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*Environmental Assessment
for Conducting Astrophysics
and Other Basic Science
Experiments at the WIPP Site*

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ACRONYMS AND ABBREVIATIONS

ACGIH	American Conference of Governmental Industrial Hygienists
AIHA	American Industrial Hygiene Association
ALARA	as low as reasonably achievable
AMANDA	Antarctic Muon and Neutrino Detector Array
ANSI	American National Standards Institute
AQCR	Air Quality Control Regulations
ARF	airborne release fraction
BLM	Bureau of Land Management
CEQ	Council on Environmental Quality
CBFO	DOE Carlsbad Field Office
CFR	Code of Federal Regulations
CH-TRU	contact-handled transuranic
DOE	U.S. Department of Energy
DOE-EM	DOE's Office of Environmental Management
EA	environmental assessment
EIS	environmental impact statement
EPA	U.S. Environmental Protection Agency
ERPG	Emergency Response Planning Guideline
EXO	Enriched Xenon-136 Observatory
FEIS	<i>Final Environmental Impact Statement for the Waste Isolation Pilot Plant</i>
FY	fiscal year
GENIUS	Germanium in Liquid Nitrogen Underground System
HEPA	high-efficiency particulate air
IDLH	immediately dangerous to life and health
INPAC	Institute for Nuclear and Particle Astrophysics and Cosmology
LANL	Los Alamos National Laboratory
MACHO	MAssive Compact Halo Object
MSDS	Material Safety Data Sheet
MSHA	Mine Safety and Health Administration
NEPA	National Environmental Policy Act
NRHP	National Register of Historic Places
OMNIS	Observatory for Multi-flavor Neutrino Interactions from Supernovae
OSHA	Occupational Safety and Health Administration
PM ₁₀	particulate matter less than 10 microns
PNNL	Pacific Northwest National Laboratory
RH-TRU	remote-handled transuranic
ROD	record of decision
ROI	region of influence
SEIS-I	<i>Final Supplement Environmental Impact Statement for the Waste Isolation Pilot Plant</i>
SEIS-II	<i>Waste Isolation Pilot Plant Disposal Phase Final Supplemental Environmental Impact Statement</i>
TEEL	Temporary Emergency Exposure Level
TRU	transuranic
UNO	Ultimate underground Nucleon decay and neutrino Observatory
VOC	volatile organic compound
WIMP	Weakly Interactive Massive Particle
WIPP	Waste Isolation Pilot Plant
wt%	weight percent