

## OST Acronyms List

### ~ A ~

A&C	abatement and control
A/EQCP	architectural/engineering quality control plan
AADM	advanced atomic demolition munition
AAEE	American Academy of Environmental Engineers
ALA	American Association for Laboratory Accreditation
AAQS	ambient air quality standard
AARC	Alliance for Acid Rain Control
AAS	atomic absorption spectroscopy, or American Astronautical Society
AASHTO	American Association of State Highway and Transportation Officials
ABS	absolute
AC	alternating current
ACBM	asbestos-containing building material
ACE	U.S. Army Corps of Engineers (also COE and USACE)
ACI	American Concrete Institute
ACM	asbestos-containing material
ACS	American Chemical Society
ADAS	air data acquisition system
ADI	acceptable daily intake
ADSS	air data screening system
AE	architect-engineer
AEA	Atomic Energy Act of 1954
AEC	Atomic Energy Commission
AEERL	Air Energy Engineering Research Laboratory
AEM	acoustic emission monitoring
AF	Air Force, or audio frequency
AFAP	artillery-fired atomic projectile
AFB	Air Force Base
AFFF	aqueous film-forming foam
AFI	American Forest Institute
AGA	American Gas Association
AGI	American Geological Institute
AGL	above ground level
AHERA	Asbestos Hazard Emergency Response Act
AIA	American Institute of Architects
AIChE	American Institute of Chemical Engineers
AIEE	American Institute of Electrical Engineers
AIG	Assistant Inspector General
AIHA	American Industrial Hygiene Association
AIHC	American Industrial Health Council
AIME	American Institute of Metallurgical, Mining, and Petroleum Engineers
AL	Albuquerque Operations Office
ALARA	as low as reasonably achievable (or allowable)
ALARP	as low as reasonably possible
ALCD	Alternative Landfill Cover Demonstration
AM	amplitude modulation, ante meridiem (before noon), or americium (Am)
AMA	American Medical Association, or Automobile Manufacturers' Association
AMBIENS	atmospheric mass balance of industrially emitted and natural sulfur
AMP	amperes
AMSL	above mean sea level
AMU	atomic mass unit
ANL	Argonne National Laboratory
ANL-E	Argonne National Laboratory-East (in Chicago)

ANL-W	Argonne National Laboratory--West (at INEEL)
ANS	American Nuclear Society
ANSI	American National Standards Institute
APEN	air pollution emission notice
APER	air pollution emission report
API	American Petroleum Institute
ARAR	applicable or relevant and appropriate requirement
ARI	Air Conditioning and Refrigeration Institute
ASCE	American Society of Civil Engineers
ASCII	American Standard Code for Information Interchange
ASHRAE	American Society of Heating, Refrigerating, and Air Conditioning Engineers
ASL	above sea level
ASME	American Society of Mechanical Engineers
ASQC	American Society for Quality Control
ASTD	Accelerated Site Technology Deployment
ASTM	American Society for Testing and Materials
AVGAS	aviation gasoline
AVLIS	atomic vapor laser isotope separation
AWPS	Advanced Worker Protection System
AWWT	advanced wastewater treatment

**~ B ~**

BACT	best available control technology
BADT	best available demonstrated technology
BAT	best available technology
BDL	below detection limits
BGD	billions of gallons per day
bgs	below ground surface
BHI	Bechtel Hanford, Inc.
BNFL	British Nuclear Fuels, Ltd.
BNL	Brookhaven National Laboratory
BOA	basic ordering agreement
BRC	below regulatory concern
BRS	Biomass Remediation System
BTEX	benzene, toluene, ethylbenzene, and xylene
BTU	British thermal unit
BTUH	BTUs per hour
BVEST	Bethel Valley Evaporator Storage Tank (Oak Ridge Reservation)
B&W	Babcock and Wilcox Company

