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Health and Safety Plan for the Waste Area Group 7 Routine Monitoring

November 2001

Idaho National Engineering and Environmental Laboratory
Bechtel BWXT Idaho, LLC

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Environmental Restoration Program
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ABSTRACT

This health and safety plan (HASP) establishes the requirements and controls that will be used to eliminate or minimize health and safety hazards associated with personnel conducting routine monitoring activities at Waste Area Group 7 locations inside and outside the fence line of the Radioactive Waste Management Complex (RWMC).

This HASP has been prepared to meet the requirements of the Occupational Safety and Health Administration standard "Hazardous Waste Operations and Emergency Response" (29 CFR 1910.120). This HASP contains the safety and health hazards assessment for conducting all routine monitoring activities and lists controls and mitigative actions to be taken to eliminate or mitigate these hazards.

The intent of this document is to identify known hazards based on previously conducted routine monitoring tasks and to provide a plan for mitigating them. Waste Area Group 7 safety and health professionals supporting these tasks in conjunction with the sampling field team leader conducting these activities must determine the most appropriate hazard control and mitigation measures based on site-specific conditions and should make changes to this document as appropriate.

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ACRONYMS

ACGIH	American Conference of Governmental Industrial Hygienists
ALARA	as low as reasonably achievable
ANSI	American National Standards Institute
ARDC	Administrative Record and Document Control
BBWI	Bechtel BWXT Idaho, LLC
CERCLA	Comprehensive Environmental, Response, Compensation and Liability Act
CFA	Central Facilities Area
CNS	central nervous system
CP	command post
CPR	cardiopulmonary resuscitation
CWA	controlled work area
dBA	decibel A-weighted
DOE	U.S. Department of Energy
DOE-ID	U.S. Department of Energy Idaho Operations Office
DWA	designated work area
EC	emergency coordinator
EPA	U.S. Environmental Protection Agency
ER	environmental restoration
ERO	emergency response organization
FID	flame ionization detector
FTL	field team leader
GI	gastrointestinal
HASP	health and safety plan
HAZMAT	hazardous material
HAZWOPER	hazardous waste operations and emergency response

HSO	health and safety officer
IARC	International Agency for Research on Cancer
IH	industrial hygienist
INEEL	Idaho National Engineering and Environmental Laboratory
ISMS	integrated safety management system
JSA	job-safety analysis
LTS	long-term stewardship
MCP	management control procedure
MSDS	material safety data sheet
NFM	nuclear facility manager
NIOSH	National Institute of Occupational Safety and Health
NOC	not otherwise classified
NRR	noise reduction rating
NTP	National Toxicology Program
OMP	occupational medical program
OSHA	Occupational Safety and Health Administration
OU	operable unit
PDD	program description document
PE	project engineer
PEL	permissible exposure limit
PID	photoionization detector
PLN	plan
PM	project manager
POC	point of contact
POD	plan of the day
PPE	personal protective equipment

PRD	program requirements directive
RADCON	radiation control
RCRA	Resource Conservation and Recovery Act
RCT	radiological control technician
RWMC	Radioactive Waste Management Complex
SAD	site area director
SDA	Subsurface Disposal Area
SH&QA	safety, health, and quality assurance
STEL	short-term exposure limit
SWP	safe work permit
TLV	threshold-limit value
TPR	technical procedure
TRU	transuranic
TSA	Transuranic Storage Area
TWA	time-weighted average
VOC	volatile organic compound
VPP	voluntary protection program
WAG	waste area group
WBGT	wet bulb globe temperature
WCC	Warning Communications Center