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# ACRONYMS AND ABBREVIATIONS

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<b>A&amp;PC</b>	Analytical and Process Chemistry Laboratory
<b>ACM</b>	Asbestos-Containing Material
<b>ACOE</b>	(U.S.) Army Corps of Engineers
<b>ALARA</b>	As Low As Reasonably Achievable
<b>ANSI</b>	American National Standards Institute
<b>ASER</b>	Annual Site Environmental Report
<b>ASME</b>	American Society of Mechanical Engineers
<b>ASQ</b>	American Society for Quality
<b>AWQS</b>	Ambient Water Quality Standard
<b>BAT</b>	Best Available Technology
<b>BCG</b>	Biota Concentration Guide
<b>BEIR</b>	Biological Effects of Ionizing Radiation
<b>BOD<sub>5</sub></b>	Biochemical Oxygen Demand (5-day)
<b>BSW</b>	Bulk Storage Warehouse
<b>BTU</b>	British Thermal Unit (also MBTU, MMBTU)
<b>CAA</b>	Clean Air Act
<b>CCHD</b>	Cattaraugus County Health Department
<b>CCZ</b>	Criticality Control Zone
<b>CD</b>	Compact Disk
<b>CDDL</b>	Construction and Demolition Debris Landfill
<b>CEDE</b>	Committed Effective Dose Equivalent
<b>CEMP</b>	Code of Environmental Management Principles (for Federal Agencies)
<b>CERCLA</b>	Comprehensive Environmental Response, Compensation, and Liability Act
<b>CFR</b>	Code of Federal Regulations
<b>CMS</b>	Corrective Measures Study
<b>CPC</b>	Chemical Process Cell
<b>CPC-WSA</b>	Chemical Process Cell Waste Storage Area
<b>CSPF</b>	Container Sorting and Packaging Facility

## *Acronyms and Abbreviations*

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<b>CSRF</b>	Contact Size-Reduction Facility
<b>CSS</b>	Cement Solidification System
<b>CWA</b>	Clean Water Act
<b>CX</b>	Categorical Exclusion
<b>CY</b>	Calendar Year
<b>D&amp;D</b>	Decontamination and Decommissioning
<b>DCDFMeth</b>	Dichlorodifluoromethane
<b>DCG</b>	Derived Concentration Guide
<b>DL</b>	Detection Limit or Detection Level
<b>DMR</b>	Discharge Monitoring Report
<b>DOE</b>	(U.S.) Department of Energy
<b>DOE-EM</b>	Department of Energy, Office of Environmental Restoration and Waste Management
<b>DOE-HQ</b>	Department of Energy, Headquarters Office
<b>DOE-OH</b>	Department of Energy, Ohio Field Office
<b>DOE-WVDP</b>	Department of Energy, West Valley Demonstration Project (title as of June 2006)
<b>DOECAP</b>	Department of Energy Consolidated Audit Program
<b>DOT</b>	(U.S.) Department of Transportation
<b>EA</b>	Environmental Assessment
<b>EDE</b>	Effective Dose Equivalent
<b>EHS</b>	Extremely Hazardous Substance
<b>EIS</b>	Environmental Impact Statement
<b>ELAB</b>	(WVDP) Environmental Laboratory
<b>EMS</b>	Environmental Management System
<b>EO</b>	Executive Order
<b>EPA</b>	(U.S.) Environmental Protection Agency
<b>EPCRA</b>	Emergency Planning and Community Right-to-Know Act
<b>ERA</b>	Environmental Research Associates
<b>ES&amp;H</b>	Environmental, Safety, and Health
<b>ESR</b>	(WVDP) Effluent Summary Report
<b>FR</b>	Federal Register
<b>FRS</b>	Fuel Receiving and Storage
<b>FY</b>	Fiscal Year
<b>GEL</b>	General Engineering Laboratory
<b>GTAR</b>	Groundwater Trend Analysis Report
<b>HEPA</b>	High-Efficiency Particulate Air (filter)
<b>HLW</b>	High-Level (radioactive) Waste
<b>HPIC</b>	High-Pressure Ion Chamber

