ABBREVIATIONS AND ACRONYMS

AA	Atomic Absorption
AASHTO	American Association of State Highway and Transportation Officials
ACI	American Concrete Institute
ACOW	Assistant Chief Office Warden
AD	Automatic Dry Chemical Extinguishing System
ADT	average daily traffic
AIS	Air Intake Shaft
AISC	American Institute for Steel Construction
AK	acceptable knowledge
AKSD	Acceptable Knowledge Sufficiency Determination
ALARA	As Low As Reasonably Achievable
ALI	annual limit on intake
AMM	asphalt mastic mix
ANSI	American National Standards Institute
API	American Petroleum Institute
AR	Action Request
ARM	area radiation monitor
AS	Automatic Wet Pipe Sprinkler System
ASER	Annual Site Environmental Report
ASTM	American Society for Testing and Materials
BDR	Batch Data Reports
BFB	bromofluorobenzene
BGS	below ground surface
BIR	Baseline Inventory Report
BLM	(U. S. Department of the Interior) Bureau of Land Management
BS/BSD	blank spike/blank spike duplicates
CA	controlled area
CAM	continuous airborne monitor
CAR	Corrective Action Report
CAS	Chemical Abstract Service
CBFO	Carlsbad Field Office
CCC	calibration check compounds
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CH	contact-handled
CHAMPS	WIPP automated Maintenance Management tracking program
CIS	Characterization Information Summary
CMR	Central Monitoring Room
CMRO	Central Monitoring Room Operator
CMS	Central Monitoring System
COC	concentrations of concern
COC	chain-of-custody
CofC	chain-of-custody
COW	Chief Office Warden
CPR	Cardio Pulmonary Resuscitation
CQC	contractors quality control

1	CRQL	Contract Required Quantitation Limits
2	CTD	Cumulative Trauma Disorder
3	D&D	Decommissioning and Decontamination
4	DA	Data Administrator
5	DAC	derived air concentration
6	DAC	drum age criteria
7	DHV	design hourly volume
8	DI	deionozed
9	DOE	U. S. Department of Energy
10	DOI	U. S. Department of the Interior
11	DOT	U. S. Department of Transportation
12	DPS	Department of Public Safety
13	DQO	Data Quality Objective
14	DRZ	Disturbed Rock Zone
15	DSA	Documented Safety Analysis
16	EAL	expanded average load
17	ECP	Engineering Change Proposal
18	EDD	electronic data deliverable
19	EEG	Environmental Evaluation Group
20	EM	environmental monitoring
21	EOC	Emergency Operations Center
22	EPA	U. S. Environmental Protection Agency
23	ERT	Emergency Response Team
24	ESP	electric submersible pump
25	EST	Emergency Service Technician
26	FAS	fixed air sampler
27	FEIS	Final Environmental Impact Statement
28	FID	Flame Ionization Detector
29	FIRST	Facility Inspection, Repair, and Service Team
30	FLAC	Fast Lagrangian Analysis of Continua
31	FLIRT	First Line Initial Response Team
32	FLIRTS	First Line Initial Response Team Spectrometry
33	fps units	English Gravitational
34	FPT	Fire Protection Technician
35	FSM	facility shift manager
36	FTIR	Fourier Transform Infra-Red
37	GC/MS	gas chromatography/mass spectrometry
38	GERT	General Employee Radiological Training
39	GET	General Employee Training
40	GIS	Geomechanical Instrumentation System
41	GMS	Geomechanical Monitoring System
42	GWSP	Groundwater Surveillance Program
43	HASP	health and safety plan
44	HDM	Highway Design Manual
45	HEPA	high efficiency particulate air (filter)
46	HERE	Horizontal Emplacement and Retrieval Equipment
47	HMAC	hot mix asphalt concrete
48	HMT	Hazardous Materials Table
49	HPLC	High Pressure Liquid Chromotrogrphy

HSG	headspace gas
HVAC	heating, ventilation (and) air-conditioning (systems)
HWDU	Hazardous Waste Disposal Unit
HWMU	hazardous waste management unit
HWN	hazardous waste number
HWO	hazardous waste operations
HWW	Hazardous Waste Worker
IC	Instrument Calibration
ICP-AES	Inductively Coupled Plasma-Atomic Emission Spectrometry
ICP-MS	Inductively Coupled Plasma—Mass Spectrometry
ICV	Inner Containment Vessel
ID	identification
IDL	Instrument Detection Limits
INEL	Idaho National Engineering Laboratory
JPM	job performance measure
LAN	local area network
LCS	laboratory control samples
LD	limit of detection
LDR	Land Disposal Restrictions
LET	linear energy transfer
LSA	low-specific activity
LWA	Land Withdrawal Act
M&DC	monitoring and data collection
MB117	Marker Bed 117
MB139	Marker Bed 139
M-D	Munson-Dawson (creep model)
MDCF	Multimechanism Deformation Coupled Fracture
MDL	Method Detection Limit
MOC	Management and Operating Contractor
MOU	Memorandum of Understanding
MPS	Manual Pull Stations
MRL	Method Reporting Limits
MRT	Mine Rescue Team
MSDS	Material Safety Data Sheet
MSHA	Mine Safety and Health Administration
NCR	nonconformance report
NDE	non-destructive examination
NFPA	National Fire Protection Association
NIOSH	National Institute of Occupational Safety and Health
NIST	National Institute of Standards and Technology
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NRC	U. S. Nuclear Regulatory Commission
NTIS	National Technical Information Service
OCA	Outer Containment Assembly
OHP	Operational Health Physics
OJT	On-the-Job Training
OSHA	Occupational Safety and Health Administration
OVA	Organic Vapor Analyzer

