
Figures

Figure 1.1.1-1	RPV Water Level Range Definition	1-9
Figure 1.2-1.	Legend for Tier 1 System Diagrams.....	1-11
Figure 1.2-2.	Legend for Tier 1 Electrical System Diagrams	1-12
Figure 2.1.1-1.	Reactor Pressure Vessel and Internals Key Features Layout.....	2-10
Figure 2.1.1-2.	Fuel Bundle, Neutron Sources, Neutron Detectors and Control Rod Functional Arrangement	2-11
Figure 2.1.2-1.	Safety Relief Valves, Depressurization Valves and Steamline Diagram.....	2-26
Figure 2.1.2-2.	NBS Steamlines and Feedwater Lines.....	2-27
Figure 2.1.2-3.	Safety Relief Valve Discharge Line Quencher Arrangement	2-28
Figure 2.2.1-1.	(Deleted).....	2-38
Figure 2.2.2-1.	Control Rod Drive System	2-55
Figure 2.2.3-1.	(Deleted).....	2-61
Figure 2.2.4-1.	Standby Liquid Control System Simplified Diagram	2-79
Figure 2.2.7-1.	RPS Functional Arrangement.....	2-95
Figure 2.3.1-1.	Process Radiation Monitoring System Diagram.....	2-184
Figure 2.4.1-1.	Isolation Condenser System Schematic.....	2-213
Figure 2.4.2-1.	Gravity-Driven Cooling System	2-230
Figure 2.6.1-1.	Reactor Water Cleanup/Shutdown Cooling System.....	2-263
Figure 2.6.2-1.	Fuel and Auxiliary Pools Cooling System.....	2-275
Figure 2.11.1-1.	TMSS Functional Arrangement	2-299
Figure 2.11.1-2.	High Pressure Turbine Exhaust Functional Arrangement	2-300
Figure 2.11.1-3.	Extraction Steam Functional Arrangement.....	2-301
Figure 2.11.5-1.	Turbine Gland Seal System Arrangement.....	2-312
Figure 2.12.3-1.	Reactor Component Cooling Water System Functional Arrangement	2-324
Figure 2.12.5-1.	NICWS Functional Arrangement	2-328
Figure 2.12.7-1.	Plant Service Water System Functional Arrangement	2-332
Figure 2.13.1-1	Electric Power Distribution System Functional Arrangement	2-355
Figure 2.13.3-1.	Safety-Related 250 VDC System Functional Arrangement.....	2-367

Figures

Figure 2.13.3-2	Nonsafety-Related 250 VDC System Functional Arrangement.....	2-368
Figure 2.13.5-1.	Safety-Related UPS System Functional Arrangement.....	2-382
Figure 2.13.5-2.	Nonsafety-Related UPS System Functional Arrangement.....	2-383
Figure 2.15.1-1.	Containment System	2-422
Figure 2.15.3-1.	Containment Internal Structures.....	2-427
Figure 2.15.4-1.	Passive Containment Cooling System Schematic	2-435
Figure 2.15.7-1.	Containment Monitoring System Functional Arrangement.....	2-447
Figure 2.16.2-1.	CLAVS Functional Arrangement Diagram (Typical Train A/B).....	2-478
Figure 2.16.2-2.	CONAVS Functional Arrangement Diagram (Typical Train A/B).....	2-479
Figure 2.16.2-3.	REPAVS Functional Arrangement Diagram	2-480
Figure 2.16.2-4.	CRHAVS Functional Arrangement Diagram	2-481
Figure 2.16.2-5a.	CBGAVS (Set A) Functional Arrangement Diagram	2-482
Figure 2.16.2-5b.	CBGAVS (Set B) Functional Arrangement Diagram	2-483
Figure 2.16.2-6.	TBVS Functional Arrangement Diagram	2-484
Figure 2.16.2-7.	FBGAVS Functional Arrangement Diagram.....	2-485
Figure 2.16.2-8.	FBFPVS Functional Arrangement Diagram	2-486
Figure 2.16.2-9.	EBVS Functional Arrangement Diagram.....	2-487
Figure 2.16.3-1.	Fire Protection System	2-493
Figure 2.16.5-1.	RB Concrete Outline Plan at EL –11500.....	2-514
Figure 2.16.5-2.	RB Concrete Outline Plan at EL –6400.....	2-515
Figure 2.16.5-3.	RB Concrete Outline Plan at EL –1000.....	2-516
Figure 2.16.5-4.	RB Concrete Outline Plan at EL 4650.....	2-517
Figure 2.16.5-5.	RB Concrete Outline Plan at EL 9060.....	2-518
Figure 2.16.5-6.	RB Concrete Outline Plan at EL 13570.....	2-519
Figure 2.16.5-7.	RB Concrete Outline Plan at EL 17500.....	2-520
Figure 2.16.5-8.	RB Concrete Outline Plan at EL 27000.....	2-521
Figure 2.16.5-9.	RB Concrete Outline Plan at EL 34000.....	2-522

Figures

Figure 2.16.5-10. RB Concrete Outline N-S Section	2-523
Figure 2.16.5-11. RB Concrete Outline E-W Section	2-524
Figure 2.16.6-1. CB Concrete Outline Plan at EL -7400	2-533
Figure 2.16.6-2. CB Concrete Outline Plan at EL -2000	2-534
Figure 2.16.6-3. CB Concrete Outline Plan at EL 4650	2-535
Figure 2.16.6-4. CB Concrete Outline Plan at EL 9060	2-536
Figure 2.16.6-5. CB Concrete Outline E-W Section	2-537
Figure 2.16.7-1. FB Concrete Outline Plan at EL -11500	2-547
Figure 2.16.7-2. FB Concrete Outline Plan at EL -6400	2-548
Figure 2.16.7-3. FB Concrete Outline Plan at EL -1000	2-549
Figure 2.16.7-4. FB Concrete Outline Plan at EL 4650	2-550
Figure 2.16.7-5. FB Concrete Outline Plan at EL 22500	2-551
Figure 2.16.7-6. FB Concrete Outline N-S Section.....	2-552
Figure 5.1-1. ESBWR Horizontal SSE Design Ground Spectra at Foundation Level.....	5-8
Figure 5.1-2. ESBWR Vertical SSE Design Ground Response Spectra at Foundation Level.....	5-9