<b>HTO</b>	Hydrogen Tritium Oxide
<b>HVAC</b>	Heating, Ventilation, and Air Conditioning
<b>IAEA</b>	International Atomic Energy Agency
<b>ICRP</b>	International Commission on Radiological Protection
<b>INL</b>	Idaho National Laboratory
<b>IRTS</b>	Integrated Radwaste Treatment System
<b>ISCORS</b>	Interagency Steering Committee on Radiation Standards
<b>ISMS</b>	Integrated Safety Management System
<b>ISO</b>	International Organization for Standardization
<b>LAS</b>	Linear Alkylate Sulfonate
<b>LDR</b>	Land Disposal Restriction
<b>LIMS</b>	Laboratory Information Management System
<b>LLD</b>	Lower Limit of Detection
<b>LLW</b>	Low-Level (radioactive) Waste
<b>LLW2</b>	Low-Level (liquid) Waste Treatment Facility (new)
<b>LLWTF</b>	Low-Level (liquid) Waste Treatment Facility (old)
<b>LPS</b>	Liquid Pretreatment System
<b>LSA</b>	Lag Storage Area
<b>LSA #1</b>	Lag Storage Addition #1
<b>LSA #2</b>	Lag Storage Hardstand
<b>LTR</b>	License Termination Rule
<b>LVLI</b>	Lionville Laboratory, Inc.
<b>LWTS</b>	Liquid Waste Treatment System
<b>MAPEP</b>	Mixed Analyte Performance Evaluation Program
<b>MCL</b>	Maximum Contaminant Level
<b>MCLG</b>	Maximum Contaminant Level Goal
<b>MDC</b>	Minimum Detectable Concentration
<b>MDL</b>	Method Detection Limit (also Minimum Detection Level)
<b>MEI</b>	Maximally Exposed Individual
<b>MEOSI</b>	Maximally Exposed Off-Site Individual
<b>MGD</b>	Million Gallons per Day
<b>ML</b>	Minimum Level
<b>MMBTU</b>	One million BTUs (a thousand thousand BTUs), also expressed as MBTU
<b>MSDS</b>	Material Safety Data Sheet
<b>MTAR</b>	Monthly Trend Analysis Report
<b>MW</b>	(Radioactive and Hazardous) Mixed Waste
<b>NCRP</b>	National Council on Radiation Protection and Measurements
<b>NDA</b>	Nuclear Regulatory Commission (NRC)-Licensed Disposal Area
<b>NEPA</b>	National Environmental Policy Act

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<b>NESHAP</b>	National Emission Standards for Hazardous Air Pollutants
<b>NFS</b>	Nuclear Fuel Services, Inc.
<b>NGVD</b>	National Geodetic Vertical Datum
<b>NH<sub>3</sub></b>	Ammonia
<b>NIST</b>	National Institute of Standards and Technology
<b>NOAA</b>	National Oceanic and Atmospheric Administration
<b>NOI</b>	Notice of Intent
<b>NOV</b>	Notice of Violation
<b>NO<sub>x</sub></b>	Nitrogen Oxides
<b>NPDES</b>	National Pollutant Discharge Elimination System
<b>NPGRS</b>	North Plateau Groundwater Recovery System
<b>NPOC</b>	Nonpurgeable Organic Carbon
<b>NRC</b>	(U.S.) Nuclear Regulatory Commission
<b>NTS</b>	Nevada Test Site
<b>NTU</b>	Nephelometric Turbidity Unit
<b>NYCRR</b>	New York Official Compilation of Codes, Rules, and Regulations
<b>NYS</b>	New York State
<b>NYSDEC</b>	New York State Department of Environmental Conservation
<b>NYSDOH</b>	New York State Department of Health
<b>NYSDOH ELAP</b>	(NYSDOH) Environmental Laboratory Approval Program
<b>NYSDOL</b>	New York State Department of Labor
<b>NYSERDA</b>	New York State Energy Research and Development Authority
<b>NYSGS</b>	New York State Geological Survey
<b>OH/WVDP</b>	Department of Energy, West Valley Demonstration Project
<b>OSHA</b>	Occupational Safety and Health Administration
<b>OVE</b>	Outdoor Ventilated Enclosure
<b>P2</b>	Pollution Prevention
<b>PCB</b>	Polychlorinated Biphenyl
<b>PQL</b>	Practical Quantitation Limit
<b>PTW</b>	Permeable Treatment Wall
<b>PUREX</b>	Plutonium Uranium Reduction Extraction
<b>PVS</b>	Permanent Ventilation System
<b>PVU</b>	Portable Ventilation Unit
<b>QA</b>	Quality Assurance
<b>QAP</b>	Quality Assessment Program (also Quality Assurance Program)
<b>QC</b>	Quality Control
<b>QF</b>	Quality Factor
<b>QTAR</b>	Quarterly Trend Analysis Report

