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# Acronyms and Abbreviations



*Note: Sampling location abbreviations can be found on page xvii.*

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## 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  
**ARRA** – American Recovery and Reinvestment Act

## 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  
**BTU** – British thermal unit

## C

**CA** – Corrective Action  
**CAA** – Clean Air Act  
**CAAA** – Clean Air Act Amendments of 1990  
**CAB** – Citizens Advisory Board  
**CAT** – Consolidated Annual Training  
**CD** – Compact disk  
**C&D** – Construction and Demolition  
**CERCLA** – Comprehensive Environmental Response, Compensation, and Liability Act (Superfund)

**CFR** – Code of Federal Regulations  
**CHR** – Center for Hydrogen Research  
**Ci** – Curie  
**CMIR** – Corrective Measures Implementation Report  
**COE** – U. S. Army Corps of Engineers  
**COR** – Challenges, Opportunities, and Resolution  
**CSRA** – Central Savannah River Area  
**CWA** – Clean Water Act

## D

**DCG** – Derived concentration guide  
**DOE** – U.S. Department of Energy  
**DOECAP** – U.S. Department of Energy Consolidated Audit Program  
**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

**EQMD** – Environmental Quality Management Division (DOE–SR)

**ERA** – Environmental Resource Associates

**ESD** – Explanation of Significant Difference

**ESA** – Endangered Species Act

**ESEC** – Environmental Science Educator’s Cooperative

## F

**FEB** – Facility Evaluation Board

**FFA** – Federal Facility Agreement

**FFCAct** – Federal Facility Compliance Act

**FIFRA** – Federal Insecticide, Fungicide, and Rodenticide Act

**FIMS** – Flow injection mercury system

**FONSI** – Finding of no significant impact

**FWS** – U.S. Fish and Wildlife Service

## G

**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

## I

**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

**ISMS** – Integrated Safety Management System

**ISO** – International Organization for Standardization

## K

**kg** – Kilogram

## L

**LDR** – Land disposal restrictions

**LLW** – Low-level radioactive waste

**LWO** – Liquid Waste Operations

## 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

**MOU** – Memorandum of understanding

**MOX** – Mixed oxide

**mrem** – Millirem

**mSv** – Millisievert

## N

**NBN** – No building number

**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** – P and R (Pond)  
**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 < 7; basic solutions, pH > 7; and neutral solutions, pH = 7)  
**POC** – Point 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 Report  
**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 program  
**RMW** – Radioactive Mixed Waste  
**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  
**SDWA** – Safe Drinking Water Act  
**SE** – Removal site evaluation  
**SEIS** – Supplemental environmental impact statement  
**SEMC** – Senior Environmental Managers Council  
**SES** – Shealy Environmental Services, Inc.  
**SCE&G** – South Carolina Electric and Gas  
**SIRIM** – Site Item Reportability and Issues Management  
**SLA** – Service level agreement  
**SRARP** – Savannah River Archaeological Research Program  
**SREL** – Savannah River Ecology Laboratory  
**S/RID** – Standards/Requirements Identification Document  
**SRIT** – SRS Regulatory Integration Team  
**SRNL** – Savannah River National Laboratory  
**SRNS** – Savannah River Nuclear Solutions, LLC  
**SRR** – Savannah River Remediation 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

**TLD** – Thermoluminescent dosimeter

**TDS** – Total dissolved solids

**TRI** – Toxic Release Inventory

**TRU** – Transuranic waste

**TSCA** – Toxic Substances Control Act

**TSS** – Total suspended solids

**TVA** – Tennessee Valley Authority

## **U**

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

**µg/L**– Micrograms per liter

**µg/m<sup>3</sup>** – 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**

**WAC** – Waste Acceptance Criteria

**WIPP** – Waste Isolation Pilot Plant

**W/Min** – Waste minimization

**WP** – Water pollution

**WQC** – Water quality certification

**WS** – Water supply

**WSI-SRS** – Wackenhut Services Incorporated–Savannah River Site

**WSRC** – Washington Savannah River Company