

2.0 SAFETY LIMITS (SLs)

2.1 SLs

2.1.1 Reactor Core SLs

In MODES 1 and 2:

2.1.1.1 The departure from nucleate boiling ratio (DNBR) shall be maintained ≥ 1.246 when using the ACH-2 DNB correlation and ≥ 1.21 when using the BWU-N correlation; and

2.1.1.2 The peak fuel centerline temperature shall be $< 4901^{\circ}\text{F}$, decreasing by 14°F per 10,000 MWD/MTU of burnup.

2.1.2 RCS Pressure SL

In MODES 1, 2, 3, 4, and 5, the RCS pressure shall be ≤ 2803 psia.

2.2 SL VIOLATIONS

2.2.1 If SL 2.1.1.1 or 2.1.1.2 is violated, be in MODE 3 within 1 hour.

2.2.2 If SL 2.1.2 is violated:

2.2.2.1 In MODE 1 or 2, restore compliance and be in MODE 3 within 1 hour.

2.2.2.2 In MODE 3, 4, or 5, restore compliance within 5 minutes.