**~ C ~**

C	Celsius, or centigrade
CAA	Clean Air Act
CAB	citizen advisory board
CAD	computer-aided design
CAER	community awareness and emergency response
CBD	Commerce Business Daily
CBO	Congressional Budget Office
CBPC	chemically bonded phosphate ceramic
CBR	chemical, biological, radiological
CCD	charge-coupled device (or detector), or countercurrent decanting
CCO	catalytic chemical oxidation
CDC	Centers for Disease Control
CEEM	Center for Energy and Environmental Management
CEM	continuous emission monitoring

CEMS	continuous emission monitoring system
CEQ	Council on Environmental Quality
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CF	cubic foot (feet)
CFC	chlorinated fluorocarbon
CFM, cfm	cubic feet per minute, or chlorofluoromethane
CFR	Code of Federal Regulations (10 CFR 50 = Code of Federal Regulations, Title 10, Part 50)
CFS	cubic feet per second
CHC	chlorinated hydrocarbon
CHMM	certified hazardous materials manager
CHRIS	Chemical Hazard Response Information System
CH-TRU	contact-handled transuranic waste
Ci	Curie
CIH	certified industrial hygienist
CLP	Contract Laboratory Program
CLSM	controlled low-strength material
CMCO	octyl-(phenyl-N,N-diisobutyl carbamoyl) methyl phosphine
CMST	Characterization, Monitoring, and Sensor Technology Crosscutting Program
CO	contracting officer
COC	contaminant (or chemical) of concern
COCO	contractor-owned/contractor-operated
COE	Corps of Engineers (also ACE and USACE)
COI	conflict of interest
CONUS	continental United States
COR	contracting officers' representative
COTR	contracting officers' technical representative
CP-5	Chicago Pile 5 Research Reactor
CPAF	cost plus award fee
CPFF	cost plus fixed fee
CPI	consumer price index
CPIF	cost plus incentive fee
cpm/mL	counts per minute per milliliter
CPT	cone penetration test, or cone penetrometer
CPU	central processing unit
Cr(III), Cr(VI)	trivalent chromium, hexavalent chromium
CRADA	cooperative research and development agreement
CRDL	contract-required detection limit
CRT	cathode ray tube
CST	crystalline silicotitanate
CTEN	continuous thermal and epithermal neutron
CV	column volume
CVLS	Coherent Laser Vision System
CVOC	chlorinated volatile organic compound
CWA	Clean Water Act of 1977
CWBS	contract work breakdown structure
CWDF	Central Waste Disposal Facility
CY	cubic yards, or calendar year

~ **D** ~

3-D	three-dimensional
3D-ICAS	Three-Dimensional, Integrated Characterization and Archiving System
DARTS	DOE Audit Report Tracking System
DBMS	database management system
DC	direct current
DCB	3,3-dichlorobenzidine (and its salts)

DCE	dichloroethylene
DCO	direct chemical oxidation
D&D	decontamination and decommissioning, or deactivation and decommissioning
DDFA	Deactivation and Decommissioning Focus Area
DDT	dichlorodiphenyltrichloroethane
DHLW	defense high-level waste
DNA	deoxyribonucleic acid
DNAPL	dense, nonaqueous-phase liquid
DNFSB	Defense Nuclear Facilities Safety Board
DO	dissolved oxygen
DOD, DoD	U.S. Department of Defense
DOE	U.S. Department of Energy
DOE-DP	U.S. Department of Energy, Defense Programs
DOI	U.S. Department of Interior
DOJ	U.S. Department of Justice
DOL	U.S. Department of Labor
DOS	U.S. Department of State, or disk operating system
DOT	U.S. Department of Transportation
DP	Defense Programs
DPI, or dpi	dots per inch
DQO	data quality objective
DRE	destruction and removal efficiency
DRMO	Defense Reutilization and Marketing Office
DSCF	dry standard cubic feet
DSS	Decision Support System
DSSF	double-shell slurry feed
DST	double-shell tank
DT	detention time
DTS	Deliverable Tracking System
DU	depleted uranium
DW	drinking water
DWPF	Defense Waste Processing Facility (Savannah River Site)
DWS	drinking water standard

