

FY 2008 Appendix E Area Completion Plan

**A Presentation to the
SRS Citizens Advisory Board
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Acronyms

CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CMI/RAIP	Corrective Measures Implementation / Remedial Action Implementation Plan
D&D	Deactivation and Decommissioning
DOE	Department of Energy
EPA	Environmental Protection Agency Region 4
FFA	Federal Facility Agreement
FY	Fiscal Year
HLW	High Level Waste
IOU	Integrator Operable Unit
LUCIP	Land Use Control Implementation Plan
NA	Not Applicable
NBN	No Building Number
OU	Operable Unit
PCR	Post Construction Report
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 Area Completion project schedules
 - Regulator approved schedule changes



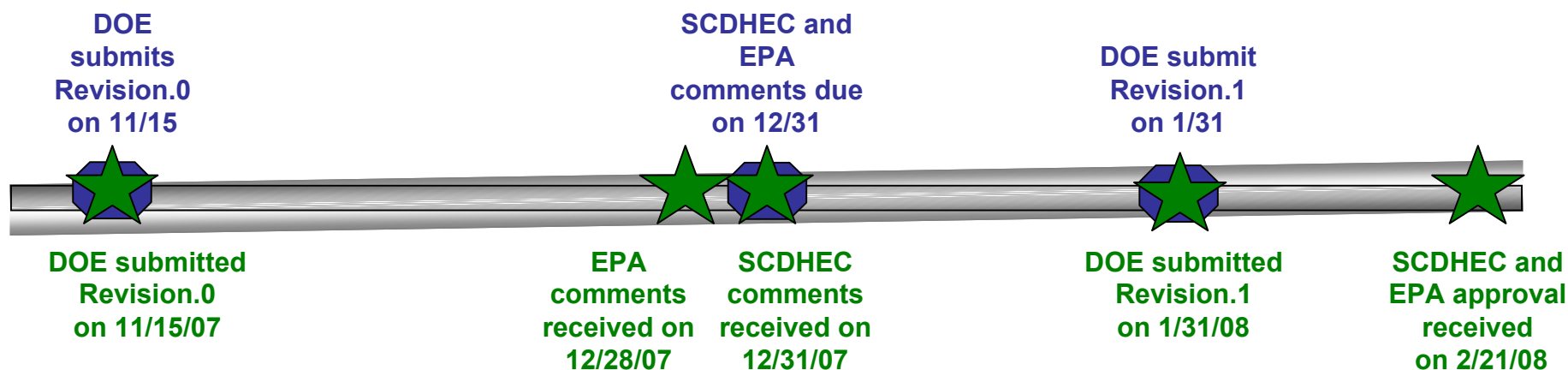
FFA Appendix E Schedule



Typical Appendix E
dates (per FFA)



