

A presentation to the SRS Citizen's Advisory Board Facilities Disposition and Site Remediation Committee

FY 2009 Appendix E Area Completion Plan

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April 21, 2009 ACP-FY09-043-1 AMERICAN RECOVERY AND REINVESTMENT ACT



Acronyms

ACP	Area Completion Projects
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability
	Information System
DOE	Department of Energy
ECODS	Early Construction and Operational Disposal Sites
EPA	Environmental Protection Agency Region 4
FFA	Federal Facility Agreement
FY	Fiscal Year
NA	Not Applicable
NBN	No Building Number
OU	Operable Unit
RA	Remedial Action
RCRA/CERCLA	Resource Conservation and Recovery Act / Comprehensive Environmental
	Response, Compensation, and Liability Act
ROD	Record of Decision
SCDHEC	South Carolina Department of Health and Environmental Control
SRS	Savannah River Site

FFA Appendix E

- Provides a lifecycle list of cleanup milestones for SRS waste units
 - Made up of Appendices E.1, E.2, and E.3
 - Appendices E.1 and E.2 contain enforceable milestones
 - Appendix E.1 milestones are for the next fiscal year; E.2 milestones are for FY+2
 - Appendix E.3 contains planning milestones for FY+3 and beyond
- DOE updates Appendix E annually and submits to SCDHEC and EPA in November for approval
- Annual update starts with current approved milestones, with adjustments to reflect:
 - Site mission schedules and ACP implementation schedules
 - Regulator approved schedule changes

FY 2009 Appendix E and Recovery Act

- DOE, EPA, and SCDHEC have agreed that Appendix E will show the "baseline" commitments
- Recovery Act will accelerate their completion
- No changes to this Appendix E will result from the Recovery Act
- As of April 8, 2009, all work to accomplish the FFA milestones, with the exception of the Liquid Waste Tanks, will be funded from the Recovery Act through September 30, 2011



FFA Appendix E Schedule



FY 2009 FFA Appendix E - Major Changes

- Levelized project execution work in order to even out resource needs
 - Adjusted milestones for C Area OU, A Area OU, F Area OU, and ECODs B-3 and B-5
- Deleted entries from Appendix E.3 where Field Starts, Records of Decisions, and Remedial Action Starts were completed
- Added milestones for the submittal of Appendix H, "RCRA Regulated Units"
- Added milestones for the C-, K-, L-, and R-Reactor Complexes Early Action



SRS Closure Plan

Watershed		FY09	FY10		FY12	FY13	FY14	FY15	FY16	FY17		FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31
Savannah River	D Area		1	Ā	W	1					No.													
Floodplain	D Area Groundwater								+		A	V			V									
Swamp	Savannah River IOU																	V			<u>AM</u>			
	H Canyon Operations																							
	F Tank Farm Operations																							
Site Missions	H Tank Farm Operations			+			†		1							1			1					
MISSIOIIS	HLW Tank				-	\diamond									\sim									
	Salt Waste Processing Operations						+		+															
								1			-													
	C Area						1	1	1				N N											
	C Area Groundwater								ļ				A				V							
	N Area																		A	V			V	
	Central Shops Groundwater																		V	-		À	V	
Fourmile	F Area															V				V				
Branch	F Tank Farm																V		V	V			V	
	H Area																		VV				M	
	Consolidated Incineration Facility Interim Action					∇	V		±															
	H Tank Farm																			A	V			
	Fourmile Branch IOU																Г		1					
	R Area (includes R Area Groundwater)			VV													_	1						_
Lower Three Runs	Lower Three Runs IOU							1					AM											
Site						Ľ⊻		1	1				VV	<u>v</u>										
Missions	K-Area Operations			-	-	-	-	-	-	-	-													
	K Area								ļ									AA	1		+			
Pen Branch	K Area Groundwater																				*	A	V	
	Pen Branch IOU																							
Site Missions	L-Area Operations												1											
	P Area	宜	The AM	/	-		- Str	V																
	P Area Groundwater							-	t	A	V													
	L Area			1																VV				V
Steel Creek	L Area Southern Groundwater		V	+					+											1				
	L Area Northern Groundwater			-			V	NZ			V													
	Steel Creek IOU			V							¥						V							V
				V													V					V		
	M Area		-	<u>v</u>																				
Upper Three Runs	A Area													AA				- V						
Runs	E Area Slit Trenches	Slit Trenches 1		4		<u>'</u>																		
	Upper Three Runs IOU														V			-	1	-		V		
		FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31
	<u>Legend</u>		Other Sit	pendix E l te Mission	IS						_	Field Start		Issue ROD		RA Start	·	Rev. 0 PCR	Submit					
				uration U	nknown ded Projec	ts					•	HLW Tank E	ulk Removal			Operational					e Assessmen			
ACP-FY-	09-041-7										\$	Reactor Ear	ly Action Issu	e ROD	Ar	Reactor Earl	y Action Re	medial Action	Start	Reactor Ear	ly Action PCR	Submit		

