

## CHAPTER 4—REACTOR LIST OF TABLES

Table 4.1-1	Summary of U.S. EPR Reactor Design and Performance Characteristics 4.1-7
Table 4.1-2	Core Design Analytical Techniques ..... 4.1-10
Table 4.2-1	U.S. EPR Fuel Assembly Design Summary ..... 4.2-55
Table 4.2-2	Fuel Assembly Materials ..... 4.2-56
Table 4.2-3	RCCA, Source Assembly, and TPA Component Materials ..... 4.2-57
Table 4.2-4	RCCA Characteristics and Design Parameters ..... 4.2-58
Table 4.2-5	Control Component Mechanical Strength ..... 4.2-60
Table 4.2-6	SCCA Characteristics and Design Parameters ..... 4.2-61
Table 4.2-7	Rod Parameters for Primary and Secondary Source Assemblies 4.2-64
Table 4.3-1	Core Design Criteria ..... 4.3-39
Table 4.3-2	Plant Operating Modes ..... 4.3-42
Table 4.3-3	Reactor Core Description ..... 4.3-43
Table 4.3-4	Fuel Assembly Summary ..... 4.3-45
Table 4.3-5	Nuclear Design Parameters (First Cycle) ..... 4.3-46
Table 4.3-6	Reactivity Requirements for Rod Cluster Control Assemblies (First Cycle) ..... 4.3-48
Table 4.3-7	RCCA and Integral Burnable Absorber Description ..... 4.3-49
Table 4.3-8	Typical Neutron Flux Levels in the Reactor Core and Reactor Pressure Vessel ..... 4.3-50
Table 4.3-9	Cross Section Generation Methodology ..... 4.3-51
Table 4.3-10	Reactor Core Simulator Methodology ..... 4.3-51
Table 4.3-11	Critical Experiment Reactivity Measurements ..... 4.3-52
Table 4.3-12	Summary of Startup Physics Test Measurements ..... 4.3-53
Table 4.3-13	Summary of Core Follow Measurements ..... 4.3-54
Table 4.4-1	Thermal and Hydraulic Design Data ..... 4.4-26
Table 4.4-2	Core Void Fractions ..... 4.4-28
Table 4.5-1	Control Rod Drive Mechanism Materials ..... 4.5-6
Table 4.5-2	Reactor Vessel Internal Materials ..... 4.5-8