Consumers Power Company
Big Rock Point Plant
Docket 50-155

PROPOSED TECHNICAL SPECIFICATIONS PAGE CHANGES

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3.5.2 (Contd)

(b) Water addition to the containment sphere must be manually stopped before the accumulated water level reaches an elevation of 596 feet.

(c) (Deleted)

3.6 CONTAINMENT REQUIREMENTS

Containment sphere integrity shall be maintained during power operation, refueling operation, shutdown and cold shutdown conditions except as specified by a system of procedures and controls to be established for occasions containment must be breached during cold shutdown.

3.7 CONTAINMENT SPHERE LEAKAGE TESTING

For the purpose of this specification, leakage rate is defined as the percent of the contained atmosphere (weight basis) which escapes per day (24 hours) under the defined pressure conditions through any leaks in the containment boundary and all isolation valves and their associated piping.

The maximum allowable integrated leakage rate shall not exceed 0.5%/day of the containment atmosphere (weight basis) at the design pressure of 27 psig. The procedure for containment sphere leakage testing shall be:

(a) At least once every 6 months, the personnel lock, the equipment lock and the sphere supply-and-exhaust ventilation valves shall be pressurized, with air to 20 psig, to test their leak tightness. The sum of leakage rates for these valves and locks shall be less than 0.25%/day of the containment atmosphere (weight basis) at 20 psig.

(b) Each reactor shutdown for refueling, but in no case at intervals greater than two years, the following valves shall be tested for operability from both the manual and automatic modes of operation and, at the same time, shall be tested for leak tightness by means of a pressure test utilizing air or the normal working fluid at a pressure not less than 20 psig:

Main Steam Isolation (MO-7050)
*Main Steam Drain (MO-7065)
Clean-Up System Resin Sluice (CV-4091, CV-4092, CV-4093)
Reactor and Fuel Pit Drain Isolation (CV-4027, CV-4117)
Reactor Enclosure Clean Sump Isolation (CV-4031, CV-4102)
Reactor Enclosure Dirty Sump Isolation (CV-4025, CV-4103)
Reactor Enclosure Treated Waste Valve (CV-4049)

*Operability, automatic controls and instrumentation tests required only if valve is opened for use during operation.