Actual FY 2008
Appendix E dates



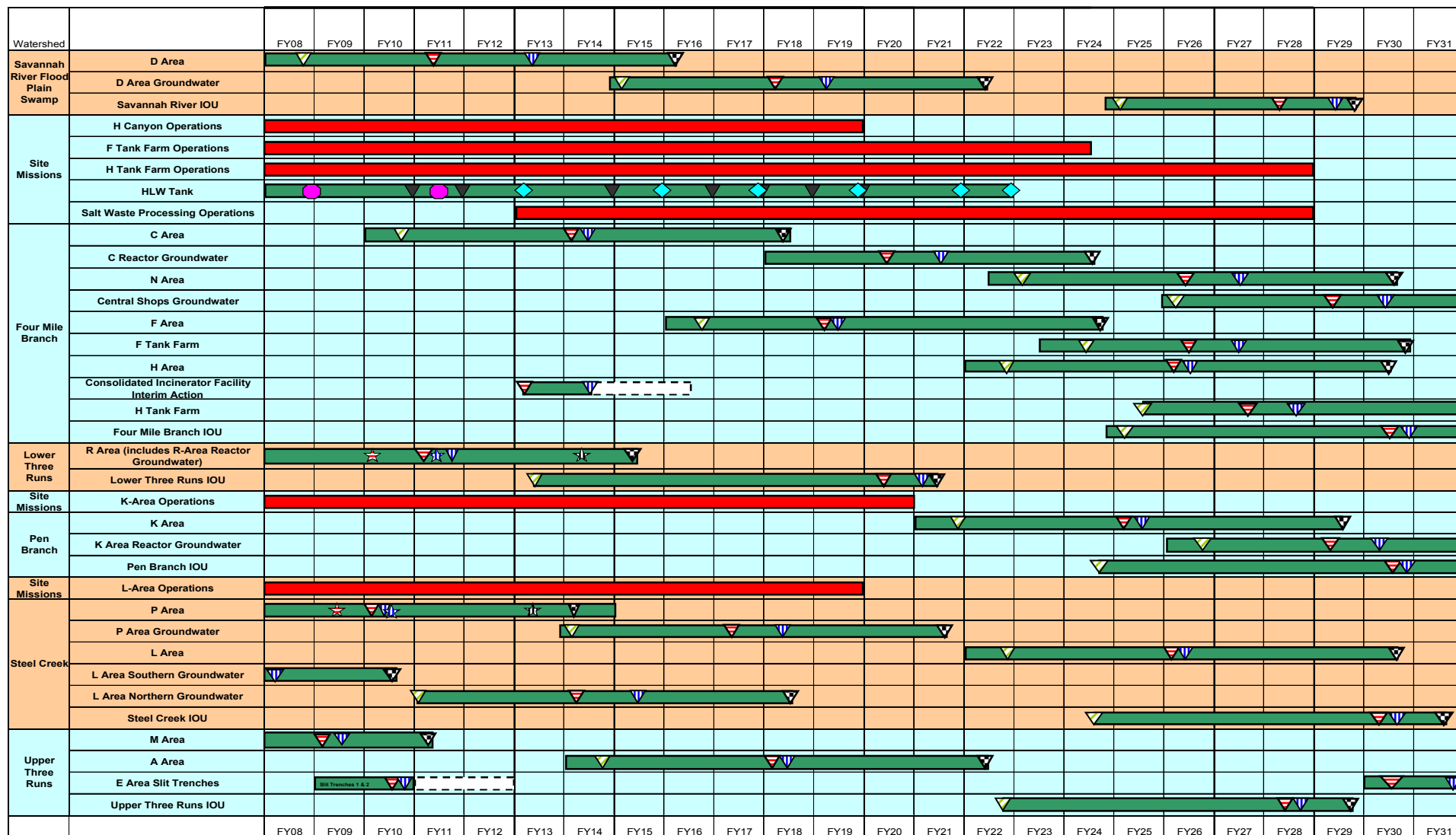
FY 2008 FFA Appendix E

Major Changes

- **Extended Area Completion activities through 2031 (previously 2025) to:**
 - Align with SRS mission schedules
 - Ensure logical execution of Area Completion
- **Levelized project execution work in order to even out resource needs.**
- **Added closure dates for E-Area Low Level Waste Facility slit trenches.**
- **Added High Level Radioactive Waste Tanks bulk waste removal, operational closure, and Tank Farm Performance Assessments dates.**
 - Consistent with DOE, EPA, and SCDHEC agreement resolving Tank 18 and 19 dispute on closure dates



Area Completion Plan



Legend



FY08 Appendix E Rev. 1 (2031)



Other Site Missions



Field Start



Issue ROD



RA Start



Rev. 0 PCR Submit



HLW Tank Bulk Removal



Operational Closure of Tanks



Performance Assessment



Reactor Early Action Issue ROD



Reactor Early Action Field Start



Reactor Early Action PCR Submit

Appendix E.1 (excerpt)

Revision.1 Appendix E: Fiscal Year 2008 Long-Term Projections E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2009

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Revision.0 Appendix C, RCRA/CERCLA Unit List for Fiscal Year 2009 Submittal SRS Unit Index Number(s): NA CERCLIS OU Number(s): NA	10/01/2008
C-Area Burning/Rubble Pit (131-C) and Old C-Area Burning/Rubble Pit (NBN) Revision.0 Corrective Measures Implementation/Remedial Action Implementation Plan (CMI/RAIP) Submittal SRS Unit Index Number(s): 51 566 CERCLIS OU Number(s): 31	10/23/2008
C-Area Burning/Rubble Pit (131-C) and Old C-Area Burning/Rubble Pit (NBN) Revision.0 Land Use Control Implementation Plan (LUCIP) Submittal SRS Unit Index Number(s): 51 566 CERCLIS OU Number(s): 31	10/23/2008
Revision.0 Appendix E for Fiscal Year 2009 (Commitments for Fiscal Years 2010 & 2011 and Projected ROD Issuance Dates for Fiscal Year 2012+) Submittal SRS Unit Index Number(s): NA CERCLIS OU Number(s): NA	11/15/2008
R-Area Reactor Seepage Basins (904-57G, -58G, -59G, -60G, -103G, -104G) and 108-4R Overflow Basin (108-4R) Revision.0 Post Construction Report (PCR) Submittal SRS Unit Index Number(s): 121 122 123 124 119 120 CERCLIS OU Number(s): 25	11/21/2008
Administrative Record File Indices Annual Update for Fiscal Year 2008 Submittal SRS Unit Index Number(s): NA CERCLIS OU Number(s): NA	12/01/2008
FFA Annual Progress Report for Fiscal Year 2008 Submittal (Including annual certification of Institutional Control Units) SRS Unit Index Number(s): NA CERCLIS OU Number(s): NA	12/01/2008
Fourmile Branch Branch Integrator Operable Unit (Including the Un-Named Tributary of Fourmile Branch South of C Area) Third Phase II Field Start SRS Unit Index Number(s): 504 511 CERCLIS OU Number(s): 84	12/01/2008

SRS Unit Index Number is a unique identifier assigned to each individual RCRA/CERCLA Unit. This number is used by SRS for tracking and is not meant to imply a ranking or priority.

