
APPENDIX 5

REV. 7

G-FSP-G-00005

**Functional Service Agreement between
Savannah River Nuclear Solutions, LLC
and
Savannah River Remediation LLC**

Infrastructure Services

October 1, 2013

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1.0 INTRODUCTION

This Functional Service Agreement, appendix 5 of Memorandum of Agreement (G-MOA-G-00002 describes the service exchange between the Savannah River Site (SRS) Site Maintenance and Operations (M&O) contractor, Savannah River Nuclear Solutions, LLC (SRNS) and Savannah River Remediation LLC (SRR).

This appendix describes the base load work to be provided. Included as part of base load activities maybe, programmatic responsibilities for the Site, as well as, certain tasks related to ensuring/interpreting program effectiveness and activities considered to be part of Site Landlord and Site Services. Task-related activities outside of the agreed upon services documented in this FSA will be documented as part of the Service Level Agreements (SLAs).

Unless otherwise noted in this document, the services described do not apply to SWPF/Parsons.

The parties agree to review this FSA at least annually to ensure service agreements are consistent with DOE contract terms and revise it if changes are needed as determined by both parties.

2.0 POLICIES, PROCEDURES, AND MANUALS

The following policies, procedures, and manuals will be maintained for the site by SRNS and will apply when services are provided:

Manual Number	Manual Title	Applicable Sections
WSRC TM-90-7	SRS Hoisting & Rigging Manual	All
11B	Subcontract Management	All
1Y	Conduct of Maintenance Manual	All
2Q	Fire Protection Manual	All

8Q	Employee Safety Manual	All
4Q	Industrial Hygiene Manual	All
5Q	Radiological Control Manual	All
19Q	Transportation Safety Manual	All
1D	Site Infrastructure and Services Manual	All

3.0 CODES AND STANDARDS

- ASME B31.3 (Process Piping)
 - ASME B31.1 (Power Piping)
 - ASME B31.9 (Building Services Piping)
 - AWWA C Series: C200, C300, C600, C800, C900, Manual M11, Manual M23 (Domestic Water)
 - AWWA D-100 (Water Storage Tanks)
 - AWWA E-101 (Portable Water Pumps)
 - ASME B73 (Process Pumps)
 - API-620 (Storage Tanks)
 - Various NFPA Codes: NFPA_13, 15, 20, 22, 24, 25, 30, 70, 72 (Fire Protection)
 - NFPA 214 (Cooling Towers)
 - ASCE Manual # 60 (Sanitary Waste)
 - ASME BPV (Section VIII, Boiler and Pressure Vessel Code; Section I, Power Boilers; Section IV, Heating Boilers)
 - SRS Engineering Standards 01060, 01110 15061, 15250
 - S/RID (WSRC-RP- 94-1268-012), Functional Area FA-07
 - DOE Order 420.1B, Facility Safety
 - DOE-STD-1189-2008, Integration of Safety into the Design Process
 - 10 CFR 851, Worker Safety and Health Program
 - 29 CFR 1910.179-184 & 29 CFR 1926.550-554
 - Department of Transportation (DOT)
 - ANSI Codes and Requirements
-

4.0 INFRASTRUCTURE SERVICES

4.1 Fleet/Fuel Management

Fleet & Fuel Management provides oversight of all Site General Services Administration (GSA) vehicles as well as all Site fuel stations. Such service includes but is not limited to the following:

- Coordinates, tracks and shuttles GSA vehicles offsite for preventive maintenance (PM) and corrective maintenance (CM) activities;
- Coordinates with GSA and end-users on manufacturer's safety recalls and required/recommended corrective actions, vehicle accident, vehicle reassignment and ordering of replacement of vehicles;
- Provides utilization reports, performs cost estimates and approves/schedules vehicle modifications, generates billing reports and provides oversight of incurred charges for vehicle leases;
- Manages energy conservation measures related to the vehicle fleet and coordinates changes/impacts with users input;
- Provides required fleet reports to U.S. Department of Energy - Savannah River Operations Office (DOE-SR) management;
- Provides site fuel supplies (e.g., gasoline, diesel, ethanol) and management programs for Site fuel supply, coordinates and manages purchases, delivery, bulk tank storage, testing, and self-dispensing gas stations;
- Provides required diesel fuel testing, controls, and delivery capability for Safety Significant/Safety Class emergency diesel generators to support facility and emergency response. Develop monthly and annual fuel usage reports to process billings and monitor usage.