~ **E** ~

EA	environmental assessment
EBWR	experimental boiling-water reactor
ED	effective dose, or electron diffraction
EDB	ethylene dibromide
EDC	1,2-dichloroethane, or ethylene dichloride
EDTA	ethylenediamine tetraacetate
EG&G	Edgerton, Germeshausen, and Grier Corporation
EG&G-RF	EG&G–Rocky Flats, Inc.
EG&G-STL	EG&G–Special Technology Lab
EH	Assistant Secretary for Environment, Safety and Health
EIS	environmental impact statement
EM	Office of Environmental Management
EOE	Equal Opportunity employer
EOY	end of year
EPA	U.S. Environmental Protection Agency
EPDM	ethylene propylene diene monomer
EPRI	Electric Power Research Institute
ER	Office of Environmental Restoration
ERDA	Energy Research and Development Association
ERL	Environmental Research Laboratory

ERT	electrical resistance tomography
ES&H	Office of Environment, Safety and Health
ESCA	electron spectroscopy for chemical analysis
ESH	Environment, Safety and Health
ESP	Efficient Separations and Processing Crosscutting Program, enhanced sludge processing, extended sludge processing, or electrostatic precipitator
ESW	enhanced sludge washing
ETF	effluent treatment facility
EU	enriched uranium

**~ F ~**

F	Fahrenheit
FACM	friable asbestos-containing material
FBC	fluidized-bed combustor
FBI	fluidized-bed incinerator
FEIS	final environmental impact statement, or fugitive emissions information system
FEMA	Federal Emergency Management Agency
FEMP	Fernald Environmental Management Project
FERC	Federal Energy Regulatory Commission
FERMILAB	Fermi National Accelerator Laboratory
FETC	Federal Energy Technology Center
FFA	federal facilities agreement
FFTF	Fast Flux Test Facility
FID	flame ionization detector
FIFO	first in/first out
FIM	friable insulation material
FIU-HCET	Florida International University Hemispheric Center for Environmental Technology
FOIA	Freedom of Information Act
FONSI	finding of no significant impact
FS	feasibility study
FSAP	field sampling and analysis plan
FSAR	final safety analysis report; or final safety assessment report
FSP	field sampling plan
FTE	full-time equivalent
FTIR	Fourier transform-infrared (spectrophotometer)
FUSRAP	Formerly Utilized Sites Remedial Actions Program
FWCA	Fish and Wildlife Coordination Act
FWPCA	Federal Water Pollution Control Act
FWS	Fish and Wildlife Service
FY	fiscal year

**~ G ~**

G&A	general and administrative
GAAT	Gunite and Associated Tanks (Oak Ridge Reservation)
GAC	granular (or granulated) activated carbon
GAO	U.S. General Accounting Office
GC	gas chromatograph
GC/MS	gas chromatograph/mass spectrometer
GDME	glycol dimethylether
GDP	guanosine diphosphate
GI	gastrointestinal
GIS	geographic information system, or global indexing system
GMT	Greenwich mean time, or Geiger-Mueller tube
GNP	gross national product
GOCO	government owned/contractor operated

GOGO	government owned/government operated
GPAD	gallons per acre per day
GPCD	gallons per capita per day
GPD	gallons per day
GPM, gpm	gallons per minute
GPO	Government Printing Office
GPR	ground-penetrating radar
GPS	global positioning system
GSA	General Services Administration, or Geological Society of America
GTCC	greater-than-Class-C

