
Acronyms and Abbreviations



Note: Sampling location abbreviations can be found on page xix.

- A** **ACP** – Area Completion Projects
ACM – Asbestos containing material
ALARA – As low as reasonably achievable
ANSI – American National Standards Institute
ANS – Academy of Natural Sciences
AOP – Annual Operational Plan
- B** **BAT** – Best Available Technology
BCG – Biota concentration guide
BE – Biological Evaluation
BGN – Burial Ground North
bgs – Below ground surface
BJWSA – Beaufort-Jasper Water and Sewer Authority
BMP – Best Management Practice
BTU – British Thermal Unit
- C** **CAA** – Clean Air Act
CAAA – Clean Air Act Amendments of 1990
CAB – Citizens Advisory Board
CAS – Chemical abstract numbers
CAT – Consolidated Annual Training
CD – Compact disk
- C&D** – Construction and Demolition
CDC – Centers for Disease Control and Prevention
CEI – Compliance Evaluation Inspection
CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act (Superfund)
CFC – Chlorofluorocarbon
CFR – Code of Federal Regulations
Ci – Curie
CME – Comprehensive Monitoring Evaluation
CMIR – Corrective Measures Implementation Report
CMP – Chemicals, metals, and pesticides
CSRA – Central Savannah River Area
CWA – Clean Water Act
- D** **D&D** – Deactivation and decommissioning
DCG – Derived concentration guide
DOE – U.S. Department of Energy
DOECAP – Department of Energy Consolidated Audit Program
DOE/EML – U.S. Department of Energy/Environmental Measurements Laboratory
DOE-HQ – U.S. Department of Energy–Headquarters

