

1.2 SAFETY LIMIT

1.2 REACTOR COOLANT SYSTEM INTEGRITY

Applicability:

Applies to limits on reactor coolant system pressure.

Objective:

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

Specification:

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

2.2 LIMITING SAFETY SYSTEM SETTING

2.2 REACTOR COOLANT SYSTEM INTEGRITY

Applicability:

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

Objective:

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:

The limiting safety system settings shall be as specified below:

<u>Protective Action</u>	<u>Limiting Safety System Setting</u>
A. Scram on Reactor Vessel high pressure	1085 psig
B. Relief/Safety valve settings	Nominal setpoint will be selected between 1095 and 1115 psig. All valves shall be set at this nominal setpoint \pm 11 psi.
C. Safety valve settings	1240 psig \pm 13 psi

TABLE 3.11-1
OPERATING LIMIT MCPR VALUES

MCPR Operating Limit

<u>2</u>	<u>8x8</u>	<u>P8x8R</u>
≤ 0	1.41	1.44
0 to .1	1.42	1.45
.1 to .2	1.42	1.45
.2 to .3	1.43	1.46
.3 to .4	1.43	1.46
.4 to .5	1.44	1.47
.5 to .6	1.44	1.47
.6 to .7	1.45	1.48
.7 to .8	1.45	1.48
.8 to .9	1.46	1.49
.9 to 1.0	1.46	1.49