



U.S. DEPARTMENT OF
ENERGY



Integrated Priority List (IPL) Discussion

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*Savannah River Site Citizen Advisory Board
January 23, 2018*

Purpose

- Provide the CAB an understanding of how Environmental Management work activities are prioritized in the budget development process
- Request Stakeholder input from CAB on the development of the DOE-SR Budget for Fiscal Year 2020
- Fulfill Strategic & Legacy Management committee work plan requirement

Development of EM Integrated Priority List

Per direction from the Principal Deputy Assistant Secretary for Environmental Management, Sites are to:

- Provide an opportunity for stakeholders to provide input on the sites prioritized activities as part of budget development
 - *This activity is referred to as the Integrated Priority List (IPL) process*
- Include stakeholders recommendations along with their own recommended course of action with the budget submittal to DOE Headquarters

Functional Areas of EM Mission : Program Baseline Summaries (PBS)

- PBS 11C Nuclear Materials Stabilization & Disposition (Including Spent Nuclear Fuel)
- PBS 41 Surveillance, Maintenance, and Deactivation (Formerly PBS 11C scope)
- PBS 13 Solid Waste Stabilization & Disposition
- PBS 14C Radioactive Liquid Tank Waste Stabilization & Disposition
- PBS 20 Safeguards and Security including Cyber Security
- PBS 30 Soil & Water Remediation , Facilities Deactivation & Decommissioning
- PBS 100 Community & Regulatory Support

Major Categories of the Integrated Priority List

All the priorities (scopes) in each PBS are grouped into one of four categories:

- Support Safe Operations & Site Services
- Operational Support
- Cleanup Activities to meet Compliance Milestones & Commitments
- Progress in other EM Mission Activities

Major Categories of the Integrated Priority List

1. Support Safe Operations & Site Services

Activities necessary to maintain facilities or systems in a state of operational readiness, include Site Safeguards & Security

2. Operational Support

Activities necessary to meet contractual and legal commitments and obligations in support of Site Operations that are not included in Safe Operations, Compliance, and Making Progress categories. Primary focus includes:

- Regulatory (EPA and SCDHEC) support activities
- Site Infrastructure support activities.

Major Categories of the Integrated Priority List

3. Cleanup Activities to meet Compliance Milestones & Commitments

Activities necessary to comply with Federal & State Regulations:

- *Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)*
- *Resource Conservation and Recovery Act (RCRA)*
- *Federal Facility Act (FFA)*

These regulations primarily focus on cleanup and monitoring activities associated with Solid Waste (PBS 13), Liquid Waste (PBS 14C) and Soil & Water Remediation (PBS 30).

4. Making Progress in other EM Mission Activities

Primary focus in this category is mission activities associated with Nuclear Materials and Spent Nuclear Fuel stabilization and disposition (PBS 11C), Solid Waste Stabilization & Disposition (PBS-13), F-Area Surveillance, Maintenance, and Deactivation (PBS 41), Facility Deactivation & Decommission (PBS 30).

SRS EM Clean Up Program & IPL Categories

PBS 11C

**Nuclear Materials
Stabilization
& Disposition**

- Safe Ops
- Operational Support
- Making Progress

PBS 41

**Surveillance,
Maintenance,
and Deactivation**

- Safe Ops
- Operational Support
- Making Progress

PBS 13

**Solid Waste
Stabilization
& Disposition**

- Safe Ops
- Operational Support
- Regulatory Commitments
- Making Progress

PBS 14C

**Radioactive
Liquid Tank Waste
Stabilization
& Disposition**

- Safe Ops
- Operational Support
- Regulatory Commitments

PBS 30

**Soil & Water
Remediation,
Facilities**

- Safe Ops
- Operational Support
- Regulatory Commitments
- Making Progress

PBS 20

**Safeguards &
Security**

- Safe Ops
- Operational Support

PBS 100

**Community
& Regulatory
Support**

- Operational Support

PBS 12

**Spent Nuclear
Fuel Stabilization
And Disposition**

- Combined into PBS 11C

Discussion & Request

- General Discussion of the 2018 and 2019 Budget status
 - *Status of FY 2018 Budget*
 - *FY 2019 Budget still under development. Expect President Budget submittal to Congress in February 2018.*

- DOE-SR requests comments and inputs from the CAB for Fiscal Year 2020 by March 30, 2018.

