• (DRN 04-1244, Am. 99)

5.7 COMPONENT CYCLIC OR TRANSIENT LIMITS

5.7-1 The components identified in Table 5.7-1 are designed and shall be maintained within the cyclic or transient limits of Table 5.7-1.

TABLE 5.7-1

COMPONENT CYCLIC OR TRANSIENT LIMITS

COMPONENT	CYCLIC OR TRANSIENT LIMIT	DESIGN CYCLE OR TRANSIENT
Reactor Coolant System	500 system heatup cycles and 500 cooldown cycles at rates ≤ 100 °F / hr.	Heatup cycle Tcold from ≤ 70 °F to ≥ 541 °F; cooldown cycle Tcold from ≥ 541 °F to ≤ 70 °F.
• (DRN 06-1000, Am. 110)	200 pressurizer heatup and cooldown cycles at rates ≤ 200 °F / hr.	Heatup cycle – Pressurizer temperature from < 70 °F to > 653 °F; cooldown cycle ≥ 653 °F to ≤ 70 °F
• (DRN 06-1000, Am. 110)	10 hydrostatic testing cycles.	RCS pressurized to 3125 psia with RCS temperature ≥ 60 °F above the most limiting components' NDTT value.
	200 leak testing cycles.	RCS pressurized to 2250 psia with RCS temperature greater than minimum for hydrostatic testing, but less than 400 °F.
	200 seismic stress cycles.	Subjection to a seismic event equal to the operating basis earthquake (OBE).
	480 cycles (any combination) of reactor trip, turbine trip, or complete loss of forced reactor coolant flow.	Trip from 100% of RATED THERMAL POWER; Turbine trip (total load rejection from 100% of RATED THERMAL POWER followed by resulting reactor trip; simultaneous loss of all reactor coolant pumps at 100% of RATED THERMAL POWER.
• (DRN 04-1244, Am. 99)	5 complete loss of secondary pressure cycles.	Loss of secondary pressure from either steam generator while in MODE 1, 2, or 3.

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