PA	public address
PA	performance assessment
PABC	Performance Assessment Baseline Calculation
PAS	portable air sampler
PBT	performance based training
PCB	polychlorinated biphenyl
PDP	Performance Demonstration Program
PFE	Portable Fire Extinguishers
PM	Preventive Maintenance
PMP	probable maximum precipitation
PMS	Permanent Marker System
POC	pipe overpack container
POD	Plan of the Day
PPA	Property Protection Area
PPE	personal protective equipment
PRDL	Program Required Detection Limits
PRQL	Program Required Quantitation Limit
PRS	Project Records Service
PTM	Plug Test Matrix
PVA	poly-vinyl alcohol
QA	Quality Assurance
QAO	Quality Assurance Objectives
QAPD	Quality Assurance Program Description
QAPjP	Quality Assurance Project Plan
QC	Quality Control
R&D	Research and Development
RADCON	Radiological Control
RBA	radiological buffer areas
RC	Radiological Control
RCM	Radiological Control Manual
RCRA	Resource Conservation and Recovery Act
RCT	Radiological Control Technician
RFA	request for analysis
RH	remote-handled
RHP	Radiological Work Permit
RIDS	records inventory and disposition schedule
RPD	relative percent differences
RRF	relative response factor
RT	retention time
RTL	regulatory threshold limit
RW	roving watch
RWP	radiological work permit
SAA	Satellite Accumulation Area
SARA	Superfund Amendments and Reauthorization Act
SAT	Systematic Approach to Training
SATCOM	Satellite Communications
SC	specific conductance
SCBA	self-contained breathing apparatus
SERP	Supplemental Emergency Response Program Plan

SI	System International d'Unites
SMC	Salado Mass Concrete
SME	Subject Matter Expert
SNS	Site Notification System
SOP	standard operating procedure
SPCC	System Performance Check Compound
SPDV	site preliminary design validation
SPM	Site Project Manager
SPS	Southwestern Public Service
SRD	self-reading dosimetry
SSSPT	Small-Scale Seal Performance Tests
STLB	sample tracking logbook
SVOC	SemiVolatile Organic Compound
SWB	standard waste box
SWP	safe work permit
TAP	training accreditation program
TC	toxicity characteristic
TCLP	toxicity characteristic leaching procedure
TDOP	ten-drum overpack
TDS	total dissolved solids
TEAL	total expanded average load
TI	traffic index
TIC	tentatively identified compound
TLD	thermoluminescent dosimeters
TOC	total organic carbon
TOX	total organic halogens
TRU	transuranic
TRUDOCK	TRUPACT-II Unloading Dock
TRUPACT-II	Transuranic Package Transporter-II
TSDF	Treatment, Storage, and Disposal Facility
TSS	total suspended solids
UN	United Nations
UPS	uninterruptible power supply
UST	underground storage tank
VE	visual examination
VHS	vent-hood system
VOA	volatile organic analysis
VOC	volatile organic compound
VOCMP	Volatile Organic Compound Monitoring Plan
WAC	waste acceptance criteria
WAP	waste analysis plan
WGES	Westinghouse Government Environmental Company LLC
WGI	Washington Group International
WHB	Waste Handling Building
WIPP	Waste Isolation Pilot Plant
WLMP	WIPP Groundwater Level Monitoring Program
WQSP	Water Quality Sampling Program
WSPF	Waste Stream Profile Form
WTS	Washington TRU Solutions LLC

WTWBIR	WIPP Transuranic Waste Baseline Inventory Report
WWIS	WIPP Waste Information System

UNITS OF MEASURE

%C	percent complete
%D	percent difference
%R	percent recovery
%RSD	percent relative standard deviation
ac	acre(s)
AC	alternating current
acfm	actual cubic feet per minute
C°	degrees Celsius
cc/s	cubic centimeters per second
cm	centimeter
cm^3	cubic centimeter
dpm	disintegrations per minute
F°	degrees Fahrenheit
f'c	psi compressive strength
ft	foot (feet)
ft^3	cubic feet
ft^2	square feet
g	gram
gal	gallon(s)
ha	hectare(s)
hr	hour(s)
in.	inch(es)
in^2	square inch
kg	kilogram(s)
km	kilometer(s)
km^2	square kilometer(s)
kph	kilometers per hour
kV	kilovolt
L	liter(s)
lb	pound(s)
LD50	lethal dose 50%
m	meter(s)
m3	cubic meters
mg	milligram
mg/kg	milligrams per kilogram
mi	mile(s)
min	minute(s)
ml	milliliter
mm	millimeter(s)
MPa	MegaPascal
mph	mile(s) per hour
msl	mean sea level
mV	milliVolt
oz	ounces
ppbv	parts per billion by volume
ppm	part(s) per million

1	ppmv	parts per million by volume
2	psi	pounds per square inch
3	psig	pounds per square inch gauge
4	RAD	Radiation Absorbed Dose
5	Rem	Roentgen Equivalent Man
6	RPD	relative percent difference
7	s	second
8	SCFM	standard cubic feet per minute
9	UCL_{90}	upper 90-percent confidence limit
10	V	volts
11	wt %	weight percent
12	wt.	weight
13	yd	yard
14	yd3	cubic yards
15	yr.	year
16	µg	microgram
17	µm	micrometers