

**APPENDIX 9**

**G-FSP-G-00055, Rev. 4**

**Functional Service Agreement**

**between**

**Savannah River Nuclear Solutions, LLC**

**and**

**Centerra Group, LLC**

**For Use of 105-C (+15 Level) and Grounds**

**December 8, 2014**

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## 1.0 INTRODUCTION

This Functional Service Agreement, Appendix 9 of Memorandum of Agreement (G-MOA-G-00010) describes the service exchange between Savannah River Site (SRS and/or the Site) Management and Operating (M&O) contractor, Savannah River Nuclear Solutions, LLC (SRNS) and Centerra Group, LLC at the SRS (Centerra-SRS).

This appendix describes the Centerra-SRS use of 105-C and grounds within the fence line surrounding the 105-C Building, and the grounds being used for lanes training directly northeast of the 151-2C Building. Included may be programmatic responsibilities for the Site, as well as certain tasks related to monitoring program effectiveness and activities considered to be part of Site Landlord Services. Task-related activities that are requested will be documented in this Functional Services Agreement (FSA) as defined in CO direction to SRNS.

The parties agree to review this FSA at least annually and revise it if changes are needed as determined by both parties.

## 2.0 CENTERRA-SRS 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.

Document ID	Title
OBU-SFP-2004-00219	105-C Entry Plan

## 3.0 CODES AND STANDARDS

This section is not applicable for this FSA.

## 4.0 SERVICES

Spent Fuel Project (SFP) – L Area is the custodial organization for the 105-C facility. This facility is declared inactive and no longer provides service for the building’s intended mission. The DOE-SR has not declared the building as Excess, and the building has been evaluated as having historical significance, per the SRS Cold War Building Environment, Cultural Resources Management Plan (CRMP), 12/2004, and under the National Historic Preservation Act (NHPA). Centerra-SRS may utilize the interior, +15 level of the 105-C Building. This utilization is allowed within the C-Area Treatment Plan, for the reactor area Cold War NRHP-eligible historic properties, (Ref. CRMP, Section 4.7, C-Reactor Area Preservation). The C-Area Treatment Plan

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states that "SR will only allow sympathetic uses of C Area historic buildings that will not endanger the historic fabric of the building." Centerra-SRS will agree not to alter or damage the facility or grounds at facility. Centerra-SRS will agree to provide immediate notification to the custodial organization and to the SRS Historical Office, should any adverse action occur or be discovered during their utilization. Centerra-SRS has been authorized to use the +15 Storage Room, +15 E&I shop office and Office 1043 in the administrative wing for storage of training materials and equipment. Centerra-SRS is responsible for posting the primary and alternate Centerra-SRS contacts at the entrance to these rooms.

Centerra-SRS is requesting the use of the grounds within the fence line surrounding the 105-C Building, administrative wing, both corridors outside Transformer Rooms 1 and 4, and the use of the two stairwells leading up to the +15 level and the +15 level of the building to support the Centerra-SRS training program. Per approval of this FSA, SFP will retain custodial responsibilities for the building and Centerra-SRS will periodically occupy the building and grounds as a tenant. Centerra-SRS training will be conducted on a periodic basis, with training expected to continue at this facility upon approval of this FSA.

Centerra-SRS training program will include but is currently limited to:

- Dye marking cartridge training
- Laser engagement system equipment in and around the building
- Scenario training for use of force, deadly force, tactical training, etc.
- Force on force exercises, Emergency drills, etc.

This FSA serves as Authorization to enter the facility along with reviewing the C Area Entry Plan and meeting the requirements of the SFP Fire Protection Plan SFP-1 which provides minimum fire protection and life safety compensatory measures in the 105-C Reactor Building.

#### **4.1 TERMS AND CONDITIONS**

SFP remains as the custodial organization for the building structure. This building has been declared inactive and has been deactivated; surveillance and maintenance of the facility has been minimal. As such, SRNS SFP will promptly notify Centerra-SRS if the facility is determined or suspected to be unsafe for continuation of Centerra-SRS training program. SFP will establish a primary point of contact that will have ultimate responsibility for the facilities. SFP will maintain the building structure, electric power, domestic water and sanitary sewer services to the facility.