~ H ~

HAP	hazardous air pollutants
HARM	Hazardous Assessment Rating Methodology
HAZMAT	hazardous materials
HAZWRAP	Hazardous Waste Remedial Action Program
HCl	hydrochloric acid
HCS	Hazardous Communications Standards
HDPE	high-density polyethylene
HEPA	high-efficiency particulate air (filters)
HEU	highly enriched uranium
HFIR	High-Flux Isotope Reactor
HI	hazard index
HIDS	Hazardous Incident Data System
HLLW	high-level liquid waste
HLRW	high-level radioactive waste
HLW	high-level waste
HM	hazardous materials
HP	health physics
HPLC	high-performance liquid chromatography
HPT	health physics technician
HRI	heat recovery incineration
HRS	(Superfund) Hazard Ranking System
H&S	health and safety
HSP	Health and Safety Plan
HTO	tritiated water
HTRW	hazardous, toxic, and radioactive waste
HVAC	heating, ventilation, air condition (system)

~ I ~

IA	interagency agreement
IAEA	International Atomic Energy Agency
IC(A)P/AES	inductively coupled (argon) plasma/atomic emission spectrometry
ICP/MS	inductively coupled plasma/mass spectrometry
ICPP	Idaho Chemical Processing Plant
ICRP	International Commission on Radiological Protection
ID	inside diameter, identification, Idaho Operations Office, or integrated demonstration
IG	Office of Inspector General
IH	industrial hygiene
INEEL	Idaho National Engineering and Environmental Laboratory
INPO	Institute for Nuclear Power Operations
I/O	input/output
IP	Industry Programs
IR	infrared
ISO	International Standards Organization

ISRM	In Situ Redox Manipulation
ISV	in situ vitrification
ITMS	ion trap mass spectrometer
ITP	in-tank precipitation
ITRC	Interstate Technology and Regulatory Cooperation (Work Group)
ITSR	innovative technology summary report
IUOE	International Union of Operating Engineers
IWTP	industrial waste treatment plant

**~ J ~**

JCCEM	Joint Coordinating Committee on Environmental Management
JPL	Jet Propulsion Laboratory

**~ K ~**

$K_d$	distribution coefficient
kV	kilovolt
kVA	kilovolt-ampere
kWH	kilowatt-hour

**~ L ~**

LAER	lowest achievable emission rate
LAMS	Landfill Assessment and Monitoring System
LA/MS	laser ablation/mass spectroscopy
LAN	local area (computer) network
LANL	Los Alamos National Laboratory
LAW	low-activity waste
LBNL	Lawrence Berkley National Laboratory
LCD	liquid crystal display
LDR	(RCRA) land disposal restriction
LDUA	Light-Duty Utility Arm
LED	light-emitting diode
LF	liner foot, or low frequency
LF/VLF	low frequency/very low frequency
LIBS	laser-induced breakdown spectroscopy
LIF(I)	laser-induced fluorescence (imaging)
LIFO	last in/first out
LLLW	liquid low-level waste
LLNL	Lawrence Livermore National Laboratory
LLRW	low-level radioactive waste
LLW	low-level waste
LMFBR	Liquid-Metal Fast Breeder Reactor
LNAPL	light, nonaqueous-phase liquid
LNG	liquid natural gas
LOEL	lowest observed effect level
LPG	liquid petroleum gas
LSD(D)P	large-scale demonstration (and deployment) project
LTM	long-term monitoring
LTTD	low-temperature thermal desorption
LUFT	leaking underground fuel tank
LUST	leaking underground storage tank
LWR	light-water reactor

**~ M ~**

M, <i>M</i>	molar
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MACS	Mobile Automated Characterization System
MACT	maximum achievable control technology
MAWS	Minimum-Additive Waste Stabilization
MCL	maximum contaminant level
MDL	method detection limit
MEI	maximum exposure index, or maximum exposed individual
MGD	million gallons per day
MIPS	million instructions per second
MLDUA	Modified Light-Duty Utility Arm
MLLW	mixed low-level waste
MLLWDF	mixed low-level waste disposal facility
MLLWTF	mixed low-level waste treatment facility
M&O	Management and Operations (contractor for DOE facility)
MOGAS	motor gasoline
MOU	memorandum or understanding
MP	melting point
MPC	maximum permissible concentration
MQL	method quantitation limit
MS	mass spectrometer
MSBR	molten-salt breeder reactor
MSDS	material safety data sheet
MSL	mean sea level
MSW	municipal solid waste
MT	metric tons
MTBE	methyl tertiary butyl ether
MVST	Melton Valley Storage Tank (Oak Ridge Reservation)
MWFA	Mixed Waste (Characterization, Treatment and Disposal) Focus Area

