



U.S. DEPARTMENT OF  
**ENERGY**

Savannah River Site

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

# **FY 2009 Appendix E Area Completion Plan**

**Presentation By**

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# Acronyms

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





## 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**





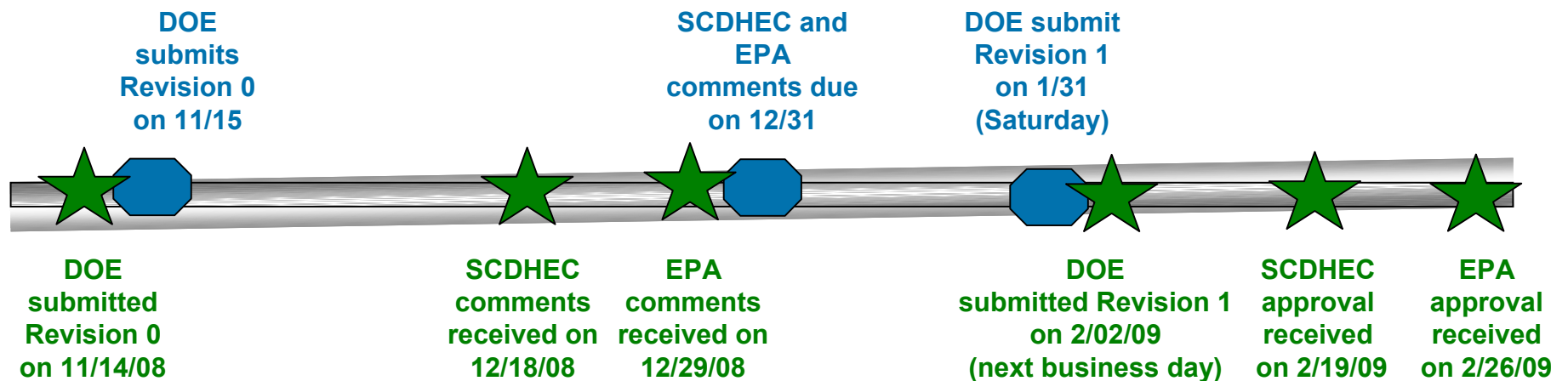
# FFA Appendix E Schedule



Typical Appendix E  
dates (per FFA)



Actual FY 2009  
Appendix E dates





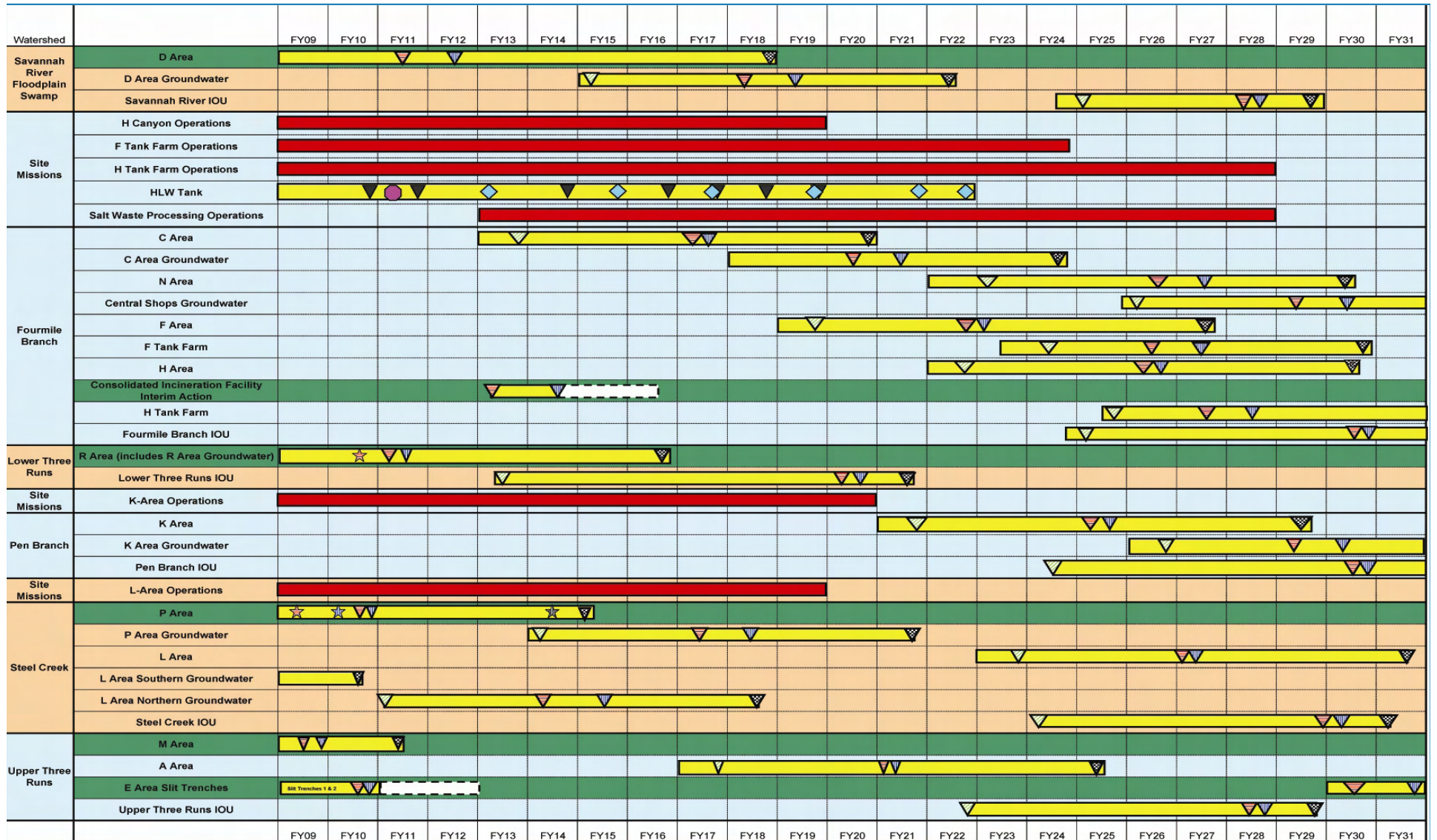
## FY 2009 FFA Appendix E - Major Changes

