

5.3 DOE Mission Essential Functions

DOE identified 14 MEFs that must continue to be performed during a continuity event. The essential functions were identified using a Business Process Analysis (BPA). SRS' BPA data sheets submitted to DOE-HQ completed the identification of its essential functions by establishing the functional processes, workflows, activities, personnel, systems, data, and facilities inherent to the execution of DOE functions that shall be performed under all conditions either uninterrupted, with minimum interruption, or resumed at an AOF during a continuity event.

The DOE-HQ MEFs performed and/or supported by SRS are summarized in Table 3. Refer to Appendix 8.1 for a detailed description of each MEF.

Table 3: Mission Essential Functions Performed by SRS

DOE-HQ MEF #	SRS Role
1. MEF#1—Nuclear Incident Response – Consequence Management (b) (7)(F) (supports PMEF #2)	<ul style="list-style-type: none"> Maintain and deploy DOE Region 3 Radiological Assistance Program (RAP) and Aerial Measuring System (AMS) resources Maintain and deploy the Mobile Plutonium Facility for rapid recovery of nuclear materials from a foreign weapons program
2. MEF# 2—Safeguards and Security of Special Nuclear Materials (material, weapons and devices) at DOE facilities and in transit (supports PMEF #1)	<ul style="list-style-type: none"> Provide protection of Special Nuclear Material (SNM) and vital facilities against unauthorized access, theft, diversion, loss or theft of classified matter or government property Provide safe shipments, receipts, and processing of SNM and other nuclear materials Provide safe shipments, receipts, and processing of SNM and other nuclear materials
3. MEF# 4—Nuclear Weapons Stockpile Stewardship (supports PMEF #1)	<ul style="list-style-type: none"> Provide the nation's only tritium supply for national defense
4. MEF# 7—Intelligence / Counterintelligence (supports PMEF #1, #2, and #3)	<ul style="list-style-type: none"> Provide threat analysis or assessment of threats from foreign intelligence collection and international terrorist activities tailored to the site
5. MEF# 8—Nonproliferation of Radioactive and Nuclear Materials (supports PMEF #1 and #2)	<ul style="list-style-type: none"> Provide Hazard Category 1 storage facility for interim safe storage of plutonium and highly enriched uranium, (b) (7)(F) and receipt of (b) (7)(F) nuclear material shipments Provide Hazard Category 2 storage facilities for receipt of (b) (7)(F) nuclear material shipments Provide science-based model development for remote sensing

5.4 Essential Supporting Activities

ESAs are the critical functions that support the continuation of SRS identified MEFs. The functions listed in Table 4 are identified as ESAs.

Table 4: SRS Essential Supporting Activities

SRS ESAs	
1	Continue Cyber Security program to ensure the integrity and availability of SRS information systems.
2	Ensure the availability of IT maintained applications and systems.
3	Support nuclear chemical separations to recover fissile material from site nuclear reactors and other domestic and foreign research reactors.
4	Support waste management and disposition of solid waste
5	Maintain Nuclear Material Control & Accountability Program to deter, detect, and respond to theft, loss, or diversion of nuclear materials
6	Maintain Emergency Services capabilities to monitor and respond to DOE operational emergencies.
7	Support Facility(s) Technical Safety Requirements and Structure, System and Component Design Features.
8	Provide base utilities and maintain SRS infrastructure.
9	Maintain Physical Security systems in nuclear facilities.
10	Maintain Atmospheric Technologies Center meteorological monitoring program.
11	Maintain limited lab functionality for SRNL Research & Development support of site environmental monitoring and regulatory compliance requirements.
12	Ensure the availability of Internal and External Dosimetry and Radiological Instruments.
13	Continue Environmental Monitoring for SRS facilities and operations.
14	Ensure adequate procurement, contracting, and delivery support is available for essential SRS activities.
15	Maintain command, control and direction during COOP emergencies.
16	Continue SRS Medical Operations (Medical and Pro Force Surveillances, HRP).
17	Maintain minimum facility required activities necessary for the safety of human life and the protection of property.
18	Provide essential financial management functions and services.
19	Maintain Personnel Security functions.
20	Operate and maintain biomass-fueled boiler facilities to generate electricity and steam.
21	Safely store and monitor waste storage tanks.
22	Safely temporarily store, process, and monitor highly radioactive waste.