Acronyms

CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
EPA	Environmental Protection Agency
FFA	Federal Facility Agreement
IPL	Integrated Priority List
PBS	Program Baseline Summaries
RCRA	Resource Conservation & Recovery Act
SCDHEC	South Carolina Department of Health and Environmental Control

FY 2016 Integrated Priority List (IPL)

PBS	Description of Element	Category
11C	SR-0011C Pension and Post Retirement Benefits	Min Safe
11C	K-Area Surveillance and Maintenance	Min Safe
11C	H-Area Surveillance and Maintenance	Min Safe
11C	F-Area Surveillance and Maintenance	Min Safe
11C	Receiving Basin for Offsite Fuel Surveillance and Maintenance	Min Safe
11C	Los Alamos National Laboratory 3013 Surveillance (DOE Direct)	Operational Support
11C	Pipe Overpack Costs (DOE Direct)	Operational Support
11C	DOE Indirect - HQ Management Initiative	Operational Support
11C	DOE Indirect - Site Assessments	Operational Support
11C	DOE Indirect - S&S Clearances	Operational Support
11C	Workforce Sustainment	Min Safe
11C	235-F Risk Reduction	Making Progress
11C	Spent Nuclear Fuel Processing	Making Progress
11C	Infrastructure Projects	Operational Support
11C	Pu Disposition	Making Progress
11C	H-Canyon Waste Minimization Efforts	Making Progress

FY 2016 Integrated Priority List (IPL)

PBS	Description of Element	Category
12	SR-0012 Pension and Post Retirement Benefits	Min Safe
12	L-Area Surveillance and Maintenance	Min Safe
12	DOE Indirect - HQ Management Initiative	Operational Support
12	DOE Indirect - Site Assessments	Operational Support
12	DOE Indirect - S&S Clearances	Operational Support
12	Support Foreign Research Reactor [FRR] Receipts (Partial)	Making Progress
12	Support Foreign Research Reactor [FRR] Receipts	Making Progress
12	Support Domestic Research Reactor [DRR] Receipts	Making Progress
12	Support FRR/DRR Outyear Receipts [Coordination]	Making Progress
12	Infrastructure Projects	Operational Support

FY 2016 Integrated Priority List (IPL)

PBS	Description of Element	Category
13	SR-0013 Pension and Post Retirement Benefits	Min Safe
13	Low Level Waste Management	Min Safe
13	Solid Waste Management (Includes Waste Certification, Sanitary Waste Disposal, C&D Landfill, Waste Minimization Program, Facility Mgmt., and Program Mgmt.)	Min Safe
13	Solid Waste Management (CIF Rounds and Maintenance)	Min Safe
13	Hazardous Waste Management	Min Safe
13	Mixed Waste Management	Min Safe
13	TRU Waste (newly generated) Receipt and Storage	Min Safe
13	SRNL Support (PA/CA)	Min Safe
13	Cold War Artifacts Program	Compliance
13	Forestry Services - SCIAA, SREL, NCRS (DOE Direct)	Operational Support
13	DOE Indirect - HQ Management Initiative	Operational Support
13	DOE Indirect - Site Assessments	Operational Support
13	DOE Indirect - S&S Clearances	Operational Support
13	Critical Infrastructure Projects	Operational Support
13	Additional Critical Infrastructure Projects	Operational Support

FY 2016 Integrated Priority List (IPL)

PBS	Description of Element	Category
14C	SR-0014C Pension and Post Retirement Benefits	Min Safe
14C	F-H Tank Farm Facilities Operations	Min Safe
14C	Defense Waste Processing Facility and Saltstone Operations	Min Safe
14C	DOE Indirect - HQ Management Initiative	Operational Support
14C	DOE Indirect - Site Assessments	Operational Support
14C	DOE Indirect - S&S Clearances	Operational Support
14C	Program Services per FAR Contract Requirements [Section J]	Operational Support
14C	Saltstone Disposal Unit 6 Line Item Construction Project	Compliance
14C	Support Salt Waste Processing Facility Start-up	Compliance
14C	Waste Removal & Salt Dissolution for Feed	Compliance
14C	Salt Waste Processing Facility Line Item Construction Project	Compliance
14C	Tank Closure	Compliance
14C	F-H Tank Farm Operations	Compliance
14C	Defense Waste Processing Facility and Saltstone Operations	Compliance
14C	Defense Waste Processing Facility Canister Double Stacking	Compliance
14C	Replacement Melters	Compliance
14C	Saltstone Disposal Unit 7 Line Item Construction Project	Compliance
14C	Additional F-H Tank Farm Facilities Operations	Compliance
14C	Additional Defense Waste Processing Facility and Saltstone Operations	Compliance
14C	Additional Waste Removal & Salt Dissolution for Feed	Compliance
14C	Additional Tank Closure	Compliance
14C	Additional Defense Waste Processing Facility Canister Double Stacking Ops	Compliance
14C	Deployment of Small Column Ion Exchange	Compliance