DOE-SR – U.S. Department of Energy–Savannah River Operations Office

DMWE – Data Management and Waste Engineering

DMR – Discharge Monitoring Report

DWS – Drinking water standards

E **EA** – Environmental assessment

EEC – Environment evaluation checklist

EIS – Environmental impact statement

EM – Environmental Monitoring

EMCAP – Environmental Management Consolidated Audit Program

EML – Environmental Monitoring Lab

EMS – Environmental Management System

EO – Executive Order

EPA – U.S. Environmental Protection Agency

EPCRA – Emergency Planning and Community Right-to-Know Act

EPS – Environmental Protection Section

ERA – Environmental Resource Associates

ESD – Explanation of Significant Difference

ESA – Endangered Species Act

ESEC – Environmental Science Educator’s Cooperative

ESS – Environmental Services Section

F **FDA** – Food and Drug Administration

FEB – Facility Evaluation Board

FEMP – Federal Energy Management Program

FFA – Federal Facility Agreement

FFCA – Federal Facility Compliance Agreement

FFCAAct – Federal Facility Compliance Act

FIFRA – Federal Insecticide, Fungicide, and Rodenticide Act

FIMS – Flow injection mercury system

FONSI – Finding of no significant impact

FTF – F-Area Tank Farm

G **GS-MS** – Inductively coupled plasma atomic emission spectrometry

GDNR – Georgia Department of Natural Resources

GET – General employee training

GNEP – Global Nuclear Energy Partnership

GSMP – Groundwater Surveillance Monitoring Program

GSA – General Separations Area

GTCC – Greater Than Class C

Gy – Gray

H **HBFC** – Hydrobromofluorocarbon

HCFC – Hydrochlorofluorocarbon

HTF – H-Area Tank Farm

I **IA** – Interim Action

IAPCR – Interim Action Post Closure Report

ICP-AES – Inductively coupled plasma atomic emission spectrometry

ICP-MS – Inductively coupled plasma mass spectrometry

ICRP – International Commission on Radiological Protection

I&SD – Infrastructure and Services Department

ISMS – Integrated Safety Management System

ISO – International Organization for Standardization

K **kg** – Kilogram

L **LDR** – Land disposal restrictions

LLW – Low-level radioactive waste

M **M&O** – Management and Operating

MACT – Maximum achievable control technology

MAPEP – Mixed Analyte Performance Evaluation Program

mCi – Millicurie

MCL – Maximum contaminant level

MDC – Minimum detectable concentration

MFFF – Mixed Oxide Fuel Fabrication Facility

Mg/L – Milligrams per liter

mL – Milliliter

MOA – Memoranda of agreement

MOX – Mixed oxide

mrem – Millirem

mSv – Millisievert

N **NBN** – No building number

NDAA – National Defense Authorization Act

NEPA – National Environmental Policy Act

NESHAP – National Emission Standards for Hazardous Air Pollutants

NHPA – National Historic Preservation Act

NOV – Notice of violation

NPDES – National Pollutant Discharge Elimination System

NRC – Nuclear Regulatory Commission

NRMP – Natural Resources Management Plan

NWP – Nationwide permit

O **ODS** – Ozone-depleting substance

OFI – Opportunity for improvement

P **P2** – Pollution prevention program

PA – Performance assessment

PAR – Pesticide Activity Report

PCB – Polychlorinated biphenyl

PCR – Post-construction report

pCi/L – Picocuries per liter

PEIS – Programmatic environmental impact statement

PM – Particulate matter

pH – Measure of the hydrogen ion concentration in an aqueous solution (acidic solutions, pH from 0–6; basic solutions, pH > 7; and neutral solutions, pH = 7)

POC – Points of contact

ppb – Parts per billion

ppm – Parts per million

PUREX – Plutonium Uranium Extraction Process

Q **QA** – Quality assurance

QC – Quality control

R **RACR** – Remedial Action Completion Reports

RCRA – Resource Conservation and Recovery Act

RFI/RI – RCRA facility investigation/remedial investigation

RI&ES – Regulatory Integration and Environmental Services

RHA – Rivers and Harbors Act

RM – River mile

RMP – Risk management plan

ROD – Record of decision

S **SA** – Supplement analysis

SARA – Superfund Amendments and Reauthorization Act

Savannah I&D – Savannah Industrial and Domestic Water Supply Plant

SCDHEC – South Carolina Department of Health and Environmental Control

SDD – Site Deactivation and Decommissioning

SDWA – Safe Drinking Water Act

SE – Removal Site Evaluation

SEIS – Supplemental environmental impact statement

SES – Shealy Environmental Services, Inc.

SCE&G – South Carolina Electric and Gas

SIRIM – Site Item Reportability and Issues Management

SLA – Service level agreement

SMU – Statement of mutual understanding

SRARP – Savannah River Archaeological Research Program

SREL – Savannah River Ecology Laboratory

S/RID – Standards/Requirements Identification Document

SRNL – Savannah River National Laboratory

SRNS – Savannah River Nuclear Solutions, LLC

SRS – Savannah River Site

STAR – Site Tracking, Analysis, and Reporting

STP – Site Treatment Plan

SWDF – Solid Waste Disposal Facility

T **TCLP** – Toxicity characteristic leaching procedure

TEAM – Transformational Energy Action Management

TEM – Transmission electron microscopy

TES – Threatened and endangered species

TLD – Thermoluminescent dosimeter

TDS – Total dissolved solids

TRI – Toxic Release Inventory

TRU – Transuranic waste

TSCA – Toxic Substances Control Act

TSS – Total suspended solids

U **USFS–SR** – U.S. Department of Agriculture Forest Service–Savannah River

µg/L – Micrograms per liter

µg/m³ – Micrograms per cubic meter

µS/cm – Microsieverts per centimeter

USGS – U.S. Geological Survey

UST – Underground storage tank

UTM – Universal Transverse Mercator

V **VEGP** – Vogtle Electric Generating Plant
VOC – Volatile organic compound

W **WIPP** – Waste Isolation Pilot Plant
W/Min – Waste minimization

WMAP – Waste Management Area Project

WP – Water pollution

WQC – Water quality certification

WS – Water supply

WSI-SRS – Wackenhut Services Incorporated–Savannah
River Site

WSMS – Washington Safety Management Solutions

WSRC – Washington Savannah River Company