~ N ~

NAPL	nonaqueous-phase liquid
NAREL	National Air Radiation Environmental Laboratory
NARM	naturally occurring and accelerator-produced radioactive material
NAS	National Academy of Sciences
NASA	National Aeronautics and Space Administration
NaSICON	sodium super ion conductor
NBS	National Bureau of Standards
NCLP	National Contact Laboratory Program
NCP	National Contingency Plan
ND	not detected
NDA	nondestructive assay
NDE	nondestructive evaluation
NDIR	nondispersive infrared analysis
NDT	nondestructive testing
NDWAC	National Drinking Water Advisory Council
NEHRP	National Earthquake Hazards Reduction Program
NEPA	National Environmental Policy Act of 1969
NESHAPS	National Emissions Standards Hazardous Air Pollutants (Clean Air Act)
NFA	no further action
NFPA	National Fire Protection Agency
NGB	National Guard Bureau
NHPA	National Historic Preservation Act
NHTSA	National Highway Traffic Safety Administration
NIH	National Institutes of Health
NIMBY	not in my back yard
NIOSH	National Institute for Occupational Safety and Health

NIR	near-infrared (spectroscope)
NIST	National Institute of Standards and Technology
NISV	nonconventional in situ vitrification
NMR	nuclear magnetic resonance
NOAA	National Oceanic and Atmospheric Administration
NOAEL	no observed adverse effects level
NOHSCP	National Oil and Hazardous Substances Contingency Plan
NOI	notice of intent
NORM	naturally occurring radioactive material
NOX, or NO <sub>x</sub>	nitrous oxides
NPDES	National Pollutant Discharge Elimination System
NPDWR	National Primary Drinking Water Regulation
NPL	National Priority List
NRC	U.S. Nuclear Regulatory Commission
NREL	National Renewal Energy Laboratory
NSDWR	National Secondary Drinking Water Regulations
NSF	National Science Foundation
NTIS	National Technical Information Service
NTS	Nevada Test Site
NTSB	National Transportation Safety Board

~ **O** ~

OBS	organizational breakdown structure
OCRWM	Office of Civilian Radioactive Waste Management
OD	outside diameter
OEO	Office of Equal Opportunity
OHF	Old Hydrofracture Facility (Oak Ridge Reservation)
O&M	operation and management, or operation and maintenance
OMB	Office of Management and Budget
ORAU	Oak Ridge Associated Universities
ORGDP	Oak Ridge Gaseous Diffusion Plant
ORNL	Oak Ridge National Laboratory
ORO	Oak Ridge Operations
ORPS	Occurrence Reporting and Processing System
ORR	Oak Ridge Reservation
OSHA	Occupational Safety and Health Administration
OST	Office of Science and Technology
OSTI	Office of Scientific and Technical Information
OSWER	Office of Solid Waste and Emergency Response
OU	operable unit

~ **P** ~

PA	preliminary assessment, or preliminary site assessment
PAH	polyaromatic hydrocarbon, or polycyclic aromatic hydrocarbon
PA/SI	preliminary assessment/site inspection
PAWS	Portable Acoustic Wave Sensor
PBB	polybrominated biphenyl
PC	personal computer
PCB	polychlorinated biphenyl
PCE	perchloroethylene (tetrachloroethylene)
PCP	pentachlorophenol
PCT	product consistency test
PFT	permanent full-time
PFTE	permanent full-time equivalent
PGDP	Paducah Gaseous Diffusion Plant