FY 2016 Integrated Priority List (IPL)

PBS	Description of Element	Category
20	S&S Protective Forces	Min Safe
20	S&S Physical Security Systems	Min Safe
20	S&S Information Security	Min Safe
20	S&S Personnel Security	Min Safe
20	S&S Security Investigations	Min Safe
20	S&S Material Control and Accountability	Min Safe
20	S&S Program Management	Min Safe
20	S&S Transportation	Min Safe
20	S&S Cyber Security	Min Safe
20	Additional Physical Security Systems	Min Safe
20	ARGUS Project (TEC)	Min Safe

FY 2016 Integrated Priority List (IPL)

PBS	Description of Element	Category
30	SR-0030 Pension and Post Retirement Benefits	Min Safe
30	Area Completion Project Program Management (required to maintain compliance under existing site RCRA Permits)	Min Safe
30	Area Completion Project Operations (remedial systems, monitoring, reporting for closed RCRA facilities and preparation of documents to maintaining regulatory compliance)	Min Safe
30	SRNL Support (for SVE monitoring and well optimization under existing RCRA permits)	Min Safe
30	Area Completion Project Field Support (e.g., modeling, engineering, data management for RCRA-permitted scope)	Min Safe
30	General Area Completion (field activities required by existing site RCRA Permits)	Min Safe
30	SRNL Support (for Vadose zone scope under existing RCRA permits)	Min Safe
30	Forestry Services, SREL , City of Savannah Monitoring, Phytoremediation (DOE Direct)	Operational Support
30	DOE Indirect - HQ Management Initiative	Operational Support
30	DOE Indirect - Site Assessments	Operational Support

FY 2017 Integrated Priority List (IPL)

PBS	Description of Element	Category
11C	SR-0011C Pension and Post Retirement Benefits	Min Safe
11C	K-Area Surveillance and Maintenance	Min Safe
11C	H-Area Surveillance and Maintenance	Min Safe
11C	F-Area Surveillance and Maintenance	Min Safe
11C	Receiving Basin for Offsite Fuel Surveillane and Maintenance	Min Safe
11C	Workforce Sustainment	Min Safe
11C	DOE Indirect - HQ Management Initiative	Operational Support
11C	DOE Indirect - Site Assessments	Operational Support
11C	DOE Indirect - S&S Clearances	Operational Support
11C	Los Alamos National Laboratory 3013 Surveillance and other DOE Direct Contracts (DOE Direct)	Operational Support
11C	235-F Risk Reduction	Making Progress
11C	Spent Nuclear Fuel Processing	Making Progress
11C	Infrastructure Projects	Operational Support
11C	Pu Disposition	Making Progress
11C	H-Canyon Waste Minimization Efforts	Making Progress
11C	Additional Infrastructure Projects	Making Progress

FY 2017 Integrated Priority List (IPL)

PBS	Description of Element	Category
12	SR-0012 Pension and Post Retirement Benefits	Min Safe
12	L-Area Surveillance and Maintenance	Min Safe
12	DOE Indirect - HQ Management Initiative	Operational Support
12	DOE Indirect - Site Assessments	Operational Support
12	DOE Indirect - S&S Clearances	Operational Support
12	Support Foreign Research Reactor [FRR] Receipts	Making Progress
12	Support Domestic Research Reactor [DRR] Receipts	Making Progress
12	Support FRR/DRR Outyear Receipts [Coordination]	Making Progress
12	Infrastructure Projects	Operational Support

FY 2017 Integrated Priority List (IPL)

PBS	Description of Element	Category
13	SR-0013 Pension and Post Retirement Benefits	Min Safe
13	Low Level Waste Management	Min Safe
13	Solid Waste Management (Includes Waste Certification, Sanitary Waste Disposal, C&D Landfill, Waste Minimization Program, Facility Mgmt., and Program Mgmt.)	Min Safe
13	Solid Waste Management (CIF Rounds and Maintenance)	Min Safe
13	Hazardous Waste Management	Min Safe
13	Mixed Waste Management	Min Safe
13	TRU Waste (newly generated) Receipt and Storage	Min Safe
13	Cold War Artifacts Program	Compliance
13	Forestry Services, SCIAA, SREL, NCRS (DOE Direct)	Operational Support
13	DOE Indirect - HQ Management Initiative	Operational Support
13	DOE Indirect - Site Assessments	Operational Support
13	DOE Indirect - S&S Clearances	Operational Support
13	Critical Infrastructure Projects	Operational Support
13	Additional Critical Infrastructure Projects	Operational Support