4.2 Site Communication Services

SRNS will provide the following standard Site Communication:

- Site UHF and VHF Radio System infrastructure
 - Site Safety Alarm System/Public Address System (SAS/PA) to existing SRS
 - Site Radio Paging infrastructure
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The following services are provided on a per instance basis:

- Outside antenna services including mounting, repair and replacement
- Providing space for SRR repeater and antenna
- Replacement and new pagers
- Pager maintenance
- Public Address (PA) maintenance
- Replacement and new radios
- Radio maintenance
- Vehicle radio installation
- Radio dispatch console maintenance

4.3 Roads, Grounds, Trucking and Waste Hauling, and Railroads

Roads and Grounds

Services are provided as follows:

- Maintain grounds, primary roads and bridges, and parking lots.
- Perform pesticide, herbicide, excavation, spill recovery, and sign maintenance.
- Parking lots affiliated with the buildings identified below and the Essential Site Services Buildings listed in Section 5.0.

- A-Area
- B-Area 707 Trailer Complex
- B-Area excluding parking lots around WSI facilities, 735-2B, and 735-4B
- E-Area Entrance Road and New Trailer Complex Paved Parking Lot
- G-Area
- 766-H

N-Area including parking lots:

- Within the 705-N/706-N Transportation Complex
- Just outside of Transportation complex gate
- Across the road from both the complex and medical
- 719-N
- Outside the fence area around at 722-N area
- Around 645-N, 704-11-N, 704-1N, 704-3N, & 618-G complex

Trucking and Waste Hauling

- SRNS trucking and waste hauling services are available to SRR upon request by calling the Transportation Dispatcher at 557-4717. The Transportation Dispatcher will complete the request for services and dispatch the Trucking or Waste Hauling Services
-

requested per the agreed upon schedule. All required DOT regulations are completed and performed by SRNS when these types of services are provided to SRR.

- A fleet of tucking and waste hauling vehicles are maintained by SRNS to service their customers at SRS. From time to time a request to use one of the SRNS fleet vehicles have been issued from other DOT certified entities at SRS. It must be noted that the first use of the SRNS fleet vehicles are for SRNS Trucking or Waste Hauling Services provided to their customers. To request the use of one of the SRNS Fleet Vehicles the following requirements must be met.
 1. A written request must be made to the manager of the SRNS Trucking and Waste Hauling Fleet for approval.
 2. A PECMC rental costs will be charged to SRR for use of the vehicle.
 3. The current condition of the vehicle will be written down and agreed upon by SRNS and SRR. The vehicle is required to be returned in the same condition.
 4. SRR when using a SRNS Trucking and Waste hauling fleet vehicle is responsible to add the SRR Motor Carrier Registration number to the vehicle.
 5. SRR must follow all DOT rules and regulations when using the vehicle.
 6. SRR would be responsible for all claims and or repairs if an accident occurred during use of the vehicle.

If and when SRR uses an SRNS Commercial Motor Vehicle that displays "Operated by Savannah River Nuclear Solutions, LLC" with the SRNS Federal Motor Carrier Number (DOT), SRR will ensure the SRNS name and number is not visible and their own SRR name and number is displayed. Conversely, if and when SRNS uses an SRR Commercial Motor Vehicle that displays "Operated by Savannah River Remediation, LLC" with the SRR Federal Motor Carrier Number (DOT), SRNS will ensure the SRR name and number is not visible and their own SRNS name and number is displayed.

Railroads

SRNS performs Railroad Maintenance, Track Inspection, and Deliveries to SRR.

