

CONTAINMENT SYSTEMS

MSIV LEAKAGE CONTROL SYSTEM

LIMITING CONDITION FOR OPERATION

3.6.1.4 Two independent MSIV leakage control system (LCS) subsystems shall be OPERABLE.

APPLICABILITY: OPERATIONAL CONDITIONS 1, 2, and 3.

ACTION:

With one MSIV leakage control system subsystem inoperable, restore the inoperable subsystem to OPERABLE status within 30 days or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.

SURVEILLANCE REQUIREMENTS

4.6.1.4 Each MSIV leakage control system subsystem shall be demonstrated OPERABLE:

- a. At least once per 31 days by:
 1. Starting the blower(s) from the control room and operating the blower(s) for at least 15 minutes.
 2. Energizing the heater and verifying the current to be $\pm 10\%$ of rated current for each heater.
- b. During each COLD SHUTDOWN, if not performed within the previous 92 days, by cycling each depressurizing valve and steam isolation valve through at least one complete cycle of full travel.
- c. At least once per 18 months by:
 1. Performance of a functional test which includes simulated actuation of the subsystem throughout its operating sequence, and verifying that each automatic valve actuates to its correct position and the blower starts.
 2. Verifying that the blower develops at least the below required vacuum at the rated capacity: ~~-17" H₂O AT THE BLOWER~~ *SUCTION, WITH 30 cfm*
 - a) ~~Inboard valves, 17" H₂O at 30 scfm.~~
 - b) ~~Outboard valves, 17" H₂O at 30 scfm.~~ *OF DILUTION FLOW.*
- d. By verifying the flow, pressure and temperature instrumentation to be OPERABLE by performance of a:
 1. CHANNEL FUNCTIONAL TEST at least once per 31 days, and
 2. CHANNEL CALIBRATION at least once per 18 months.

2000

1000

1000

1000

1000

1000