Centerra-SRS as tenant of the building will maintain the interior portions of the building that are to be used by Centerra-SRS. These areas will be maintained to an acceptable standard for intended use and Centerra-SRS will provide minimum life safety equipment while the building is occupied. Centerra-SRS will assume responsibility for the safety of occupants and actions

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conducted with training at this facility; and Centerra-SRS will be responsible for any notification, evaluation and reporting to site management of unusual actions, injuries or occurrence along with a courtesy notification to SFP management. Centerra-SRS as tenant is responsible for funding repairs to facility caused by their training exercises. A facility walk-through will be conducted and documented prior to and immediately following an exercise to document facility condition or any damages that may have occurred during the exercise. Centerra-SRS agrees to maintain the following activities to comply with safety concerns prior to utilizing the building for training purposes:

- Administrative controls shall be put in place to restrict the movement of Centerra-SRS personnel to lower and upper floors. There will be signs and physical barricades to preclude movement to these floors. These signs and barriers will be at entry points into the building and roadways.
- During occupancy, personnel are required to carry flashlights to assist their exit from the facility.
- Portable ventilation and fans may be used.
- The total occupancy of the facility by Centerra-SRS shall remain below 50 personnel.
- Trash and brass will be picked up after each use.
- Instructors will be trained in the use of fire extinguishers.
- The following rooms will be out of play for Centerra-SRS training: 1) +15 Men's and Women's restrooms, 2) +15 kitchen, 3) +15 Crane Control Room, 4) +15 storage closets, 5) +15 telephone room, 6) Rod Equipment Room, 7) areas behind control room panels and 8) Transformer Rooms 1 and 4.
- A safety walk-through will be conducted prior to conducting any training.
- Prior to additional storage areas being created, SFP, Centerra-SRS and Fire Protection Engineering shall conduct an inspection to verify site and facility safety requirements have been satisfied.
- Centerra-SRS will make the storage rooms available for life safety inspections as required by SFP Fire Protection Program with appropriate notice.

NOTE: Centerra-SRS will not store "DMC cartridges" in building.

- Centerra-SRS Instructors will attend SRNS Fire Watch/Patrol training. At least one Instructor will be assigned as Fire Patrol for training sessions and this instructor will not be actively involved with the training. A Fire Watch/Patrol procedure Attachment A (SFP-1 FPP 4.01-L Fire Watch Log) will be completed for each training session and turned in to custodial organization once a quarter.
- Centerra-SRS Fire Patrol is to remain 30 minutes after each training session as outlined in the Fire Watch/Patrol training and SRNS 2Q.
- Centerra-SRS will send training schedules out to SFP and DOE personnel before conducting training in the facility.

- Centerra-SRS will conduct safety walk-downs with SFP personnel before the start of new training scenarios.

SFP and Centerra-SRS will ensure that entry to the building is controlled and that only authorized personnel from each party have access to the structure. Centerra-SRS will limit the use and part-time occupancy of the +15 level.

During actual training exercises, Centerra-SRS will post warning signs and post a designated monitor to ensure that non-authorized personnel do not enter while training is in progress.

This approved FSA will authorize use of the facility on an annual basis. The FSA will require at least an annual review for continued use by SFP, Site Historical Preservation and Centerra-SRS.

A walk-down and safety meeting shall be conducted between Centerra-SRS, SFP and SFP Fire Protection after the FSA approval and each renewal.

Prior to the use of the 105-C (+15 level) and grounds by an outside agency, a pre-walkdown will be conducted and after the completion of training a post-walkdown will be conducted by SRNS, Centerra-SRS, and the outside agency representatives.

This agreement may be terminated at any time, if SFP is directed by SRNS and/or DOE-SR to initiate actions for building reuse or final disposition. This agreement may also be terminated upon SFP's determination that the building structure is unsafe and/or is not economically desirable to maintain for periodic entry.

## 4.2 EQUIPMENT DESCRIPTION

Centerra-SRS will be authorized to occupy and utilize the grounds outside the Facility within the fenced area, and both corridors and stairwells leading up to the +15 level and the +15 level of the 105-C building.

