
ACRONYMS AND ABBREVIATIONS

A

ACM - Asbestos-Containing Material
AEA - Atomic Energy Act
ALARA - As Low As Reasonably Achievable
alpha-BHC - alpha-Hexachlorocyclohexane
ANSI - American National Standards Institute
ASER - Annual Site Environmental Report
ASME - American Society of Mechanical Engineers
ASQ - American Society for Quality
AWQS - Ambient Water Quality Standard

B

BAT - Best Available Technology
BCG - Biota Concentration Guide
BEIR - Biological Effects of Ionizing Radiation
BOD₅ - Biochemical Oxygen Demand (5-day)
BSW - Bulk Storage Warehouse

C

CAA - Clean Air Act
CBS - Chemical Bulk Storage
CCHD - Cattaraugus County Health Department
CCZ - Criticality Control Zone
CD - Compact Disk
CDDL - Construction and Demolition Debris Landfill
CEDE - Committed Effective Dose Equivalent
CEMP - Code of Environmental Management Principles (for Federal Agencies)
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
CFR - Code of Federal Regulations
CMS - Corrective Measures Study
CPC - Chemical Process Cell
CPC-WSA - Chemical Process Cell Waste Storage Area
CSPF - Container Sorting and Packaging Facility
CSRF - Contact Size-Reduction Facility
CSS - Cement Solidification System
CTF - (West Valley) Citizen Task Force
CUP - Cask Unloading Pool
CWA - Clean Water Act
CX - Categorical Exclusion
CY - Calendar Year

D

D&D - Decontamination and Decommissioning
DCDFMeth - Dichlorodifluoromethane
DCG - Derived Concentration Guide
DL - Detection Limit or Detection Level
DMR - Discharge Monitoring Report
DOE - (U.S.) Department of Energy
DOE-EM - Department of Energy, Office of Environmental Management
DOE-HQ - Department of Energy, Headquarters Office
DOE-WVDP - Department of Energy, West Valley Demonstration Project (title as of June 2006)
DOT - (U.S.) Department of Transportation

E

E.O. - Executive Order
EA - Environmental Assessment
ECL - (New York State) Environmental Conservation Law
EDE - Effective Dose Equivalent
EHS - Extremely Hazardous Substance
EIS - Environmental Impact Statement
ELAB - (WVDP) Environmental Laboratory
ELAP - (New York State Department of Health) Environmental Laboratory Approval Program
EMS - Environmental Management System
EPA - (U.S.) Environmental Protection Agency
EPCRA - Emergency Planning and Community Right-to-Know Act
ES&H - Environmental, Safety, and Health
ESR - (WVDP) Effluent Summary Report

F

FFCA - Federal Facilities Compliance Act
FIFRA - Federal Insecticide, Fungicide, and Rodenticide Act
FONSI - Finding of No Significant Impact
FR - Federal Register
FRS - Fuel Receiving and Storage
FY - Fiscal Year

G

GEL - General Engineering Laboratory
GTAR - Groundwater Trend Analysis Report

H

HEPA - High-Efficiency Particulate Air (filter)
HLW - High-Level (radioactive) Waste
HPIC - High-Pressure Ion Chamber
HTO - Hydrogen Tritium Oxide
HVAC - Heating, Ventilation, and Air Conditioning

I

IAEA - International Atomic Energy Agency
ICRP - International Commission on Radiological Protection
INL - Idaho National Laboratory
IRTS - Integrated Radwaste Treatment System
ISCORS - Interagency Steering Committee on Radiation Standards
ISMS - Integrated Safety Management System
ISO - International Organization for Standardization
IWSF - Interim Waste Storage Facility

L

LAS - Linear Alkylate Sulfonate
LDR - Land Disposal Restriction
LFR - Live Fire Range
LIMS - Laboratory Information Management System
LLD - Lower Limit of Detection
LLW - Low-Level (radioactive) Waste
LLW2 - Low-Level (liquid) Waste Treatment Facility
LPS - Liquid Pretreatment System
LSA - Lag (Low-Level Radioactive Waste) Storage Area
LSA #1 - Lag Storage Addition #1
LSA #2 - Lag Storage Hardstand #2
LSB - Lag Storage Building
LTR - License Termination Rule
LWTS - Liquid Waste Treatment System

