
Contents

List of Figures	ix
List of Tables	xi
Sampling Location Information	xiii
Executive Summary	xv
Chapter 1 Introduction	1
Mission	1
Site Location, Demographics, and Environment.....	1
Primary Site Activities	2
Chapter 2 Environmental Management System	7
Environmental Management System Policy	7
Chapter 3 Environmental Compliance.....	17
Compliance Activities.....	17
Environmental Release Response and Reporting	36
Assessments/Inspections.....	37
Environmental Training	38
Environmental Permits.....	39
Chapter 4 Effluent Monitoring	41
Radiological Monitoring.....	41
Nonradiological Monitoring.....	45
Chapter 5 Environmental Surveillance	53
Radiological Surveillance	53
Nonradiological Surveillance	67
Chapter 6 Potential Radiation Doses.....	71
Calculating Dose.....	72
Dose Calculation Results.....	73

Chapter 7 Groundwater	87
Groundwater at SRS	87
Groundwater Protection Program at SRS	91
Chapter 8 Quality Assurance	101
QA for EPM Program Samples	101
QA for EML Sample Analyses	102
QA for EPM Sample Analyses	103
Appendix A Applicable Guidelines, Standards, and Regulations	109
Air Effluent Discharges	110
(Process) Liquid Effluent Discharges	112
Site Streams	113
Savannah River	113
Drinking Water	113
Groundwater	114
Potential Dose	116
Environmental Management	117
Quality Assurance/Quality Control	118
Reporting	120
Appendix B Radionuclide and Chemical Nomenclature	121
Appendix C Errata	125
Glossary	127
References	143