Active building services are currently limited to electric power, domestic water, emergency equipment inspections and sanitary sewage services and these basic facility services will be maintained by SFP unless S&M (Surveillance and Maintenance) requirements are no longer required in 105-C.

Since the domestic water and sanitary sewer services are functional at the building, Centerra-SRS may elect to utilize the existing restroom facilities. As an alternative, Centerra-SRS may elect to install and maintain portable sanitary comfort stations outside the building as necessary.

## 4.3 REQUIREMENTS

SFP remains the custodian of the facility and assumes the following responsibilities:

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- Conducts periodic visual inspections of the building to ensure there are no visible signs of degradation.
  - Maintains basic services to the building as outlined in the S&M Plan.
  - Maintains fire extinguishers, emergency lights and exit signs in corridors, stairwell areas, administrative wing and +15 training area.
  - Notification to Centerra-SRS of facility issues or evolutions that could impact training (i.e. foreign national or other tours, safety, IH concerns, military training, other outside agency training, operations evolutions.)
  - Install partitions in front of glass and instrumentation in the Control Room.
  - Door glass will be protected or removed and replaced with plywood.

Centerra-SRS at a minimum assumes responsibility for the following:

- Centerra-SRS will send out monthly emails notifying SRNS and DOE personnel on training that will occur in the next month in and around the 105-C.
- The SRSOC will make a PA announcement prior to the training day beginning
- The SRSOC will make a PA announcement when the training day has ended.
- No significant physical harm or alteration to the building structure or any equipment or materials as the building is under consideration as being of historical significance.
- Routinely clean (police brass and sweep) the +15 level of the building including trash removal.
- Will notify the Building Custodian to replace light bulbs in the training area(s).
- Install and remove training targets, frames, mats or other training equipment and building furnishings such as desks, chairs as required.
- Ensure that all procedures are followed, to include not entering areas that are marked by tape or roped off.
- Police all play areas for removal of brass or DMC cartridges.
- Centerra-SRS will be responsible for removing all barriers (signs or barricades) used to control access to the training area upon completion of the training day.
- Centerra-SRS EPD will monitor the building for lead levels.
- Replacement of pads at +15 elevation entry points.

#### 4.4 EXCEPTIONS

SFP and Centerra-SRS agree that the building is classified as inactive but not declared as excess. DOE-SR has not provided final guidance for the end-use of the building. Centerra-SRS agrees to utilize the building within the prescribed requirements to maintain a safe and clean structure but assumes no responsibilities for repairing or returning the building to a useable condition upon completion of use as a training facility. Additionally, Centerra-SRS assumes no responsibility for any historical environmental or radiological contamination discovered. Centerra-SRS does assume responsibility for general housekeeping (to include stains made by

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the colored soap in the DMC rounds); also any damages as a direct result of using equipment associated with the training exercises. Centerra-SRS agrees to utilize the outside training grounds within the prescribed requirements to maintain a safe work environment.

#### 4.5 REFERENCES

- C Area Entry Plan
- SFP Fire Protection Plan SFP-1
- 105-ME-001-C (Storage Tank Room Leak Alarm)

#### 5.0 INTERFACE CONTROL INFORMATION

This section is not applicable for this FSA. No equipment interface boundaries need to be determined.

#### 6.0 SERVICE COSTS

Service	Estimated Units
Periodic building and emergency lighting inspections and maintenance	Incidental

#### 7.0 INTERFACE CONTROL INFORMATION

N/A

## 8.0 POINTS OF CONTACT

Both parties shall assign single 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	Primary	Mike Ellis	SFP S&M Manager	7-6159
	Secondary	Nicholas Miller	Operations Manager	7-6091
	Alternate		L Area Shift Manager	7-6189/7-6195
Centerra-SRS	Primary	Martin Duff	Training Int. Manager	2-7360, C (803) 514-0014
	Alternate	James Padgett	Senior Instructor	2-8518, C (803) 507-3097

## 9.0 APPROVALS

 1/27/15

M. L. Gilles / Date  
Spent Fuel Area Project Manager  
Savannah River Nuclear Solutions, LLC

 2/26/2015

Lennie Upshaw / Date  
Deputy General Manager  
Centerra Group, LLC