

NOTATION

The following is a list of acronyms and abbreviations, chemical names, and units of measure used in this document.

GENERAL ACRONYMS AND ABBREVIATIONS

ACEP	American Centrifuge uranium enrichment plant
ALARA	as low as reasonably achievable
ANL	Argonne National Laboratory
ANP	Advanced Nuclear Power, Inc.
ATSDR	Agency for Toxic Substances and Disease Registry
BAT	best available technologies
CAP	Citizen's Advisory Panel
CEQ	Council on Environmental Quality
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
D&D	decontamination and decommissioning
DCG	derived concentration guide
DEIS	Draft Environmental Impact Statement
DNFSB	Defense Nuclear Facilities Safety Board
DOE	U.S. Department of Energy
DOT	U.S. Department of Transportation
EA	Environmental Assessment
EIS	Environmental Impact Statement
EPA	U.S. Environmental Protection Agency
ERDA	U.S. Energy Research and Development Administration
ETTP	East Tennessee Technology Park (formerly K-25 site)
FOCI	Foreign Ownership, Control and Influence
FR	<i>Federal Register</i>
GDP	gaseous diffusion plant
HP	health physics
ICRP	International Commission on Radiological Protection
KDWM	Kentucky Division of Waste Management
KPDES	Kentucky Pollutant Discharge Elimination System

LEU	low enriched uranium
LLW	low-level waste
LOC	Local Oversight Committee
MEI	maximally exposed individual
NAAQS	National Ambient Air Quality Standard(s)
NEPA	National Environmental Policy Act
NESHAPs	National Emission Standards for Hazardous Air Pollutants
NIOSH	National Institute of Occupational Safety and Health
NRC	U.S. Nuclear Regulatory Commission
NTS	Nevada Test Site
ODNR	Ohio Department of Natural Resources
ORC	Ohio Revised Code
ORNL	Oak Ridge National Laboratory
ORO	Oak Ridge Operations
ORSSAB	Oak Ridge Site Specific Advisory Board
PACE	Paper, Allied-Industrial, Chemical and Energy International Union
PEIS	Programmatic Environmental Impact Statement
PGDP	Paducah Gaseous Diffusion Plant
P.L.	Public Law
PM ₁₀	particulate matter with a mean aerodynamic diameter of 10 μm or less
PM _{2.5}	particulate matter with a mean aerodynamic diameter of 2.5 μm or less
PORTS	Portsmouth Gaseous Diffusion Plant
PRESS	Portsmouth/Pikeeton Residents for Environmental Safety and Security
RCRA	Resource Conservation and Recovery Act
ROD	Record of Decision
SMR	steam methane reforming
SODI	Southern Ohio Diversification Initiative
TDEC	Tennessee Department of Environment and Conservation
TDS	total dissolved solids
TEPP	Transportation Emergency Preparedness Program
UDS	Uranium Disposition Services, LLC
USEC	United States Enrichment Corporation
WAC	waste acceptance criteria

CHEMICALS

CaF ₂	calcium fluoride
DU	depleted uranium
DUF ₆	depleted uranium hexafluoride
HF	hydrogen fluoride
NH ₃	ammonia
NO _x	nitrogen oxides
Np	neptunium
Pu	plutonium
TCE	trichloroethylene
TRU	transuranic(s)
U ₃ O ₈	triuranium octaoxide
UF ₄	uranium tetrafluoride

UNITS OF MEASURE

°C	degree(s) Celsius	kg	kilogram(s)
Ci	curie(s)	km	kilometer(s)
cm	centimeter(s)	km ²	square kilometer(s)
		kPa	kilopascal(s)
d	day(s)		
dB	decibel(s)	L	liter(s)
dB(A)	A-weighted decibel(s)	lb	pound(s)
°F	degree(s) Fahrenheit	m	meter(s)
ft	foot (feet)	m ²	square meter(s)
ft ²	square foot (feet)	m ³	cubic meter(s)
ft ³	cubic foot (feet)	MeV	million electron volts
		mg	milligram(s)
g	gram(s)	mi	mile(s)
gal	gallon(s)	mi ²	square mile(s)
		min	minute(s)
h	hour(s)	mL	milliliter(s)
ha	hectare(s)	mph	mile(s) per hour
		mR	milliroentgen(s)
in.	inch(es)	mrem	millirem(s)
in. ²	square inch(es)	mSv	millisievert(s)

MVA	megavolt-ampere(s)	rem	roentgen equivalent man
MW	megawatt(s)		
MWh	megawatt-hour(s)	s	second(s)
		Sv	sievert(s)
nCi	nanocurie(s)		
		t	metric ton(s)
oz	ounce(s)	ton(s)	short ton(s)
		wt%	percent by weight
pCi	picocurie(s)	yd ³	cubic yard(s)
ppb	part(s) per billion	yr	year(s)
ppm	part(s) per million		
psia	pound(s) per square inch absolute	μg	microgram(s)
psig	pound(s) per square inch gauge	μm	micrometer(s)