

List of Tables

Table 2-1	FY 2021 Sustainability Goals, Metrics, and SRS Performance	2-7
Table 2-2	SRS Recycling and Sustainability in FY 2021 by Amount	2-13
Table 3-1	Summary of Quantities of Asbestos Materials Removed in 2021.....	3-19
Table 3-2	Summary of 2021 NEPA Reviews	3-23
Table 3-3	SRS Permits	3-29
Table 3-4	Summary of 2021 External Agency Audits/Inspections of the SRS Environmental Program and Results	3-31
Table 3-5	Status of Key Federal Environmental Laws Applicable to SRS	3-33
Table 3-6	NOV/NOAV Summaries, 2017 to 2021.....	3-35
Table 5-1	SRS Offsite Radiological Sample Distribution by State.....	5-4
Table 5-2	SRS Radiological Atmospheric Releases for CY 2021.....	5-6
Table 5-3	Air Sampling Media	5-9
Table 5-4	SRS Radiological Liquid Effluent Releases of Radioactive Material for CY 2021	5-15
Table 5-5	Radionuclide Concentrations Summary for Stormwater Basins for CY 2021	5-17
Table 5-6	Radionuclide Concentrations in the Primary SRS Streams by Location for CY 2021.....	5-18
Table 5-7	Radionuclide Concentrations in the Savannah River for CY 2021.....	5-20
Table 5-8	Liquid Tritium Releases and Transport.....	5-23
Table 5-9	Maximum Cesium-137 Concentration in Sediments Collected in 2021.....	5-24
Table 5-10	Aquatic Products Collected by SRS in 2021 for the Radiological Environmental Monitoring Program	5-26
Table 5-11	Location and Fish Type for the Maximum Detected Concentration of Specific Radionuclides Measured in Flesh Samples Collected in 2021	5-27
Table 5-12	Cesium-137 Results for Laboratory and Field Measurements in Wildlife for CY 2021	5-28
Table 6-1	Regional Water Supply Service.....	6-6
Table 6-2	2021 Liquid Release Source Term and 12-Month Average Downriver Radionuclide Concentrations Compared to the EPA's Drinking Water Maximum Contaminant Levels (MCLs).....	6-8
Table 6-3	Potential Dose to the Representative Person from SRS Liquid Releases in 2021	6-9
Table 6-4	Potential Doses to the Representative Person and to the MEI from SRS Air Releases in 2021 and Comparison to the Applicable Dose Limit	6-11
Table 6-5	Potential Dose to the Representative Person from all Standard Pathways in 2021.....	6-13
Table 6-6	Potential Collective Dose to the 50-Mile Population Surrounding SRS, Including the People Served by the Downriver Drinking Water Plants.....	6-14
Table 6-7	2021 Sportsman Doses Compared to the DOE Dose Limit	6-16
Table 7-1	Typical Contaminants of Concern at SRS.....	7-8

Table 7-2 Summary of the Maximum Contaminant Concentrations for Major Areas within SRS	7-8
Table 8-1 Summary of Laboratory Blind and Duplicate Sample Analyses.....	8-6
Table 8-2 Summary of Trip and Field Blank Sample Analyses	8-7
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 Nonradiological Results for Sediments Collected from the Savannah River, SRS Streams, and Stormwater Basins	C-5
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, Georgia	C-9
Appendix Table D-1 Summary of Radioactive Atmospheric Releases by Source	D-2
Appendix Table D-2 Summary of Air Effluent DOE DCS Sum of Fractions	D-5
Appendix Table D-3 Summary of Tritium in Environmental Air	D-6
Appendix Table D-4 Summary of Tritium in Rainwater.....	D-7
Appendix Table D-5 Summary of Radionuclides in Environmental Air	D-8
Appendix Table D-6 Summary of Gamma Surveillance.....	D-10
Appendix Table D-7 Summary of Radionuclides in Soil.....	D-11
Appendix Table D-8 Summary of Radionuclides in Grassy Vegetation	D-12
Appendix Table D-9 Summary of Radionuclides in Foodstuffs	D-13
Appendix Table D-10 Summary of Radionuclides in Dairy	D-14
Appendix Table D-11 Radiation in Liquid Source Releases	D-15
Appendix Table D-12 Summary of Liquid Effluent DOE DCS Sum of Fractions by Facility	D-16
Appendix Table D-13 Summary of Radionuclides in Sediments.....	D-17
Appendix Table D-14 Summary of Radionuclides in Drinking Water.....	D-19
Appendix Table D-15 Summary of Radionuclides in Freshwater Fish.....	D-22
Appendix Table D-16 Summary of Radionuclides in Saltwater Fish.....	D-25
Appendix Table D-17 Summary of Radionuclides in Shellfish	D-26
Appendix Table D-18 Summary of Radionuclides in Wildlife	D-27
Appendix Table E-1 Summary of Documents that Report Groundwater Monitoring Data	E-1