

CHAPTER 11— RADIOACTIVE WASTE MANAGEMENT LIST OF TABLES

Table 11.1-1—Parameters Used to Calculate RCS Design Source Term Activity .	11.1-5
Table 11.1-2—RCS Design Basis Source Term.....	11.1-7
Table 11.1-3—Parameters Used to Calculate Secondary Coolant Design Basis Source Terms.....	11.1-11
Table 11.1-4—Secondary Coolant Design Basis Source Term, Liquid Concentrations	11.1-12
Table 11.1-5—Secondary Coolant Design Basis Source Term, Steam Concentrations	11.1-15
Table 11.1-6—Parameters Used to Calculate Realistic Source Terms	11.1-19
Table 11.1-7—RCS and Secondary Coolant System Realistic Source Terms.....	11.1-20
Table 11.2-1—Liquid Waste Management System Design Parameters	11.2-32
Table 11.2-2—Liquid Waste Management System Component Data	11.2-33
Table 11.2-3—Liquid and Gaseous Effluent Input Parameters for the GALE Computer Code	11.2-40
Table 11.2-4—Releases to Liquid Effluent Discharge Point (Ci/yr) Calculated by GALE Code	11.2-44
Table 11.2-5—Input Parameters for LADTAP II Computer Code	11.2-46
Table 11.2-6—Dose Commitment Due to Liquid Effluent Releases.....	11.2-46
Table 11.2-7—Comparison of Annual Average Liquid Release Concentrations with 10 CFR Part 20 Concentration Limits	11.2-47
Table 11.2-8—Unrestricted Area Water Concentration from Unmitigated Liquid Release	11.2-49
Table 11.2-9—Input Parameters for the LADTAP II Computer Code used in Liquid Waste Cost-Benefit Analysis.....	11.2-50
Table 11.2-10—Obtainable Dose Benefits for Liquid Waste System Augment....	11.2-51
Table 11.2-11—Liquid Waste Management Cost-Benefit Analysis	11.2-52
Table 11.3-1—Gaseous Waste Processing System Parameters	11.3-23
Table 11.3-2—Gaseous Waste Processing System Component Data.....	11.3-24
Table 11.3-3—Gaseous Release (Ci/yr) Calculated by GALE Code.....	11.3-28
Table 11.3-4—Input Parameters for the GASPAP II Computer Code used in	

Calculating Annual Offsite Doses to the Maximally Exposed Individual from Gaseous Releases	11.3-30
Table 11.3-5—Dose Commitment Due to Gaseous Effluent Releases	11.3-31
Table 11.3-6—Comparison of Annual Average Gaseous Release Concentrations with 10 CFR Part 20 Concentration Limits	11.3-32
Table 11.3-7—Input Parameters for the GASPARD II Computer Code used in Gaseous Waste Cost-Benefit Analysis	11.3-33
Table 11.3-8—Obtainable Dose Benefits for Gaseous Waste System Augment .	11.3-33
Table 11.3-9—Gas Waste Management Cost-Benefit Analysis	11.3-34
Table 11.4-1—Estimated Solid Waste Annual Activity and Volume	11.4-18
Table 11.4-2—Noncompressible DAW Annual Activity	11.4-20
Table 11.4-3—Compressible DAW Annual Activity	11.4-21
Table 11.4-4—Combustible DAW Annual Activity	11.4-22
Table 11.4-5—Total Dry Active Waste Annual Activity	11.4-23
Table 11.4-6—Evaporator Concentrates Annual Activity.....	11.4-24
Table 11.4-7—Annual Activity for Spent Resins from Rad. Waste Demineralizer	11.4-25
Table 11.4-8—Annual Activity for Wet Waste from Demineralizers or Centrifuge Sludge.....	11.4-26
Table 11.4-9—Annual Activity for Storage Tank Sludge.....	11.4-27
Table 11.4-10—Cartridge Filter Annual Activity.....	11.4-28
Table 11.4-11—Coolant Purification System Spent Resin Annual Activity.....	11.4-29
Table 11.4-12—Total Wet Solid Waste Annual Activity	11.4-30
Table 11.4-13—Mixed Waste Annual Activity.....	11.4-31
Table 11.5-1—Radiation Monitor Detector Parameters ¹	11.5-11