- **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



## Legend

- FY09 Appendix E Rev. 1
- Other Site Missions
- Actual Duration Unknown
- Recovery Act Funded Projects

- 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 Remedial Action Start
- Reactor Early Action PCR Submit

# Appendix E.1 (excerpt)

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

<b>Deliverable or Milestone:</b>	<b>Milestone/ Submittal Date (MM/DD/YYYY)</b>
Revision.0 Appendix C, RCRA/CERCLA Unit List, Appendix G, Site Evaluation Areas, and Appendix K, D&D Facilities for Fiscal Year 2010 Submittal	10/01/2009
SRS Unit Index Number(s): NA CERCLIS OU Number(s): NA	
Revision.0 Appendix H, RCRA Regulated Units for Fiscal Year 2010 Submittal	10/01/2009
SRS Unit Index Number(s): NA CERCLIS OU Number(s): NA	
Building 420-D, Concentrator Building, Revision.0 Statement of Basis/Proposed Plan (SB/PP) Submittal in Support of the D Area Operable Unit	10/19/2009
SRS Unit Index Number(s): 1214 CERCLIS OU Number(s): 63	
Building 420-2D, Rework Handling Facility, Revision.0 Statement of Basis/Proposed Plan (SB/PP) Submittal in Support of the D Area Operable Unit	10/19/2009
SRS Unit Index Number(s): 1212 CERCLIS OU Number(s): 63	
Building 421-2D, Moderator Handling and Storage, Revision.0 Statement of Basis/Proposed Plan (SB/PP) Submittal in Support of the D Area Operable Unit	10/19/2009
SRS Unit Index Number(s): 1215 CERCLIS OU Number(s): 63	
Building 421-D, Finishing Building, Revision.0 Statement of Basis/Proposed Plan (SB/PP) Submittal in Support of the D Area Operable Unit	10/19/2009
SRS Unit Index Number(s): 1218 CERCLIS OU Number(s): 63	
Building 772-D, Control Laboratory and Supervisor's Office, Revision.0 Statement of Basis/Proposed Plan (SB/PP) Submittal in Support of the D Area Operable Unit	10/19/2009
SRS Unit Index Number(s): 1250 CERCLIS OU Number(s): 63	
D-006 Petroleum Release Site Revision.0 Statement of Basis/Proposed Plan (SB/PP) Submittal in Support of the D Area Operable Unit	10/19/2009
SRS Unit Index Number(s): 570 CERCLIS OU Number(s): 63	
D-Area Coal Pile Runoff Basin (489-D) Revision.0 Statement of Basis/Proposed Plan (SB/PP) Submittal in Support of the D Area Operable Unit	10/19/2009
SRS Unit Index Number(s): 69 CERCLIS OU Number(s): 63	
D-Area Process Sewer Lines as Abandoned (NBN) Revision.0 Statement of Basis/Proposed Plan (SB/PP) Submittal in Support of the D Area Operable Unit	10/19/2009
SRS Unit Index Number(s): 558 CERCLIS OU Number(s): 63	
D-Area Waste Oil Facility (484-10D) Revision.0 Statement of Basis/Proposed Plan (SB/PP) Submittal in Support of the D Area Operable Unit	10/19/2009
SRS Unit Index Number(s): 70 CERCLIS OU Number(s): 63	
D-Area Asbestos Pit (080-20G) Revision.0 Statement of Basis/Proposed Plan (SB/PP) Submittal in Support of the D Area Operable Unit	10/19/2009
SRS Unit Index Number(s): 211 CERCLIS OU Number(s): 63	

