

## TABLE OF CONTENTS

---

B 2.0	SAFETY LIMITS (SLs)	
B 2.1.1	Reactor Core SLs .....	B 2.0-1
B 2.1.2	Reactor Coolant System (RCS) Pressure SL .....	B 2.0-6
B 3.0	LIMITING CONDITION FOR OPERATION (LCO) APPLICABILITY .....	B 3.0-1
B 3.0	SURVEILLANCE REQUIREMENT (SR) APPLICABILITY .....	B 3.0-16
B 3.1	REACTIVITY CONTROL SYSTEMS	
B 3.1.1	SHUTDOWN MARGIN (SDM) .....	B 3.1.1-1
B 3.1.2	Reactivity Anomalies .....	B 3.1.2-1
B 3.1.3	Control Rod OPERABILITY .....	B 3.1.3-1
B 3.1.4	Control Rod Scram Times .....	B 3.1.4-1
B 3.1.5	Control Rod Scram Accumulators .....	B 3.1.5-1
B 3.1.6	Rod Pattern Control .....	B 3.1.6-1
B 3.1.7	Standby Liquid Control (SLC) System .....	B 3.1.7-1
B 3.1.8	Scram Discharge Volume (SDV) Vent and Drain Valves .....	B 3.1.8-1
B 3.2	POWER DISTRIBUTION LIMITS	
B 3.2.1	AVERAGE PLANAR LINEAR HEAT GENERATION RATE (APLHGR) .....	B 3.2.1-1
B 3.2.2	MINIMUM CRITICAL POWER RATIO (MCPR) .....	B 3.2.2-1
B 3.2.3	LINEAR HEAT GENERATION RATE (LHGR) .....	B 3.2.3-1
B 3.3	INSTRUMENTATION	
B 3.3.1.1	Reactor Protection System (RPS) Instrumentation .....	B 3.3.1.1-1
B 3.3.1.2	Source Range Monitor (SRM) Instrumentation .....	B 3.3.1.2-1
B 3.3.2.1	Control Rod Block Instrumentation .....	B 3.3.2.1-1
B 3.3.2.2	Feedwater System and Main Turbine High Water Level Trip Instrumentation .....	B 3.3.2.2-1
B 3.3.3.1	Post Accident Monitoring (PAM) Instrumentation .....	B 3.3.3.1-1
B 3.3.3.2	Remote Shutdown System .....	B 3.3.3.2-1
B 3.3.4.1	End of Cycle Recirculation Pump Trip (EOC-RPT) Instrumentation .....	B 3.3.4.1-1
B 3.3.4.2	Anticipated Transient Without Scram Recirculation Pump Trip (ATWS-RPT) Instrumentation .....	B 3.3.4.2-1
B 3.3.5.1	Emergency Core Cooling System (ECCS) Instrumentation .....	B 3.3.5.1-1
B 3.3.5.2	Reactor Core Isolation Cooling (RCIC) System Instrumentation .....	B 3.3.5.2-1
B 3.3.6.1	Primary Containment Isolation Instrumentation .....	B 3.3.6.1-1
B 3.3.6.2	Secondary Containment Isolation Instrumentation .....	B 3.3.6.2-1

(continued)

---

## TABLE OF CONTENTS

---

B 3.3	INSTRUMENTATION (continued)	
B 3.3.7.1	Control Room Envelope Filtration (CREF) System Instrumentation.....	B 3.3.7.1-1
B.3.3.7.2	Mechanical Vacuum Pump Isolation Instrumentation.....	B 3.3.7.2-1
B 3.3.8.1	Loss of Power (LOP) Instrumentation .....	B 3.3.8.1-1
B 3.3.8.2	Reactor Protection System (RPS) Electric Power Monitoring — Logic .....	B 3.3.8.2-1
B 3.3.8.3	Reactor Protection System (RPS) Electric Power Monitoring — Scram Solenoids .....	B 3.3.8.3-1
B 3.4	REACTOR COOLANT SYSTEM (RCS)	
B 3.4.1	Recirculation Loops Operating.....	B 3.4.1-1
B 3.4.2	Flow Control Valves (FCVs).....	B 3.4.2-1
B 3.4.3	Jet Pumps .....	B 3.4.3-1
B 3.4.4	Safety/Relief Valves (S/RVs) .....	B 3.4.4-1
B 3.4.5	RCS Operational LEAKAGE .....	B 3.4.5-1
B 3.4.6	RCS Pressure Isolation Valve (PIV) Leakage .....	B 3.4.6-1
B 3.4.7	RCS Leakage Detection Instrumentation .....	B 3.4.7-1
B 3.4.8	RCS Specific Activity .....	B 3.4.8-1
B 3.4.9	Residual Heat Removal (RHR) Shutdown Cooling System — Hot Shutdown .....	B 3.4.9-1
B 3.4.10	Residual Heat Removal (RHR) Shutdown Cooling System — Cold Shutdown .....	B 3.4.10-1
B 3.4.11	RCS Pressure and Temperature (P/T) Limits .....	B 3.4.11-1
B 3.4.12	Reactor Steam Dome Pressure .....	B 3.4.12-1
B 3.5	EMERGENCY CORE COOLING SYSTEMS (ECCS) AND REACTOR CORE ISOLATION COOLING (RCIC) SYSTEM	
B 3.5.1	ECCS — Operating .....	B 3.5.1-1
B 3.5.2	ECCS — Shutdown.....	B 3.5.2-1
B 3.5.3	RCIC System.....	B 3.5.3-1
B 3.6	CONTAINMENT SYSTEMS	
B 3.6.1.1	Primary Containment.....	B 3.6.1.1-1
B 3.6.1.2	Primary Containment Air Locks .....	B 3.6.1.2-1
B 3.6.1.3	Primary Containment Isolation Valves (PCIVs).....	B 3.6.1.3-1
B 3.6.1.4	Drywell and Suppression Chamber Pressure .....	B 3.6.1.4-1
B 3.6.1.5	Drywell Air Temperature .....	B 3.6.1.5-1
B 3.6.1.6	Residual Heat Removal (RHR) Drywell Spray .....	B 3.6.1.6-1
B 3.6.1.7	Suppression Chamber-to-Drywell Vacuum Breakers .....	B 3.6.1.7-1
B 3.6.2.1	Suppression Pool Average Temperature .....	B 3.6.2.1-1
B 3.6.2.2	Suppression Pool Water Level.....	B 3.6.2.2-1
B 3.6.2.3	Residual Heat Removal (RHR) Suppression Pool Cooling .....	B 3.6.2.3-1
B 3.6.2.4	Residual Heat Removal (RHR) Suppression Pool Spray .....	B 3.6.2.4-1
B 3.6.3.1	Deleted .....	B 3.6.3.1-1
B 3.6.3.2	Primary Containment Oxygen Concentration.....	B 3.6.3.2-1

