

List of Tables

Table 3-1	Summary of Quantities of Asbestos Materials Removed in 2016.....	3-12
Table 3-2	Summary of 2016 NEPA Reviews	3-16
Table 3-3	SRS Permits	3-20
Table 3-4	Summary of 2016 External Agency Audits/Inspections of the SRS Environmental Program and Results	3-21
Table 3-5	Status of Key Federal Environmental Laws Applicable to SRS	3-23
Table 3-6	NOV Summaries, 2012–2016	3-26
Table 5-1	SRS Offsite Radiological Sample Distribution by State.....	5-4
Table 5-2	Air Sampling Media	5-9
Table 5-3	Radionuclide Concentrations Summary for Stormwater Basins (pCi/L)	5-16
Table 5-4	Radionuclide Concentrations in SRS Streams by Location	5-17
Table 5-5	Radionuclide Concentrations in the Savannah River	5-20
Table 5-6	Maximum Cesium-137 Concentration in Sediments Collection in 2016.....	5-23
Table 5-7	Aquatic Products Collected by SRS in 2016 for the Radiological Environmental Monitoring Program.....	5-25
Table 5-8	Location and Fish Type for the Maximum Detected Concentration of Specific Radionuclides Measured in Flesh Samples.....	5-26
Table 5-9	Cesium-137 Results for Laboratory and Field Measurements in Wildlife.....	5-28
Table 6-1	Regional Water Supply Service.....	6-6
Table 6-2	2016 Radioactive Liquid Release Source Term and 12-Month Average Downriver Radionuclide Concentrations Compared to the EPA’s Drinking Water Maximum Contaminant Levels (MCL)	6-8
Table 6-3	Potential Dose to the Representative Person from SRS Liquid Releases in 2016	6-10
Table 6-4	Potential Doses to the Representative Person and to the MEI from SRS Air Releases in 2016 and Comparison to the Applicable Dose Standard	6-12
Table 6-5a	Potential Dose to the Representative Person from all Standard Pathways in 2016.....	6-14
Table 6-5b	Potential Collective Dose to the 50-Mile Population Surrounding SRS, Including the People Served by the Downriver Drinking Water Plants.....	6-14
Table 6-6	2016 Sportsman Doses Compared to the DOE Dose Standard	6-16
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	2016 DOECAP Audits for SRS Subcontracts.....	8-6
Table 8-2	Summary of Laboratory Blind and Duplicate Sample Analyses	8-7

Table 8-3	Summary of Trip and Field Blank Sample Analyses	8-7
Appendix Table B-1	SRS Nonradiological Media and Sampling Frequencies.....	B-1
Appendix Table B-2	SRS Radiological Media and Sampling Frequencies.....	B-2
Appendix Table C-1	River and Stream Water Quality Summary Results	C-1
Appendix Table C-2	Summary of Detected Metal Results for Sediments Collected from the Savannah River, SRS Streams, and Stormwater Basins	C-6
Appendix Table C-3	Summary of Detected Metal Results for Freshwater Fish Tissue Collected from the Savannah River	C-8
Appendix Table C-4	Summary of Detected Metal Results for Saltwater Fish Tissue Collected from the Savannah River between River Miles 0-8, Near Savannah, GA	C-9
Appendix Table C-5	Precipitation Results of SRS National Trends Network Station for Calendar Year 2015.....	C-10
Appendix Table D-1	Summary of Radioactive Atmospheric Releases by Source	D-1
Appendix Table D-2	Summary of Air Effluent DOE DCS Sum of Fractions	D-4
Appendix Table D-3	Summary of Tritium in Environmental Air	D-5
Appendix Table D-4	Summary of Tritium in Rainwater.....	D-6
Appendix Table D-5	Summary of Radionuclides in Soil.....	D-7
Appendix Table D-6	Summary of Radionuclides in Grassy Vegetation	D-8
Appendix Table D-7	Summary of Radionuclides in Foodstuffs	D-9
Appendix Table D-8	Summary of Radionuclides in Dairy	D-11
Appendix Table D-9	Radiation in Liquid Release Sources	D-12
Appendix Table D-10	Summary of Liquid Effluent DOE DCS Sum of Fractions by Facility	D-13
Appendix Table D-11	Summary of Radionuclides in Sediments.....	D-14
Appendix Table D-12	Summary of Radionuclides in Drinking Water	D-17
Appendix Table D-13	Summary of Radionuclides in Freshwater Fish	D-19
Appendix Table D-14	Summary of Radionuclides in Saltwater Fish.....	D-22
Appendix Table D-15	Summary of Radionuclides in Shellfish	D-23
Appendix Table D-16	Summary of Radionuclides in Wildlife	D-24
Appendix Table E-1	Summary of Documents that Report Groundwater Monitoring Data	E-1