ATTACHMENT 1

OCONEE NUCLEAR STATION
PROPOSED TECHNICAL SPECIFICATION REVISION

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verification shall be made that the check and isolation valves in the core flooding tank discharge lines operate properly.

(b) The test will be considered satisfactory if control board indication of core flood tank level verifies that all valves have opened.

4.5.1.2 Component Tests

4.5.1.2.1 Pumps

Quarterly, the high pressure and low pressure injection pumps shall be started and operated to verify proper operation. Acceptable performance will be indicated if the pump starts, operates for 15 minutes, and the discharge pressure and flow are within $\pm$ 10 percent of a point on the pump head curve. (Figures 4.5.1-1 and 4.5.1-2)

4.5.1.2.2 Valves - Power Operated

a. Quarterly, each Engineered Safety Features valve in the Emergency Core Cooling Systems, except LP-17, -18, and each Engineered Safety Features valve associated with emergency core cooling in the Low Pressure Service Water System shall be tested to verify operability. LP-17, -18 shall only be tested every cold shutdown unless previously tested during the current quarter.

b. The acceptable performance of each power-operated valve will be that motion is indicated upon actuation by appropriate signals.

c. Annually, low pressure injection pump discharge (engineered safety features) valves, low pressure injection discharge throttling valves, and low pressure injection discharge header crossover valves shall be cycled manually to verify the manual operability of these power-operated valves.

Bases

The Emergency Core Cooling Systems are the principle reactor safety features in the event of a loss of coolant accident. The removal of heat from the core provided by these systems is designed to limit core damage.

The High Pressure Injection System under normal operating conditions has one pump operating. At least once per month, operation is rotated to another high pressure injection pump. This verifies that the high pressure injection pumps are operable.

The requirements of the Low Pressure Service Water System for cooling water are more severe during normal operation than under accident conditions. Rotation of the pump in operation on a monthly basis verifies that two pumps are operable.

The low pressure injection pumps are tested singularly for operability by opening the borated water storage tank outlet valves and the bypass valves in the borated water storage tank fill line. This allows water to be pumped from the borated water storage tank through each of the injection lines and back to the tank.

Testing the manual operability of power-operated valves in the Low Pressure Injection System gives assurance that flow can be established in a timely manner even if the capability to operate a valve from the control room is lost.

With the reactor shut down, the valves in each core flooding line are checked for operability by reducing the Reactor Coolant System Pressure until the indicated level in the core flood tanks verify that the check and isolation valves have opened.

Valves LP-17, -18 are boundary valves between high pressure and low pressure design piping. As such, functionally testing of these valves is performed during cold shutdown conditions when the Reactor Coolant System pressure is below the design pressure of the Low Pressure Injection System piping and the potential for over-pressurization of the low pressure system is eliminated.

REFERENCE

(1) FSAR, Section 6