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 2009 Long-Term Projections E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2011

<b>Deliverable or Milestone:</b>	<b>Milestone/ Submittal Date (MM/DD/YYYY)</b>
Revision.0 Appendix C, RCRA/CERCLA Unit List, Appendix G, Site Evaluation Areas, and Appendix K, D&D Facilities for Fiscal Year 2011 Submittal	10/01/2010
SRS Unit Index Number(s): NA CERCLIS OU Number(s): NA	
Revision.0 Appendix H, RCRA Regulated Units Facilities for Fiscal Year 2011 Submittal	10/01/2010
SRS Unit Index Number(s): NA CERCLIS OU Number(s): NA	
<b>Combined Spills North of Building 105-R (NBN) Issue Record of Decision (ROD) in support of the R Area Operable Unit</b>	10/26/2010
SRS Unit Index Number(s): 517 CERCLIS OU Number(s): 95	
<b>Potential Release from R-Area Disassembly Basin (NBN) Issue Record of Decision (ROD) in support of the R Area Operable Unit</b>	10/26/2010
SRS Unit Index Number(s): 330 CERCLIS OU Number(s): 95	
<b>Potential Release of NaOH/H<sub>2</sub>SO<sub>4</sub> from 183-2R (NBN) Issue Record of Decision (ROD) in support of the R Area Operable Unit</b>	10/26/2010
SRS Unit Index Number(s): 324 CERCLIS OU Number(s): 95	
<b>R-Area Process Sewer Lines as Abandoned (NBN) Issue Record of Decision (ROD) in support of the R Area Operable Unit</b>	10/26/2010
SRS Unit Index Number(s): 556 CERCLIS OU Number(s): 95	
<b>R-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN) Issue Record of Decision (ROD) in support of the R Area Operable Unit</b>	10/26/2010
SRS Unit Index Number(s): 478 CERCLIS OU Number(s): 95	
<b>Area on North Side of Building 105-R (NBN), Laydown Area North of 105-R (NBN), and Release from the Decontamination of R-Area Reactor Disassembly Basin (NBN) Issue Record of Decision (ROD) in support of the R Area Operable Unit</b>	10/26/2010
SRS Unit Index Number(s): 231 233 513 CERCLIS OU Number(s): 95	
<b>Cooling Water Effluent Sump (107-R) Issue Record of Decision (ROD) in support of the R Area Operable Unit</b>	10/26/2010
SRS Unit Index Number(s): 271 CERCLIS OU Number(s): 95	
<b>Building 109-R, Purge Water Storage Basin Issue Record of Decision (ROD) in Support of the R Area Operable Unit</b>	10/26/2010
SRS Unit Index Number(s): 1924 CERCLIS OU Number(s): 95	
<b>Building 122-R, Process Storage Building Issue Record of Decision (ROD) in support of the R Area Operable Unit</b>	10/26/2010
SRS Unit Index Number(s): 1925 CERCLIS OU Number(s): 95	
<b>Building 105-R, Reactor Building, Issue Record of Decision (ROD) in support of the R Area Operable Unit</b>	10/26/2010
SRS Unit Index Number(s): 1921 CERCLIS OU Number(s): 95	

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)

**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)**

Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
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## High Level Radioactive Waste Tanks

SEP 2014

SEP 2016

SEP 2017

SEP 2018

SEP 2019

DEC 2012

SEP 2015

SEP 2017

SEP 2019

SEP 2021

Print Date: 01/26/2009



## 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](http://www.recovery.srs.gov)**





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# Questions and Answers

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