Revision.1 Appendix E: Fiscal Year 2009 Long-Term Projections E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2010

Deliverable or Milestone:		Milestone/ Submittal Dat (MM/DD/YYYY
Revision.0 Appendix C, RCRA/CERCLA Unit List, App Facilities for Fiscal Year 2010 Submittal	endix G, Site Evaluation Areas, and Appendix K, D&D	10/01/2009
SRS Unit Index Number(s): NA	CERCLIS OU Number(s): NA	
Revision.0 Appendix H, RCRA Regulated Units for Fisca	al Year 2010 Submittal	10/01/2009
SRS Unit Index Number(s): NA	CERCLIS OU Number(s): NA	
Building 420-D, Concentrator Building, Revision.0 States Support of the D Area Operable Unit	ment of Basis/Proposed Plan (SB/PP) Submittal in	10/19/2009
SRS Unit Index Number(s): 1214	CERCLIS OU Number(s): 63	
Building 420-2D, Rework Handling Facility, Revision.0 Support of the D Area Operable Unit	Statement of Basis/Proposed Plan (SB/PP) Submittal in	10/19/2009
SRS Unit Index Number(s): 1212	CERCLIS OU Number(s): 63	
Building 421-2D, Moderator Handling and Storage, Revi Submittal in Support of the D Area Operable Unit	sion.0 Statement of Basis/Proposed Plan (SB/PP)	10/19/2009
SRS Unit Index Number(s): 1215	CERCLIS OU Number(s): 63	
Building 421-D, Finishing Building, Revision.0 Statemer of the D Area Operable Unit	nt of Basis/Proposed Plan (SB/PP) Submittal in Support	10/19/2009
SRS Unit Index Number(s): 1218	CERCLIS OU Number(s): 63	
Building 772-D, Control Laboratory and Supervisor's Off (SB/PP) Submittal in Support of the D Area Operable Un		10/19/2009
SRS Unit Index Number(s): 1250	CERCLIS OU Number(s): 63	
D-006 Petroleum Release Site Revision.0 Statement of B D Area Operable Unit	asis/Proposed Plan (SB/PP) Submittal in Support of the	10/19/2009
SRS Unit Index Number(s): 570	CERCLIS OU Number(s): 63	
D-Area Coal Pile Runoff Basin (489-D) Revision.0 States Support of the D Area Operable Unit	ment of Basis/Proposed Plan (SB/PP) Submittal in	10/19/2009
SRS Unit Index Number(s): 69	CERCLIS OU Number(s): 63	
D-Area Process Sewer Lines as Abandoned (NBN) Revis Submittal in Support of the D Area Operable Unit	ion.0 Statement of Basis/Proposed Plan (SB/PP)	10/19/2009
SRS Unit Index Number(s): 558	CERCLIS OU Number(s): 63	
D-Area Waste Oil Facility (484-10D) Revision.0 Stateme of the D Area Operable Unit	ent of Basis/Proposed Plan (SB/PP) Submittal in Support	10/19/2009
SRS Unit Index Number(s): 70	CERCLIS OU Number(s): 63	
D-Area Asbestos Pit (080-20G) Revision.0 Statement of D Area Operable Unit	Basis/Proposed Plan (SB/PP) Submittal in Support of the	10/19/2009
SRS Unit Index Number(s): 211	CERCLIS OU Number(s): 63	
SRS Unit Index Number is a unique identifier assigned to This number is used by SRS for tracking and is not meant		
CERCLIS: The EPA's Comprehensive Environmental Re Information System	sponse, Compensation, and Liability	

Appendix E.1 (excerpt)

Revision.1 Appendix E: Fiscal Year 2009 Long-Term Projections E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2011

