

2.0 LIMITING CONDITIONS FOR OPERATION

2.1 Reactor Coolant System (continued)

2.1.6 Pressurizer and Main Steam Safety Valves

Applicability

Applies to the status of the pressurizer and main steam safety valves.

Objective

To specify minimum requirements pertaining to the pressurizer and main steam safety valves.

Specifications

To provide adequate overpressure protection for the reactor coolant system and steam system, the following safety valve requirements shall be met:

- (1) The reactor shall not be made critical unless the two pressurizer safety valves are operable with their lift settings adjusted to ensure valve opening at 2500 psia $\pm 1\%$ and 2545 psia $\pm 1\%$.⁽¹⁾
- (2) Whenever there is fuel in the reactor, and the reactor vessel head is installed, a minimum of one operable safety valve shall be installed on the pressurizer. However, when in at least the cold shutdown condition, safety valve nozzles may be open to containment atmosphere during performance of safety valve tests or maintenance to satisfy this specification.
- (3) Whenever the reactor is in power operation, eight of the ten main steam safety valves shall be operable with their lift settings adjusted to ensure valves on each header opening at 1000 psia $+3/-2\%$, 1015 psia $+3/-2\%$, 1025 psia $+3/-2\%$, 1040 psia $+3/-2\%$, and 1050 psia $+3/-2\%$.⁽¹⁾
- (4) Both pressurizer power-operated relief valves (PORV's) shall be operable during scheduled heatup and cooldown to prevent violation of the pressure-temperature limits designated by Figures 2-1A and 2-1B. One PORV may be inoperable for up to 7 days, provided the remaining PORV is operable. If the above conditions of this paragraph cannot be met, the primary system must be depressurized and vented.
- (5) Two power-operated relief valves (PORV's) and their associated block valves shall be operable in Modes 1, 2, and 3.