- Deliveries are performed as needed and when requested by SRR. Maintenance is performed by SRNS on all Railroads onsite. SRNS perform track inspections and develops maintenance plans and repairs for the S-Area Spur when requested by SRR
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4.4 Site Hoisting and Rigging Program

SRNS will develop and maintain the Site Hoisting and Rigging Program through the Hoisting and Rigging Committee (HRC). SRR will maintain representation as detailed in Section 1 of the Hoisting and Rigging Manual.

4.4.1 Hoist and Rigging Commodity Management Center

The Hoist and Rigging Commodity Management Center is responsible for the following:

- Prepares and approves all requisitions for procurement of rigging material;
- Provides receipt of all level 2 and level 3 rigging material and ensures that proper storage, tagging, and testing is performed prior to release for site use;
- Inspects all new rigging-associated safety equipment, including fall protection and tagging prior to site issuance; and
- Ensures that necessary certificate of conformance or other documentation is provided.

4.5 Respirator Equipment Facility

The Respirator Equipment Facility is responsible for the following services:

- Provides respiratory equipment services for employees requiring air quality equipment, via assembly, repair and testing, including technical support for assembly, repair, and testing of suits, full and half-face respirators, hoses, etc.
- Purchases materials from vendors and inventoried in Stores, then bills to customer-supplied activity codes when they are procured from stores for assembly/testing;
- Maintains required quality and on-hand inventory of designated personal protective equipment (PPE) equipment to meet Site requirements and to preclude impacts due to lack of inventory.

4.6 Facility Maintenance

Facility Maintenance is responsible for troubleshooting and performing corrective, preventive, and predictive maintenance on building systems such as plumbing, steam, fire protection and electrical systems in ESS-funded facilities. These facilities are located in A, B, C, G, and N Areas as well as the 766-H Training Facility and 719-H Medical.

SRR will be responsible for:

- 1) Each trailer and footing, and electrical to disconnect switch on outside of trailer for the following trailers: 707-9B, 707-10B, 707-19B, 707-20B, 707-21B, 707-61B, 707-62B & 707-63B; 707-1E-707-18E; 742-G-742-14G excluding 742-2G, 742-3G, 742-6G & 742-8G
-

- 2) Plumbing on the restroom trailers to first upstream and downstream valve located outside the trailers for the following trailers: 707-11E, 707-12E; and 742-10G and 742-11G
- 3) Surface of the sand/gravel road and walkways, as required, from normal use in and around 707-1E – 707-18E and 742-G – 742-14G

4.7 Facility Operations

Facility Operations operates, and maintains administrative and other designated facilities, including but not limited to, fire protection, life safety, emergency preparedness, and security in ESS-funded facilities. These facilities are located in A, B, C, G, and N Areas as well as the 766-H Training Facility and 719-H Medical.

The 717-F shop facility will be shared by SRR personnel for performance of specific scope mutually agreed upon by the SRNS and SRR FPOCs. Space utilization within the shop areas will be allocated by the responsible shop manager. Any competing priorities will be resolved by the SRNS and SRR FPOC through established interface processes.

The following controls apply to SRR work being performed in 717-F:

- SRR will be responsible for reporting any incident or accident that occurs within their work spaces or involves their personnel. Reportability of incidents involving SRNS operations or maintenance personnel will be the responsibility of SRNS.
- Within designated SRR work spaces, SRR personnel will maintain a safe work environment & housekeeping will be in accordance with site procedures
- SRR will control work using SRR originated and approved hazards analysis, work packages, procedures and technical work documents and will attend SRNS's 717-F POD to facilitate SRNS cognizance of ongoing SRR work activities.
- SRR will be responsible for safe isolation (L/T) of equipment controlled from a local disconnect, receptacle (plug) or valve.
- SRNS Facility Administrators will be responsible for safe isolation of equipment fed from a Motor Control Center (MCC), lighting panel, or remote valve associated with the building infrastructure.
- SRNS Facility Management reserves the right to perform assessments of SRR work areas to ensure safety and housekeeping standards are maintained. Feedback will be provided directly to the SRR manager responsible for the work and the SRR FPOC will be copied on all related correspondence.
- Any proposed modifications to the 717-F building or infrastructure shall be submitted to and approved by the Facility Operations Manager or designee prior to the start of work.
- Funding for SRR requested building modifications or improvements (exclusive of routine building/infrastructure maintenance) will be approved by the SRR CAM and Interface Manager prior to starting work.

