

SAFETY LIMITLIMITING SAFETY SYSTEM SETTING1.2 REACTOR COOLANT SYSTEM INTEGRITYApplicability:

Applies to limits on reactor coolant system pressure.

Objectives:

To establish a limit below which the integrity of the reactor coolant system is not threatened due to an overpressure condition.

Specification:

1. The reactor vessel dome pressure shall not exceed 1325 psig at any time when irradiated fuel is present in the reactor vessel.

2.2 REACTOR COOLANT SYSTEM INTEGRITYApplicability:

Applies to trip settings of the instruments and devices which are provided to prevent the reactor system safety limits from being exceeded.

Objectives:

To define the level of the process variables at which automatic protective action is initiated to prevent the pressure safety limit from being exceeded.

Specification:

1. The limiting safety system settings shall be as specified below:

Protective Action/Limiting Safety System Setting

- A. Scram on Reactor Vessel high pressure

≤1085 psig

- B. Relief valve settings

1135 psig (±11 psi)
(4 valves)

1145 psig (±11 psi)
(4 valves)

1155 psig (±12 psi)
(3 valves)

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