PI	principal investigator
PID	photoionization detector
PLF	productivity loss factor
PLS	partial least squares
PNNL	Pacific Northwest National Laboratory
POC	point of contact
POL	petroleum, oil, and lubricants
PORTS	Portsmouth Gaseous Diffusion Plant
ppb	parts per billion
PPE	personal protective (or protection) equipment
ppm	parts per million
PPPL	Princeton Plasma Physics Laboratory
QQL	practical quantitation limit
PRDA	Program Research and Development Announcement (or Agreement)
PSAR	Preliminary Safety Analysis Report
PSI	pounds per square inch
PSIA	pounds per square inch absolute
PSIG	pounds per square inch, gauge
Pu	plutonium
PVC	polyvinyl chloride

~ **Q** ~

QA	quality assurance
QAC	quality assurance coordinator
QA/QC	quality assurance/quality control
QC	quality control

~ **R** ~

R	roentgen
RA	remedial action
RAAS	Remedial Action Assessment System
RAATS	RCRA Administrative Action Tracking System
RAD	radiation adsorbed dose
RAL	remote analytical laboratory
RAM	random access memory
RCI	Rapid Commercialization Initiative
RCRA	Resource Conservation and Recovery Act of 1976
R&D	research and development
RE(E)	rare earth (element)
rem	roentgen equivalent man
RF, or R-F	resorcinol-formaldehyde (resin), radio frequency
RFETS	Rocky Flats Environmental Technology Site
RH	remotely-handled (waste)
RH-TRU	remotely-handled TRU waste
RI	remedial investigation
RI/FS	remedial investigation/feasibility study
RMCL	recommended maximum containment level
RMW	radioactive mixed waste
ROD	record of decision
ROI	return on investment
ROM	read-only memory, or rough order of magnitude
ROV	remotely operated vehicle
RRP	Resource Recovery Project
RSD	relative standard deviation
RSM	radioactive scrap metal

RTAL Road-Transportable Analytical Laboratory  
RTDF Remediation Technology Development Forum  
RTDP Robotics Technology Development Program  
RTDP Robotics Technology Development Program

~ S ~

S&A sampling and analysis, or surveillance and analysis  
SAE Society of Automotive Engineers  
SAIC Science Applications International Corporation, or Special Agent In Charge  
SARA Superfund Amendments and Reauthorization Act of 1986  
SAW/GC Surface Acoustic Wave/Gas Chromatograph  
SAWS Surface Acoustic Wave Sensor  
SBA Small Business Administration, or Small Business Act  
SBIR Small Business Innovative Research (Program)  
SBW sodium-bearing waste  
SCBA self-contained breathing apparatus  
SCFA Subsurface Contaminants Focus Area  
SCFM standard cubic feet per minute  
SCM Surface Contamination Monitor  
SD standard deviation, sample duplicate  
SDWA Safe Drinking Water Act  
SEAMIST Science and Engineering Associates Membrane Instrumentation and Sampling Technique  
SEB Source Evaluation Board  
SEM scanning electron microscope  
SF square foot, or Standard Form  
SI site inspection  
SIMS Secondary Ion Mass Spectroscopy  
SITE Superfund Innovative Technology Evaluation  
S&M surveillance and maintenance  
SMART Sequential Modular Architecture for Robotics and Teleoperation  
SNL Sandia National Laboratories  
SNLA Sandia National Laboratory–Albuquerque  
SOP standard operating procedure  
SOW statement of work  
SPCC spill prevention, containment, and countermeasure  
SPSH Six-Phase Soil Heating  
SREL Savannah River Ecology Laboratory  
SREX Strontium Extraction  
SRL Savannah River Laboratory  
SRS Savannah River Site  
SRTC Savannah River Technology Center  
SS suspended solids, or stainless steel  
S&S safeguards and security  
SSEB Southern States Energy Board  
SST single-shell tank, safe/secure transporter or trailer, supersonic transport, sodium silicotitanate  
START Strategic Arms Reduction Talks  
STCG site technology coordinating group  
STEM scanning transmission electron microscope  
SVE soil vapor extraction  
SVOA semivolatile organic analysis  
SVOC semivolatile organic compound  
SWLF solid waste landfill  
SWMU solid waste management unit