CERCLIS: The EPA's Comprehensive Environmental Response, Compensation, and Liability Information System

Appendix E.2 (excerpt)

Revision.1 Appendix E: Fiscal Year 2008 Long-Term Projections E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2010

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Revision.0 Appendix C, RCRA/CERCLA Unit List for Fiscal Year 2010 Submittal SRS Unit Index Number(s): NA CERCLIS OU Number(s): NA	10/01/2009
P-Area Ash Basin, 188-P Issue ROD in Support of the P Area Operable Unit SRS Unit Index Number(s): 313 CERCLIS OU Number(s): 94	10/31/2009
P-Area Process Sewer Lines as Abandoned, NBN and Spill on 3/15/79 of 5500 Gallons of Contaminated Water Issue ROD in Support of the P Area Operable Unit SRS Unit Index Number(s): 557 126 CERCLIS OU Number(s): 94	10/31/2009
P-Area Reactor Cask Car Railroad Tracks as Abandoned, NBN Issue ROD in Support of the P Area Operable Unit SRS Unit Index Number(s): 477 CERCLIS OU Number(s): 94	10/31/2009
Potential Release from P-Area Disassembly Basin, 105-P Issue ROD in Support of the P Area Operable Unit SRS Unit Index Number(s): 314 CERCLIS OU Number(s): 94	10/31/2009
Potential Release from P-Area Reactor Cooling Water System, 186/190-P Issue ROD in Support of the P Area Operable Unit SRS Unit Index Number(s): 316 CERCLIS OU Number(s): 94	10/31/2009
Building 183-4P, Clarification Plant (Misc. Services), Issue ROD in Support of the P Area Operable Unit SRS Unit Index Number(s): 1910 CERCLIS OU Number(s): 94	10/31/2009

SRS Unit Index Number is a unique identifier assigned to each individual RCRA/CERCLA Unit. This number is used by SRS for tracking and is not meant to imply a ranking or priority.

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Appendix E.3 (excerpt)

Revision.1 Appendix E: Fiscal Year 2008 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2011+)
Sorted in order of Watershed, Category, and Unit Name

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 Field Start	ROD Issuance	RA Start or Tank Dates
Fourmile Branch Watershed			
High Level Radioactive Waste Tanks			
Complete Bulk Waste Removal Efforts for One (1) Tank SRS Index Number(s): NA CERCLIS OU Number(s): NA			SEP 2011
Complete Bulk Waste Removal Efforts for Two (2) Tanks SRS Index Number(s): NA CERCLIS OU Number(s): NA			SEP 2014
Complete Bulk Waste Removal Efforts for Two (2) Tanks SRS Index Number(s): NA CERCLIS OU Number(s): NA			SEP 2016
Complete Bulk Waste Removal Efforts for Three (3) Tanks SRS Index Number(s): NA CERCLIS OU Number(s): NA			SEP 2017
Complete Bulk Waste Removal Efforts for Six (6) Tanks SRS Index Number(s): NA CERCLIS OU Number(s): NA			SEP 2018
Complete Bulk Waste Removal Efforts for One (1) Tank SRS Index Number(s): NA CERCLIS OU Number(s): NA			SEP 2019
Complete Operational Closure of Tanks 19 and 18 SRS Index Number(s): NA CERCLIS OU Number(s): NA			DEC 2012
Complete Operational Closure of Four (4) Tanks SRS Index Number(s): NA CERCLIS OU Number(s): NA			SEP 2015
Complete Operational Closure of Two (2) Tanks SRS Index Number(s): NA CERCLIS OU Number(s): NA			SEP 2017
Complete Operational Closure of Two (2) Tanks SRS Index Number(s): NA CERCLIS OU Number(s): NA			SEP 2019
Complete Operational Closure of Five (5) Tanks SRS Index Number(s): NA CERCLIS OU Number(s): NA			SEP 2021
Complete Operational Closure of Seven (7) Tanks SRS Index Number(s): NA CERCLIS OU Number(s): NA			SEP 2022
H Area Tank Farm Revision.0 Performance Assessment Submittal SRS Index Number(s): NA CERCLIS OU Number(s): NA			MAR 2011

Summary

- The FY 2008 FFA Appendix E is available online at:

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

Accesses the Savannah River Site Soil and Groundwater Closure Projects Federal Facility Agreement and Supporting Documentation page –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



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Questions and Answers

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