FY 2017 Integrated Priority List (IPL)

PBS	Description of Element	Category
14C	SR-0014C Pension and Post Retirement Benefits	Min Safe
14C	F-H Tank Farm Facilities Operations	Min Safe
14C	Defense Waste Processing Facility and Saltstone Operations	Min Safe
14C	DOE Indirect - HQ Management Initiative	Operational Support
14C	DOE Indirect - Site Assessments	Operational Support
14C	DOE Indirect - S&S Clearances	Operational Support
14C	Program Services per FAR Contract Requirements [Section J]	Operational Support
14C	Support Salt Waste Processing Facility Start-up	Compliance
14C	Waste Removal & Salt Dissolution for Feed	Compliance
14C	Salt Waste Processing Facility Line Item Construction Project	Compliance
14C	Tank Closure	Compliance
14C	Saltstone Disposal Unit 6 Line Item Construction Project	Compliance
14C	F-H Tank Farm Operations	Compliance
14C	Replacement Melters	Compliance
14C	Saltstone Disposal Unit 7 Line Item Construction Project	Compliance
14C	Defense Waste Processing Facility Canister Double Stacking Ops	Compliance
14C	Additional F-H Tank Farm Facilities Operations	Compliance
14C	Additional Defense Waste Processing Facility and Saltstone Operations	Compliance
14C	Additional Waste Removal & Salt Dissolution for Feed	Compliance
14C	Additional Tank Closure	Compliance
14C	Additional Saltstone Disposal Unit 7 Line Item Construction Project	Compliance
14C	Saltstone Disposal Unit 8 Line Item Construction Project	Compliance
14C	Deployment of Small Column Ion Exchange	Compliance

FY 2017 Integrated Priority List (IPL)

PBS	Description of Element	Category
20	Protective Forces	Min Safe
20	Physical Security Systems	Min Safe
20	Information Security	Min Safe
20	Personnel Security	Min Safe
20	Security Investigations	Min Safe
20	Material Control and Accountability	Min Safe
20	Program Management	Min Safe
20	Transportation	Min Safe
20	Cyber Security	Min Safe
20	Additional Protective Forces	Min Safe
20	Additional Physical Security Systems	Min Safe
20	Additional Personnel Security	Min Safe
20	Additional S&S: Security Investigations	Min Safe
20	Additional Program Management	Min Safe
20	ARGUS Project (TEC)	Min Safe

FY 2017 Integrated Priority List (IPL)

PBS	Description of Element	Category
30	SR-0030 Pension and Post Retirement Benefits	Min Safe
30	Area Completion Project Program Management (required to maintain compliance under existing site RCRA Permits)	Min Safe
30	Area Completion Project Operations (remedial systems, monitoring, reporting for closed RCRA facilities and preparation of documents to maintaining regulatory compliance)	Min Safe
30	SRNL Support (for SVE monitoring and well optimization under existing RCRA permits)	Min Safe
30	Area Completion Project Field Support (e.g., modeling, engineering, data management for RCRA-permitted scope)	Min Safe
30	General Area Completion (field activities required by existing site RCRA Permits)	Min Safe
30	SRNL Support (for Vadose zone scope under existing RCRA permits)	Min Safe
30	Forestry Services, SREL, City of Savannah Monitoring, Phytoremediation (DOE Direct)	Operational Support
30	DOE Indirect - HQ Management Initiative	Operational Support

FY 2018 Integrated Priority List (IPL)

PBS	Description of Element	Category
11C	SR-0011C Pension and Post Retirement Benefits	Min Safe
11C	K-Area Surveillance and Maintenance	Min Safe
11C	H-Area Surveillance and Maintenance	Min Safe
11C	L-Area Surveillance and Maintenance	Min Safe
11C	Workforce Sustainment	Min Safe
11C	DOE Managed	Operational Support
11C	Los Alamos National Laboratory 3013 Surveillance and other DOE Direct Contracts (DOE Direct)	Operational Support
11C	Spent Nuclear Fuel Processing	Making Progress
11C	Pu Disposition	Making Progress
11C	Support Foreign Research Reactor [FRR] Receipts	Making Progress
11C	Support Domestic Research Reactor [DRR] Receipts	Making Progress
11C	Additional Monitoring for SNF Wet Stored in L-Basin	Making Progress

