

B. Containment Cooling and Iodine Removal Systems

1. A reactor shall not be made critical, except for low temperature physics tests, unless the following conditions associated with that reactor are met:
 - a. The spray additive tank contains not less than 2675 gal. of solution with a sodium hydroxide concentration of not less than 30% by weight.
 - b. Two containment spray pumps are operable.
 - c. Four accident fan-cooler units are operable.
 - d. All valves and piping, associated with the above components and required to function during accident conditions, are operable.
2. During power operation, the requirements of 15.3.3.B-1 may be modified to allow any one of the following components to be inoperable at any one time. If the system is not restored to meet the requirements of 15.3.3.B-1 within the time period specified, the reactor shall be placed in the hot shutdown condition. If the requirements of 15.3.3.B-1 are not satisfied within an additional 48 hours, the reactor shall be placed in the cold shutdown condition.
 - a. One accident fan cooler may be out of service provided that cooler is returned to operable status within 48 hours. The accident fan coolers shall be tested to demonstrate operability before initiating maintenance on the inoperable accident fan cooler and shall be tested once every 24 hours thereafter until all accident fan coolers are in an operable status or the reactor is shut down, or

15.3.3-3

- b. One containment spray pump may be out of service provided the pump is restored to operable status within 48 hours. The remaining containment spray pump shall be tested to demonstrate operability before initiating maintenance on the inoperable pump and shall be tested once every 24 hours thereafter until both pumps are in an operable status or the reactor is shut down, or

That is, the appropriate pump motor breakers shall have opened and closed, and all valves shall have completed their travel.

B. Containment Spray System

1. System tests shall be performed during reactor shutdowns for major fuel reloading. The test shall be performed with the isolation valves in the spray supply lines at the containment blocked closed. Operation of the system is initiated by tripping the normal actuation instrumentation. The motor breakers for the pumps shall be placed in the "test" position for this test.
2. The test will be considered satisfactory if visual observations indicate all components have operated satisfactorily.
3. The spray nozzles shall be checked to verify that they are not obstructed at intervals not exceeding five years.

C. Containment Fan Coolers

1. Each fan cooler unit shall be tested at each refueling to verify proper operation of the backdraft dampers and the service water bypass valves.
2. Containment fan cooler accident fans shall be tested monthly to verify operability. Acceptable performance shall be that the accident fan starts and running current is verified.

II. Component Tests

A. Pumps

1. The safety injection pumps, residual heat removal pumps, and