(continued)

B 3.6	CONTAINMENT SYSTEMS (continued)	
B 3.6.4.1	Secondary Containment.....	B 3.6.4.1-1
B 3.6.4.2	Secondary Containment Isolation Valves (SCIVs).....	B 3.6.4.2-1
B 3.6.4.3	Standby Gas Treatment (SGT) System.....	B 3.6.4.3-1
B 3.7	PLANT SYSTEMS	
B 3.7.1	Service Water (SW) System and Ultimate Heat Sink (UHS) .....	B 3.7.1-1
B 3.7.2	Control Room Envelope Filtration (CREF) System .....	B 3.7.2-1
B 3.7.3	Control Room Envelope Air Conditioning (AC) System .....	B 3.7.3-1
B 3.7.4	Main Condenser Offgas.....	B 3.7.4-1
B 3.7.5	Main Turbine Bypass System .....	B 3.7.5-1
B 3.7.6	Spent Fuel Storage Pool Water Level.....	B 3.7.6-1
B 3.8	ELECTRICAL POWER SYSTEMS	
B 3.8.1	AC Sources — Operating .....	B 3.8.1-1
B 3.8.2	AC Sources — Shutdown.....	B 3.8.2-1
B 3.8.3	Diesel Fuel Oil, Lube Oil, and Starting Air.....	B 3.8.3-1
B 3.8.4	DC Sources — Operating .....	B 3.8.4-1
B 3.8.5	DC Sources — Shutdown .....	B 3.8.5-1
B 3.8.6	Battery Cell Parameters.....	B 3.8.6-1
B 3.8.7	Inverters — Operating .....	B 3.8.7-1
B 3.8.8	Distribution Systems — Operating.....	B 3.8.8-1
B 3.8.9	Distribution Systems — Shutdown .....	B 3.8.9-1
B 3.9	REFUELING OPERATIONS	
B 3.9.1	Refueling Equipment Interlocks .....	B 3.9.1-1
B 3.9.2	Refuel Position One-Rod-Out Interlock.....	B 3.9.2-1
B 3.9.3	Control Rod Position.....	B 3.9.3-1
B 3.9.4	Control Rod Position Indication.....	B 3.9.4-1
B 3.9.5	Control Rod OPERABILITY — Refueling .....	B 3.9.5-1
B 3.9.6	Reactor Pressure Vessel (RPV) Water Level — Irradiated Fuel .....	B 3.9.6-1
B 3.9.7	Reactor Pressure Vessel (RPV) Water Level — New Fuel or Control Rods .....	B 3.9.7-1
B 3.9.8	Residual Heat Removal (RHR) — High Water Level .....	B 3.9.8-1
B 3.9.9	Residual Heat Removal (RHR) — Low Water Level.....	B 3.9.9-1
B 3.10	SPECIAL OPERATIONS	
B 3.10.1	System Leakage and Hydrostatic Testing Operation .....	B 3.10.1-1
B 3.10.2	Reactor Mode Switch Interlock Testing.....	B 3.10.2-1
B 3.10.3	Single Control Rod Withdrawal — Hot Shutdown .....	B 3.10.3-1
B 3.10.4	Single Control Rod Withdrawal — Cold Shutdown .....	B 3.10.4-1
B 3.10.5	Single Control Rod Drive (CRD) Removal — Refueling.....	B 3.10.5-1
B 3.10.6	Multiple Control Rod Withdrawal — Refueling .....	B 3.10.6-1
B 3.10.7	Control Rod Testing — Operating .....	B 3.10.7-1
B 3.10.8	SHUTDOWN MARGIN (SDM) Test — Refueling .....	B 3.10.8-1