FY 2018 Integrated Priority List (IPL)

PBS	Description of Element	Category
41	SR-0041 Pension and Post Retirement Benefits	Min Safe
41	F-Area Surveillance and Maintenance	Min Safe
41	Receiving Basin for Offsite Fuel Facility Surveillance and Maintenance	Min Safe
41	DOE Managed	Operational Support
41	235-F Risk Reduction	Making Progress

FY 2018 Integrated Priority List (IPL)

PBS	Description of Element	Category
13	SR-0013 Pension and Post Retirement Benefits	Min Safe
13	Low Level Waste Management	Min Safe
13	Solid Waste Management (Includes Waste Certification, Sanitary Waste Disposal, C&D Landfill, Waste Minimization Program, Facility Mgmt., and Program Mgmt.)	Min Safe
13	Solid Waste Management (CIF Rounds and Maintenance)	Min Safe
13	Hazardous Waste Management	Min Safe
13	Mixed Waste Management	Min Safe
13	TRU Waste (newly generated) Receipt and Storage	Min Safe
13	Cold War Artifacts Program	Compliance
13	Forestry Services, Savannah River Ecology Laboratory (DOE Direct)	Operational Support
13	DOE Managed	Operational Support
13	A-Area Firewater Project	Operational Support
13	Emergency Operations Center Replacement Project	Operational Support

FY 2018 Integrated Priority List (IPL)

PBS	Description of Element	Category
14C	SR-0014C Pension and Post Retirement Benefits	Min Safe
14C	F-H Tank Farm Facilities Operations	Min Safe
14C	Defense Waste Processing Facility and Saltstone Operations	Min Safe
14C	DOE Managed	Operational Support
14C	Program Services per FAR Contract Requirements [Section J]	Operational Support
14C	Support Salt Waste Processing Facility Start-up	Compliance
14C	Waste Removal & Salt Dissolution for Feed	Compliance
14C	Salt Waste Processing Facility Line Item Construction Project	Compliance
14C	Tank Closure	Compliance
14C	F-H Tank Farm Operations	Compliance
14C	Saltstone Disposal Unit 7 Line Item Construction Project	Compliance
14C	Saltstone Disposal Units 8 / 9 Line Item Construction Project	Compliance
14C	Defense Waste Processing Facility Canister Double Stacking Ops	Compliance
14C	Demonstration of Tank Closure Cesium Removal	Compliance

FY 2018 Integrated Priority List (IPL)

PBS	Description of Element	Category
20	SR-0020 Pension and Post Retirement Benefits	Min Safe
20	Protective Forces	Min Safe
20	Physical Security Systems	Min Safe
20	Information Security	Min Safe
20	Personnel Security	Min Safe
20	Security Investigations	Min Safe
20	Material Control and Accountability	Min Safe
20	Program Management	Min Safe
20	Transportation	Min Safe
20	Cyber Security	Min Safe
20	ARGUS Project (TEC)	Min Safe

FY 2018 Integrated Priority List (IPL)

PBS	Description of Element	Category
30	SR-0030 Pension and Post Retirement Benefits	Min Safe
30	Area Completion Project Program Management (required to maintain compliance under existing site RCRA Permits)	Min Safe
30	Area Completion Project Operations (remedial systems, monitoring, reporting for closed RCRA facilities and preparation of documents to maintaining regulatory compliance)	Min Safe
30	SRNL Support (for SVE monitoring and well optimization under existing RCRA permits)	Min Safe
30	Area Completion Project Field Support (e.g., modeling, engineering, data management for RCRA-permitted scope)	Min Safe
30	General Area Completion (field activities required by existing site RCRA Permits)	Min Safe
30	SRNL Support (for Vadose zone scope under existing RCRA permits)	Min Safe
30	Forestry Services, SREL, City of Savannah Monitoring, Phytoremediation (DOE Direct)	Operational Support
30	DOE Managed	Operational Support
30	D Area Completion (dewatering and geosynthetic capping of 51 acres of D-Area ash basins required by FFA enforceable milestones)	Compliance
30	C-Area Groundwater Remediation	Compliance

FY 2018 Integrated Priority List (IPL)

PBS	Description of Element	Category
100	Payment-in-Lieu-of Taxes (PILT)	Operational Support
100	SCDHEC Remediation and Environmental Monitoring (REM) Grant	Operational Support
100	Emergency Management Agencies	Operational Support
100	Citizen Advisory Board	Operational Support