4.8 Landlord Integration & Planning

SRNS will manage and coordinate overall site program compliance with the RPAM Order, including Landlord Services, e.g., space utilization and assignment of assets, Site & Land Use planning, coordination and reporting of the Ten Year Site Plan, administration of the DOE Facility Information Management System (FIMS) and Condition Assessment Information System (CAIS) Databases, performance of Facility Condition Assessment, management of the Site Policy, Program, Procedures and System (Asset Suite) associated with Site Maintenance, etc. SRR will fully support SRNS in the administration of the DOE Order 430.1B program requirements, including providing all related reporting, information and data at times specified by SRNS in order to meet various DOE order reporting requirements.

Landlord Integration & Planning oversees and ensures SRS is in compliance with DOE Order 430.1B, Real Property Asset Management which includes the following programs:

Site Development Control – Land Use Planning & Management

Land use transfers between SRR/SRNS are conducted using the Site Development Control – Land Use Planning & Management, and building use transfers are conducted in accordance with the Manual 1B, Procedure 1.30, “SRS Facilities Structures and Assignment Process”.

Site Development Control

Site Development Control provides configuration control of all real property (land use and facilities) at SRS.

Site Development Control is also accomplished through the following functional program activities:

- The As-Built Program implements program responsibilities associated with documenting the as-built configuration of all systems, commodities, and utilities both above and below grade on-site.
 - The Site Boundary Maintenance Program implements program responsibilities associated with the Site Boundary program regarding technical data for property monuments, site easements, and Right-of-Ways. This also includes an annual inspection of monuments and boundary conditions.
 - The Floor Plan Maintenance Program implements program responsibilities associated with the creation and maintenance of as-built site floor plans to support Site Housing activities.
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- The Shared Site Structure Database (SSSD) Program implements program responsibilities associated with the creation of structure numbers and maintain data such as responsible organization and status.

The generation of Site Use and Clearance Permits are direct funded scope. Service Level Agreements are generated by SRR to support these project related activities. The Site Use Permit documents formal approval from the SR Land Use Committee allowing use of SRS property. The Site Clearance Permit ensures that proposed construction does not encroach upon existing or planned facilities.

Site Housing Program

Site Housing provides real property management for SRS land through the following programs and program functions.

- Plans and administers structures and their spaces (administrative, warehouse, shop, lab) to ensure maximum utilization of assets
- Manages the SRS Trailer Commodity Management Center
- Provides program oversight of systems modular furniture and free-standing furniture per procedure 1D.3.01.
 - Systems Modular Furniture oversight includes developing a drawing of proposed office furniture, providing samples of new furniture, coordinating the purchase and installation of furniture for site customers. Funding for Systems Modular Furniture is provided by each customer upon request.
 - Free Standing Furniture oversight includes maintaining a warehouse of used furniture, making that furniture available to other site users, preparing necessary paperwork for transfers, and relocation and set up of this furniture. Funding for movement and installation is provided by the site user, there is no transfer of funds for the furniture.

FIMS & CAIS Database Administration

Landlord Integration and Planning provides Administration of DOE-HQ, Facility Management System (FIMS) and Condition Assessment Information System (CAIS) databases.

