

LIST OF TABLES

Table 2-1	Environmental Aspects (Cause) and Environmental Impacts (Effect)	2-3
Table 2-2	Summary of SRS Pollution Prevention Activities	2-5
Table 3-1	SRS Estimated SCDHEC Nonradiological Pollutant Air Emissions, 2011 – 2015 (TV-0080-0041)	3-10
Table 3-2	Summary of NEPA Reviews	3-14
Table 3-3	Summary of External Agency Audits/Inspections of the SRS Environmental Program and Results	3-19
Table 3-4	SRS Permits.....	3-20
Table 3-5	Status of Key Federal Environmental Laws Applicable to SRS.....	3-21
Table 3-6	NOV/NOAV Summary, 2011 – 2015	3-24
Table 5-1	SRS Offsite Radiological Sample Distribution by State	5-4
Table 5-2	Atmospheric Sampling Media	5-9
Table 5-3	Radionuclide Concentrations Summary for Stormwater Basins (pCi/L).....	5-17
Table 5-4	Radionuclide Concentrations in SRS Streams by Location	5-19
Table 5-5	Average Radionuclide Concentrations in the Savannah River	5-21
Table 5-6	Species of Aquatic Food Types Collected by SRS in 2015 for the Radiological Environmental Monitoring Program	5-26
Table 5-7	Location and Fish Type for the Maximum Detected Concentration of Specific Radionuclides Measured in Flesh Samples	5-26
Table 5-8	Cesium-137 Results for Laboratory and Field Measurements in Wildlife	5-29
Table 6-1	Regional Water Supply Service.....	6-5
Table 6-2	2015 Radioactive Liquid Release Source Term and 12-Month Average Downriver Radionuclide Concentrations Compared to the EPA’s Drinking Water Maximum Contaminant Levels (MCL)	6-9
Table 6-3	Potential Dose to the Representative Person from SRS Liquid Releases in 2015	6-10
Table 6-4	Potential Doses to the Representative Person and to the MEI from SRS Atmospheric Releases in 2015 and Comparison to the Applicable Dose Standard.....	6-12
Table 6-5	2015 Sportsman Doses Compared to the DOE Dose Standard	6-17
Table 7-1	Typical Contaminants of Concern at SRS.....	7-9
Table 7-2	Summary of the Maximum Contaminant Concentrations for Major Areas within SRS	7-9
Table 8-1	Summary of Laboratory Blind and Duplicate Sample Analyses.....	8-6
Table 8-2	Summary of Trip and Field Blank Sample Analyses.....	8-6
Appendix Table C-1	SRS Radiological Surveillance Media and Sampling Frequencies.....	C-1
Appendix Table C-2	SRS Nonradiological Media and Sampling Frequencies	C-2
Appendix Table D-1	Water Quality Summary Results	D-1
Appendix Table D-2	Summary of Detected Metal Results for Freshwater Fish Tissue Collected from the Savannah River	D-4

Appendix Table D-3	Summary of Detected Metal Results for Saltwater Fish Tissue Collected from the Savannah River between River Miles 0-8, Near Savannah, GA.....	D-5
Appendix Table D-4	Precipitation Results of SRS National Trends Network Station for Calendar Year 2014.....	D-6
Appendix Table E-1	Summary of Radioactive Atmospheric Releases by Source	E-1
Appendix Table E-2	Summary of Air Effluent DOE DCS Sum of Fractions for 2015	E-4
Appendix Table E-3	Summary of Tritium in Environmental Air	E-5
Appendix Table E-4	Summary of Radionuclides in Rain Ion Columns.....	E-6
Appendix Table E-5	Summary of Tritium in Rainwater	E-11
Appendix Table E-6	Summary of Radionuclides in Soil	E-12
Appendix Table E-7	Summary of Radionuclides in Grassy Vegetation.....	E-13
Appendix Table E-8	Summary of Radionuclides in Foodstuffs	E-14
Appendix Table E-9	Summary of Radionuclides in Cow's Milk	E-15
Appendix Table E-10	Radiation in Liquid Release Sources	E-16
Appendix Table E-11	Summary of Liquid Effluent DOE DCS Sum of Fractions by Facility for 2015	E-17
Appendix Table E-12	Summary of Radionuclides in Sediments	E-18
Appendix Table E-13	Summary of Radionuclides in Drinking Water	E-21
Appendix Table E-14	Summary of Radionuclides in Freshwater Fish	E-23
Appendix Table E-15	Summary of Radionuclides in Saltwater Fish	E-27
Appendix Table E-16	Summary of Radionuclides in Shellfish	E-28
Appendix Table E-17	Summary of Radionuclides in Wildlife	E-29