M

MAPEP - Mixed Analyte Performance Evaluation Program
MCL - Maximum Contaminant Level
MCLG - Maximum Contaminant Level Goal
MDC - Minimum Detectable Concentration
MDL - Method Detection Limit (also Minimum Detection Level)
MEI - Maximally Exposed Individual
MEOSI - Maximally Exposed Off-Site Individual
MGD - Million Gallons per Day
MOU - Memorandum of Understanding
MSDS - Material Safety Data Sheet
MW - (Radioactive and Hazardous) Mixed Waste

N

NCRP - National Council on Radiation Protection and Measurements
NDA - Nuclear Regulatory Commission (NRC)-Licensed Disposal Area
NELAC - National Environmental Laboratory Accreditation Conference
NEPA - National Environmental Policy Act
NESHAP - National Emission Standards for Hazardous Air Pollutants
NFS - Nuclear Fuel Services, Inc.
NGVD - National Geodetic Vertical Datum
NH₃ - Ammonia
NIST - National Institute of Standards and Technology
NOAA - National Oceanic and Atmospheric Administration
NOI - Notice of Intent
NOV - Notice of Violation
NO_x - Nitrogen Oxides
NPDES - National Pollutant Discharge Elimination System
NPGRS - North Plateau Groundwater Recovery System
NPOC - Nonpurgeable Organic Carbon
NRC - (U.S.) Nuclear Regulatory Commission
NTS - Nevada Test Site
NYCRR - New York Official Compilation of Codes, Rules, and Regulations
NYS - New York State
NYSDEC - New York State Department of Environmental Conservation
NYSDOH - New York State Department of Health
NYSDOH ELAP - (NYSDOH) Environmental Laboratory Approval Program
NYSDOL - New York State Department of Labor
NYSERDA - New York State Energy Research and Development Authority
NYSGS - New York State Geological Survey

O

OSHA - Occupational Safety and Health Administration
OVE - Outdoor Ventilated Enclosure

P

PCB - Polychlorinated Biphenyl
PE - Professional Engineer
PNL - Pacific Northwest Laboratory
PQL - Practical Quantitation Limit
PTW - Permeable Treatment Wall
PUREX - Plutonium Uranium Reduction Extraction

PVS - Permanent Ventilation System
PVU - Portable Ventilation Unit

Q

QA - Quality Assurance
QAP - Quality Assessment Program (also Quality Assurance Program)
QC - Quality Control
QF - Quality Factor

R

RCRA - Resource Conservation and Recovery Act
REM - Roentgen Equivalent Man
RFI - RCRA Facility Investigation
RHWF - Remote-Handled Waste Facility
RMW - Regulated Medical Waste
ROD - Record of Decision

S

SAR - Safety Analysis Report
SARA - Superfund Amendments and Reauthorization Act
SD - Standard Deviation
SDA - (New York) State-Licensed Disposal Area
SDWA - Safe Drinking Water Act
SI - Système Internationale (International System of Units)
SMS - Safety Management System
SO₂ - Sulfur Dioxide
SPCC - Spill Prevention, Control, and Countermeasures (Plan)
SPDES - (New York) State Pollutant Discharge Elimination System
SRM - Standard Reference Material
SSWMU - Super Solid Waste Management Unit
STL - Severn Trent Laboratory
STP - Site Treatment Plan
STS - Supernatant Treatment System
SU - Standard Unit
SVOC - Semivolatile Organic Compound
SWMU - Solid Waste Management Unit

T

TAGM - Technical and Administrative Guidance Memorandum
TBP - Tributyl Phosphate
TCE - Trichloroethylene
TDS - Total Dissolved Solids
TEDE - Total Effective Dose Equivalent
THOREX - Thorium Reduction Extraction

TKN - Total Kjeldahl Nitrogen
TLD - Thermoluminescent Dosimeter
TOC - Total Organic Carbon
TOGS - Technical and Operational Guidance Series
TOX - Total Organic Halides
TRI - Toxic Release Inventory
TRU - Transuranic
TSCA - Toxic Substances Control Act
TSDF - Treatment, Storage, and Disposal Facility
TSS - Total Suspended Solids

U

U.S. - United States
USACE - U.S. Army Corps of Engineers
URS - URS - Washington Division
USC - United States Code
USGS - United States Geological Survey

V

VOC - Volatile Organic Compound
VPP - (U.S. DOE) Voluntary Protection Program

W

WNYNSC - Western New York Nuclear Service Center
WRES - Washington Regulatory and Environmental Services
WVDP - West Valley Demonstration Project
WVES - West Valley Environmental Services LLC
WVNSCO - West Valley Nuclear Services Company
WWTF - Wastewater Treatment Facility

This page intentionally left blank