the closed position.

- V. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

After the valve failed its surveillance, valve 1B33-F020 was disabled in the isolated (closed) position. The sampling line is only 3/4 inch diameter, and the 6 second closing time does not allow for a significant release from primary containment in accident conditions. Safe plant operation was maintained at all times.

- VI. CAUSE:

The valve has an air open-spring close type of operation. The spring tension was not great enough to close the valve within 5 seconds. This valve is a 3/4 inch, control valve, type 70-18-9 DRT, supplied by W-K-M valve division of ACF Industries. It is noted that this is the first time this surveillance has been run at rated pressure, and that may be the reason why the slow closure time was not encountered before.

- VII. CORRECTIVE ACTION:

Valve 1B33-F020 was closed and placed Out-of-Service by removing and tagging its fuses. Work Request L-19140 was then written to investigate and resolve the problem. Mechanical Maintenance tightened the spring on the valve, and the valve cycled properly thereafter. The valve was then declared operative, and the Out-of-Service was removed.

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