

A.3 LOCKED VALVES IN THE CHEMICAL AND VOLUME CONTROL SYSTEM, SAMPLING SYSTEM AND SAFETY INJECTION SYSTEM

Applicability

Applies to the status of various valves in the Chemical and Volume Control System, Sampling System and Safety Injection System.

Objective

To insure that all potential paths of water with boron concentration below 2000ppm are isolated from the Reactor Coolant System by locked valves.

Specification

The following valves shall be locked closed:

|      |      |     |      |       |       |
|------|------|-----|------|-------|-------|
| 311A | 343B | 326 | 381  | 315   | 1821  |
| 311B | 282  | 330 | 383  | 994A  | 1831  |
| 323A | 376  | 339 | 385  | 1800  | 350   |
| 323B | 1132 | 356 | 386  | 1841  | 841   |
| 340A | 285  | 363 | 393  | 1802A | 1733  |
| 340B | 317  | 365 | 394A | 885A  | PW84  |
| 343A | 318  | 378 | 394B | 885B  | 873A  |
|      |      |     |      | 845   | 1802B |

For the purpose of operational testing of valves:

- a. Either valve 1821 or 1831 may be locked closed.
- b. Either valve 885A or 885B may be locked closed.
- c. Either valves 1802A and 1802B may be locked closed or the power to No. 21 and No. 22 recirculation pumps may be disconnected at the motor control center.

Basis

The valves specified isolate all lines which could conceivably serve as paths for unborated water to the Reactor Coolant System.

The valves specified for operational testing are associated with motor control centers 26A and 26B which were replaced because of fire damage. It is desirable to test these valves upon completion of the primary auxiliary building fire restoration work. Valves 1821 and 1831 are located in series in the discharge line from the boron injection tank. Either valve is sufficient to isolate the line if locked closed. Valves 885A and 885B are located in series in the suction line from the containment sump to the residual heat removal pumps. Either valve is sufficient to isolate the line if locked closed. Valves 1802A and 1802B are parallel valves in the discharge line from the containment recirculation pumps. Isolation from the reactor coolant system during valve testing is provided by disconnecting the recirculation pumps from their power source.

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| OFFICE  | DATE | CHANGE NO. 1 | February 10 , 1972 |
| SURNAME |      |              |                    |