Deliverable or Miles	tone:		Milestone/ Submittal Dat (MM/DD/YYYY
Revision.0 Appendix C, RCRA Facilities for Fiscal Year 2011		pendix G, Site Evaluation Areas, and Appendix K, D&D	10/01/2010
SRS Unit Index Number(s):	NA	CERCLIS OU Number(s): NA	
Revision.0 Appendix H, RCR	A Regulated Units Facilite	es for Fiscal Year 2011 Submittal	10/01/2010
SRS Unit Index Number(s):	NA	CERCLIS OU Number(s): NA	
Combined Spills North of Bu Operable Unit	uilding 105-R (NBN) Issu	ue Record of Decision (ROD) in support of the R Area	10/26/2010
SRS Unit Index Number(s):	517	CERCLIS OU Number(s): 95	
Potential Release from R-Ar R Area Operable Unit	ea Disassembly Basin (N	BN) Issue Record of Decision (ROD) in support of the	10/26/2010
SRS Unit Index Number(s):	330	CERCLIS OU Number(s): 95	
Potential Release of NaOH/H Area Operable Unit	I ₂ SO ₄ from 183-2R (NBN	N) Issue Record of Decision (ROD) in support of the R	10/26/2010
SRS Unit Index Number(s):	324	CERCLIS OU Number(s): 95	
R-Area Process Sewer Lines Operable Unit	as Abandoned (NBN) Is	ssue Record of Decision (ROD) in support of the R Area	10/26/2010
SRS Unit Index Number(s):	556	CERCLIS OU Number(s): 95	
R-Area Reactor Area Cask G support of the R Area Opera		Abandoned (NBN) Issue Record of Decision (ROD) in	10/26/2010
SRS Unit Index Number(s):	478	CERCLIS OU Number(s): 95	
		wn Area North of 105-R (NBN), and Release from the sin (NBN) Issue Record of Decision (ROD) in support of	10/26/2010
SRS Unit Index Number(s):	231 233 513	CERCLIS OU Number(s): 95	
Cooling Water Effluent Sum Unit	p (107-R) Issue Record	of Decision (ROD) in support of the R Area Operable	10/26/2010
SRS Unit Index Number(s):	271	CERCLIS OU Number(s): 95	
Building 109-R, Purge Wate Operable Unit	r Storage Basin Issue Re	ecord of Decision (ROD) in Support of the R Area	10/26/2010
SRS Unit Index Number(s):	1924	CERCLIS OU Number(s): 95	
Building 122-R, Process Stor Unit	age Building Issue Reco	ord of Decision (ROD) in support of the R Area Operable	10/26/2010
SRS Unit Index Number(s):	1925	CERCLIS OU Number(s): 95	
Building 105-R, Reactor Bui SRS Unit Index Number(s):	-	ecision (ROD) in support of the R Area Operable Unit CERCLIS OU Number(s): 95	10/26/2010
This number is used by SRS	for tracking and is not m	d to each individual RCRA/CERCLA Unit. eant to imply a ranking or priority. I Response, Compensation, and Liability	

E.2 - 1

Print Date: 01/26/2009

Appendix E.2

(excerpt)

SLM:E2_R1_2009.fp3

E.3: Field Start, ROD Issuance and RA Start Dates (includ Sorted in order of Watershed, Category, and U			
Watershed Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) Area Operable Unit or Integrator Operable Unit Name Unit Name	Site Evaluation Report Submittal Date or	ROD	RA S
	Field Start	Issuance	Tank I
Fourmile Branch Watershed			
High Level Radioactive Waste Tanks			
Consider D. H. Wester Descent J. P. Contra for Trans (A) Taulor			
Complete Bulk Waste Removal Efforts for Two (2) Tanks SRS Index Number(s): NA			SEP 2
CERCLIS OU Number(s): NA			
Complete Bulk Waste Removal Efforts for Two (2) Tanks			SEP 2
SRS Index Number(s): NA CERCLIS OU Number(s): NA			
Complete Bulk Waste Removal Efforts for Three (3) Tanks			SEP 2
SRS Index Number(s): NA CERCLIS OU Number(s): NA			
Complete Bulk Waste Removal Efforts for Six (6) Tanks			SEP 2
SRS Index Number(s): NA CERCLIS OU Number(s): NA			
Complete Bulk Waste Removal Efforts for One (1) Tank			SEP 2
SRS Index Number(s): NA CERCLIS OU Number(s): NA			
Complete Operational Closure of Tanks 19 and 18			DEC 2
SRS Index Number(s): NA CERCLIS OU Number(s): NA			
Complete Operational Closure of Four (4) Tanks			SEP 2
SRS Index Number(s): NA CERCLIS OU Number(s): NA			
Complete Operational Closure of Two (2) Tanks			SEP 2
SRS Index Number(s): NA CERCLIS OU Number(s): NA			
Complete Operational Closure of Two (2) Tanks			SEP 2
SRS Index Number(s): NA CERCLIS OU Number(s): NA			
Complete Operational Closure of Five (5) Tanks			SEP 2
SRS Index Number(s): NA CERCLIS OU Number(s): NA			
Footnotes and Explanatory Notes appear on last page of E.3 E.3 - 1	a	rint Date: 01/2	(2000

Appendix E.3 (excerpt)



Summary

THE FY 2009 FFA APPENDIX E IS AVAILABLE ONLINE AT:

http://www.srs.gov/general/programs/soil/ffa/ffa.html

- Accesses the Savannah River Site Area Completion Projects Federal Facility Agreement and supporting documentation pages
- Click on Federal Facility Agreement for the pdf version of the document

http://www.srs.gov/general/programs/soil/ffa/ffa.pdf

- Accesses the pdf version of the Federal Facility Agreement

THE RECOVERY ACT INFORMATION IS AVAILABLE ONLINE AT:

www.recovery.srs.gov



