

PROPOSED PAGES

PROPOSED TECHNICAL SPECIFICATION CHANGE REQUEST

ADDITON OF TECHNICAL SPECIFICATION 4.6.1.d

SAFETY INJECTION AND CONTAINMENT SPRAY SYSTEM TESTS

CONSUMERS POWER COMPANY

PALISADES PLANT - 50-255

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4.6 SAFETY INJECTION AND CONTAINMENT SPRAY SYSTEMS TESTS

Applicability

Applies to the safety injection system, the containment spray system, chemical injection system and the containment cooling system tests.

Objective

To verify that the subject systems will respond promptly and perform their intended functions, if required.

Specifications

4.6.1 Safety Injection System

- a. System tests shall be performed at each reactor refueling interval. A test safety injection signal will be applied to initiate operation of the system. The safety injection and shutdown cooling system pump motors may be de-energized for this test.
- b. The system will be considered satisfactory if control board indication and visual observations indicate that all components have received the safety injection signal in the proper sequence and timing (ie, the appropriate pump breakers shall have opened and closed, and all valves shall have completed their travel.)
- c. All high pressure safety injection pumps except those otherwise required to be operable shall be demonstrated inoperable at least once per 12 hours whenever the temperature of one or more of the PCS cold legs is $\geq 250^{\circ}\text{F}$ and the vessel head is not removed by verifying that the control system fuses and their fuse holders for the HPSI pumps (P66A, P66B) have been removed from the circuit.
- d. During refueling operations verify at least one shutdown cooling pump and one heat exchanger is in operation at least once per twelve (12) hours.

4.6.2 Containment Spray System

- a. System test shall be performed at each reactor refueling interval. This 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.
- b. At least every five years the spray nozzles shall be verified to be open.
- c. The test will be considered satisfactory if visual observations indicate all components have operated satisfactorily.

4.6.3 Pumps

- a. The safety injection pumps, shutdown cooling pumps, and containment spray pumps shall be started at intervals not to exceed three months. Alternate manual starting between control room console and the local breaker shall be practiced in the test program.