

EXHIBIT E2-39

Vermont Yankee Transient Counting Status: July 23, 2008

Event / Transient Description	No of Transient Cycles Assumed in Analysis for 60 Years	No. of Actual Transient Cycles Experienced To-Date
Boltup and Unbolt of Reactor Vessel Head	123	32
Hydrostatic Pressure or Leak Test t	120	33
Startup = Heatup at 100 degrees F/hr	300	92
Turbine Roll & Increase to Rated Power	300	92
Reduction to 75% Rated Power and Return to Rated Power	10,000	143
Reduction to 50% Rated Power and Return to Rated Power	2,000	79
Turbine Trip at 25% Power	10	1
Feedwater Heater Bypass	70	1
Scram - Loss of Feedwater Pumps Isolation Valves Close (3 HPCI Injections per Event)	10	3
Reactor Overpressure with Delayed Scram - Feedwater Stays on, Isolation Valves Open	1	0
Scram - Single Relief or Safety Valve Blowdown	1	0
Scram -Turbine Generator Trip, Feedwater Stays on, Isolation Valves Open & All other Scrams	268	63
Improper Start of a Cold Recirculation Loop	1	0
Sudden Start of Pump in a Cold Recirculation Loop	1	0
Reduction to 0% Power/Cooldown = Shutdown at 100°F/hr	300	90
Hot Standby (Feedwater Injection)	300	33
ASME Code (Pre-service) Hydrostatic Test to 1,563 psig (One time only event during plant life only)	1	1

U.S. NUCLEAR REGULATORY COMMISSION

In the Matter of Entergy Nuclear Vermont Yankee

Docket No. 50-271 Official Exhibit No. E2-39-U4

OFFERED by: Applicant/Licensee Intervenor _____

NRC Staff _____ Other _____

IDENTIFIED on 7/21/08 Witness/Panel NEC 2

Action Taken: ADMITTED REJECTED WITHDRAWN

Reported/Classified MAC

DOCKETED
USNRC

August 12, 2008 (11:00am)

OFFICE OF SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFF

Template See 028

DS-03