~ T ~

TAL target analyte list  
 TAN Test Area North (INEEL)  
 TBD to be determined  
 TBP tributylphosphate  
 TCA 1,1,1-tetrachloroethane, or trichloroethane  
 TCE trichloroethylene  
 TCL target compound list  
 TCLP total concentrate leachate procedure, or toxicity characteristic leaching procedure  
 TDGC/MS time domain gas chromatography/mass spectroscopy  
 TDI Technology Deployment Initiative  
 TDL target detection limit, or tunable diode laser  
 TDS total dissolved solids  
 TEAM total exposure assessment model  
 TEM transmission electron microscope  
 TEVES Thermal Enhanced Vapor Extraction System  
 TFA Tanks Focus Area  
 TGA thermogravimetric analysis  
 THC total hydrocarbons  
 TIE Technical Information Exchange  
 TiO<sub>2</sub> titanium dioxide  
 TIRS transient infrared spectroscopy  
 TLD thermoluminescent dosimeter  
 T&M time and materials  
 TMDL total maximum daily load  
 TMI Three Mile Island  
 TOC total organic carbon (or compound)  
 TQM Total Quality Management  
 TRI Toxic Release Inventory  
 TRIC tank riser interface and confinement  
 TRU transuranic (waste)  
 TRUEx Transuranic Extraction  
 TRUPACT Transuranic Waste Package Transporter  
 TSCA Toxic Substances Control Act  
 T/S/D treatment, storage, and disposal  
 TSS total suspended solids  
 TTP Technical Task Plan  
 TVA Tennessee Valley Authority  
 TVS Transportable Vitrification System  
 TWA time-weighted average, or total waste analysis  
 TWRS Tank Waste Remediation System (Hanford)

~ U ~

U uranium  
 UBC Uniform Building Code  
 UCL upper confidence limit, or upper control limit  
 UCNI unclassified, controlled nuclear information  
 UETC Urban Energy and Transportation Corporation  
 UHF ultrahigh frequency  
 UI user interface  
 UL Underwriter's Laboratory  
 UMTRA(P) Uranium Mill Tailings Remedial Action (Program)  
 UNESCO United Nations Educational, Scientific and Cultural Organization  
 UNIDO United Nations Industrial Development Organization  
 UOR unusual occurrence report  
 UPS uninterruptible power supply/system

URT upper respiratory tract  
USACE U.S. Army Corps of Engineers (also ACE and COE)  
USDA U.S. Department of Agriculture  
USGS U.S. Geological Survey  
UST underground storage tank  
UV ultraviolet

**~ V ~**

VA Veterans' Administration  
VAC volts alternating current  
VAT vinyl asbestos tile, or value added tax  
VCM vinyl chloride monomer  
VES vapor extraction system  
VHO volatile halogenated organics  
VI viscosity index  
VLF very low frequency  
VOA volatile organic analysis  
VOC volatile organic compound (or contaminant)  
VP vapor pressure  
VSS volatile suspended solids

**~ W ~**

WAC waste acceptance criteria  
WBS work breakdown structure  
WETO Western Environmental Technology Office  
WHC Westinghouse Hanford Company  
WIPP Waste Isolation Pilot Plant  
WSRC Westinghouse Savannah River Company  
WST waste storage tank  
WVDP West Valley Demonstration Project  
WWTP wastewater treatment plant

**~ X ~**

XRD X-ray diffraction  
XRF X-ray fluorescence

**~ Y ~**

Y-12 Oak Ridge Y-12 Plant  
YTD year to date

**~ Z ~**

ZBB zero-based budgeting  
ZRL zero risk level

9/30/99