4.9 Site Work Management and Maintenance Programs

Site Maintenance Program & Work Management Functional Area provides the following services:

- Manages Site Level programs, processes, procedures, and performs analysis for the Site Maintenance (Functional Area [FA]-10), FA-10 and Standards and Requirements Identification Documents (S/RIDs);
- Serves as Senior Maintenance Forum functional interface;
- Provides SME/design authority for Asset Suite Work Management System/ Electronic Work Planner Template, and Site Maintenance Implementation Plan (with adoption of DOE Order 433.1B; Nuclear Maintenance Management Plan).
- Leads compliance with DOE Order 433.1B Maintenance Management Program for Nuclear Facilities and the maintenance requirements contained in DOE Order 430.1B Real Property Asset Management;
- Owns 1Y *Conduct of Maintenance Manual* and interface for Site procedure reviews that affect maintenance work planning and control responsibilities.
- Provides revisions and updates for the above to address changing conditions; and
- Chairs related Site teams as required to facilitate program changes and improvements.

Note: SRR has contract accountability for their FA-10 S/RIDs and will remain responsible and accountable for their implementation of the 1Y Manual. If deviations from the requirements of the 1Y manual are considered necessary by SRR, such deviations will be approved by SRR and coordinated with SRNS for inclusion as a 1Y addendum. SRR may supplement the requirements of the 1Y manual by providing additional implementation detail to SRNS for SRNS' concurrence in an effort to maintain program continuity.

Note: Administration of DOE Facility Information Management System (FIMS) and Condition Assessment Information System (CAIS) shall both require input and updates from all originators at SRS.

4.10 Site Work Management - Computer Process Management

This includes management of electronic systems and electronic programs (hardware and software), including Site Infrastructure Housing and Building Data. The following services are included:

- Develops and manages Site Work Management, and Program Reporting Tool (PRT).
 - Performs PRT revisions and updates to address key Maintenance performance issues and program improvements.
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- Provides WEB Development and Control for Site Maintenance, and
- Interfaces with Site Information Technology (IT) Programs and Processes

4.11 Subcontract Management Program Services

SRNS will provide Subcontract Management Program (SMP) support services for the STRs involved in subcontract management activities for SRR in accordance with the SRS 11B Manual.

Support services include maintaining and providing SRR access to:

- Focused Observation Database
- Online Focused Observation Checklist
- STR/Subcontractor Quarterly Forum
- Lessons Learned

5.0 INTERFACE INFORMATION

Interface Control Information is embedded in Section 4 of this document.
List of ESS Funded Facilities

AREA	BLDG NO	DESCRIPTION	GSF*
A	703-42A	Building	22,230
A	703-43A	Building	24,540
A	703-45A	Building	22,824
A	703-46A	Building	22,771
A	703-47A	Building	18,911
A	703-73A	Trailer	1,750
A	703-A	Building	176,458
A	711-A	Storage-Valve Shop	2,800
A	712-A	Storage - Machine Shop	1,107
A	717-4A	Shop	251
A	717-5A	Trailer	1,507
A	717-7A	Storage	3,185
A	717-8A	Storage	871
A	717-9A	Shed	871
A	717-A	Shop	52,396
A	719-13A	Trailer	478
A	722-1A	Shop	6,900
A	722-2A	Trailer	684
A	722-4A	Shop	9,906
A	722-5A	Shop	19,075
A	722-6A	Storage	58
A	722-7A	Storage - M&TE Shop	1,095
A	722-8A	Storage	891

A	722-A	Shop	11,368
A	730-1A	Trailer	1,760
A	740-7A	Trailer	478
A	742-4A	Trailer	658
A	742-5A	Trailer	660
A	742-A	Building	22,287
A	751-A	Building	4,197
A	773-68A	Trailer	1,760
A	773-69A	Trailer	1,091
A	773-70A	Trailer	1,760
A	773-71A	Restroom Trailer	478
B	703-21B	Restroom Trailer	651
B	704-12B	Trailer	1,726
B	704-15B	Restroom Trailer	260
B	704-20B	Trailer	1,726
B	704-7B	Trailer	1,726
B	707-34B	Trailer	1,726
B	707-35B	Trailer	1,726
B	707-38B	Trailer	1,726
B	707-39B	Trailer	1,726
B	707-40B	Trailer	1,726
B	707-41B	Trailer	1,726
B	707-42B	Trailer	1,726
B	707-43B	Trailer	1,726
B	707-44B	Trailer	1,726
B	707-45B	Trailer	1,726
B	707-46B	Trailer	1,726
B	707-47B	Trailer	1,726
B	707-48B	Trailer	1,726
B	707-49B	Trailer	1,726
B	707-50B	Restroom Trailer	478
B	707-52B	Restroom Trailer	478
B	730-1B	Building	94,777
B	730-2B	Building	94,874
B	730-4B	Building	94,870
B	730-B	Building	96,753
C	701-1C	Building	3,944
C	703-1C	Trailer	1,727
C	704-C	Building	24,717
C	705-1C	Building	14,227
C	705-3C	Building	17,119
C	705-C	Building	26,909
C	706-18C	Restroom Trailer	478
C	706-19C	Restroom Trailer	521
C	706-20C	Trailer	1,726
C	706-21C	Trailer	1,727
C	706-9C	Trailer	3,583

