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Revision 1

Waste Area Group 5 Remedial Design/Remedial Action Work Plan, Phase I

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ABSTRACT

The Waste Area Group 5 Remedial Design/Remedial Action has been divided into two phases in an effort to accelerate the schedule for activities taking place at sites described herein. The remedial action is being performed in accordance with the *Final Record of Decision for Power Burst Facility and Auxiliary Reactor Area*. This Work Plan describes the activities that will occur during Phase I of the Remedial Design/Remedial Action. Specifically, Phase I includes the remediation of the Auxiliary Reactor Area (ARA)-02 Sanitary Waste System and the ARA-16 Radionuclide Tank. In addition, four inactive waste system sites (ARA-07, ARA-08, ARA-13, and ARA-21) will either be removed or abandoned in place. Finally, depending on the conditions encountered in the field during the remediation of ARA-16, the ARA-25 contaminated soil site may also be remediated as part of the Phase I activities.

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ACRONYMS

ARA	Auxiliary Reactor Area
ARAR	applicable or relevant and appropriate requirement
ATG	Allied Technology Group, Inc.
BBWI	Bechtel BWXT Idaho, LLC
bgs	below ground surface
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFA	Central Facilities Area
CFR	Code of Federal Regulations
COC	contaminant of concern
CSA	CERCLA Storage Area
CWSU	CERCLA Waste Storage Unit
D&D	decontamination and dismantlement
DOE	U.S. Department of Energy
DOE-ID	U.S. Department of Energy Idaho Operations
EPA	U.S. Environmental Protection Agency
FFA/CO	Federal Facility Agreement and Consent Order
FSP	Field Sampling Plan
HASP	Health and Safety Plan
ICDF	INEEL CERCLA Disposal Facility
IDAPA	Idaho Administrative Procedures Act
IDEQ	Idaho Department of Environmental Quality
IH	industrial hygienist
INEEL	Idaho National Engineering and Environmental Laboratory
LDR	land disposal restriction
MCP	management control procedure
NESHAP	National Emission Standards for Hazardous Air Pollutants

OU	operable unit
PBF	Power Burst Facility
PCB	polychlorinated biphenyl
PLN	plan
PPE	personal protective equipment
QA/QC	quality assurance/quality control
QAPjP	quality assurance project plan
RadCon	radiological control
RAO	remedial action objective
RCRA	Resource Conservation and Recovery Act
RCT	radiological control technician
RD/RA	remedial design/remedial action
RI/FS	remedial investigation/feasibility study
ROD	record of decision
RRWAC	reusable property, recyclable materials, and waste acceptance criteria
RWMC	Radioactive Waste Management Complex
SOP	standard operating procedure
SPERT	Special Power Excursion Reactor Test
TBC	to-be-considered
TPR	technical procedure
TSCA	Toxic Substances Control Act
TSDF	treatment, storage, and disposal facility
USC	United States Code
WAG	waste area group
WERF	Waste Experimental Reduction Facility
WGS	Waste Generator Services