<b>RCRA</b>	Resource Conservation and Recovery Act
<b>REM</b>	Roentgen Equivalent Man
<b>RFI</b>	RCRA Facility Investigation
<b>RHWF</b>	Remote-Handled Waste Facility
<b>ROD</b>	Record of Decision
<b>SAR</b>	Safety Analysis Report
<b>SARA</b>	Superfund Amendments and Reauthorization Act
<b>SD</b>	Standard Deviation
<b>SDA</b>	(New York) State-Licensed Disposal Area
<b>SDWA</b>	Safe Drinking Water Act
<b>SI</b>	Systeme Internationale (International System of Units)
<b>SO<sub>2</sub></b>	Sulfur Dioxide
<b>SPDES</b>	(New York) State Pollutant Discharge Elimination System
<b>SRM</b>	Standard Reference Material
<b>SSWMU</b>	Super Solid Waste Management Unit
<b>STL</b>	Severn Trent Laboratories
<b>STP</b>	Site Treatment Plan
<b>STS</b>	Supernatant Treatment System
<b>SVOC</b>	Semivolatile Organic Compound
<b>SWMU</b>	Solid Waste Management Unit
<b>TAGM</b>	Technical and Administrative Guidance Memorandum
<b>TBP</b>	Tributyl Phosphate
<b>TCE</b>	Trichloroethylene
<b>TDS</b>	Total Dissolved Solids
<b>THOREX</b>	Thorium Reduction Extraction
<b>TKN</b>	Total Kjeldahl Nitrogen
<b>TLD</b>	Thermoluminescent Dosimeter
<b>TOC</b>	Total Organic Carbon
<b>TOGS</b>	Technical and Operational Guidance Series
<b>TOX</b>	Total Organic Halides
<b>TRI</b>	Toxic Release Inventory
<b>TRU</b>	Transuranic
<b>TSCA</b>	Toxic Substances Control Act
<b>TSDF</b>	Treatment, Storage, and Disposal Facility
<b>TSS</b>	Total Suspended Solids
<b>U.S.</b>	United States
<b>URS</b>	URS Group, Inc.
<b>USC</b>	United States Code
<b>USGS</b>	United States Geological Survey

*Acronyms and Abbreviations*

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<b>VF</b>	Vitrification Facility
<b>VOC</b>	Volatile Organic Compound
<b>VPP</b>	(U.S. DOE) Voluntary Protection Program
<b>WNYNSC</b>	Western New York Nuclear Service Center
<b>WVDP</b>	West Valley Demonstration Project
<b>WVNS</b>	West Valley Nuclear Services Company (now WVNSCO)
<b>WVNSCO</b>	West Valley Nuclear Services Company
<b>WWTF</b>	Wastewater Treatment Facility