C	707-C	Building	52,609
C	711-C	Storage	1,657
F	221-33F	Warehouse	4,800
F	711-F	Rigging Office	3,000
F	717-F	Shop	53,896
G	742-8G	Trailer	1,792
G	760-11G	Building	7,940
G	782-3G	Trailer	400
H	704-43H	Trailer	1,756
H	704-44H	Trailer	1,760
H	704-45H	Trailer	1,760
H	719-H	Building	4,766
H	766-H	Building	155,222
M	315-M	Building	27,264
N	704-1N	Building	42,185
N	704-2N	Building	1,321
N	704-3N	Building	12,000
N	705-N	Building	12,167
N	706-3N	Shed	10,500
N	706-N	Building	7,339
N	710-14N	Shed	9,672
N	710-15N	Shed	5,973
N	710-2N	Shed	800
N	714-2N	Storage	11,669
N	717-N	Building	14,157
N	719-1N	Trailer	2,063
N	719-5N	Building	17,071
N	719-N	Warehouse	6,627
N	722-N	Building	6,142
N	726-1N	Building	1,600
N	730-N	Warehouse	8,100
B	707-1	Trailer	
B	707-2	Trailer	
B	707-3	Trailer	
B	707-4	Trailer	
B	707-5	Trailer	
B	707-6	Trailer	
B	707-7	Trailer	
B	707-8	Trailer	
B	707-11	Trailer	
B	707-12	Trailer	
B	707-13	Trailer	
B	707-14	Trailer	
B	707-15	Restroom Trailer	
B	707-16	Restroom Trailer	
B	707-18	Conference Room Trailer	

B	707-22	Trailer
B	707-23	Trailer
B	707-24	Trailer
B	707-26	Trailer
B	707-27	Trailer
B	707-28	Restroom Trailer
B	707-30	Trailer
B	707-53	Trailer
B	707-54	Trailer
B	707-55	Trailer
B	707-58	Trailer
B	707-59	Trailer
B	707-60	Trailer
B	707-64	Trailer
Count = 101		Total GSF 1,435,226

* GSF = Gross Square Feet

6.0 SERVICE UNIT INFORMATION

For SRR, see the Attachment 1 of the MOA.

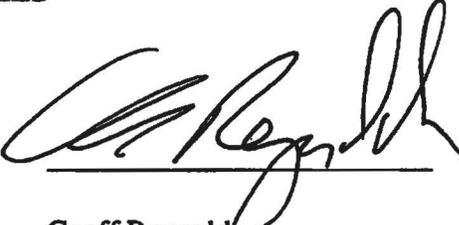
7.0 POINTS OF CONTACT

Both parties shall assign single Points of Contact (POCs) who will be responsible for coordinating and administering all matters related to this agreement. All requests for services shall flow through these POCs (or their functional designees). The POCs for this agreement are:

SRNS: James Alexander, SRNS Utilities and Operations

SRR: Steve Okawa, SRR Project Integration and Planning

8.0 APPROVALS

SRNS: 
Geoff Reynolds

9-23-13

Date

SRR: 
Rodney Blackmon

10-1-13

Date

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