



Safeguards, Security and Emergency Services Support

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SS&ES Mission

Develop, implement and maintain an integrated system for the protection against theft, diversion of classified and nuclear materials, government property, sabotage, espionage, and hostile acts adversely impacting national security, and to maintain a constant state of readiness in order to respond quickly and properly to protect the health and safety of employees, the public and the environment.



Background

- Management and Operating (M&O) Contractor provides safeguards, security and emergency services support to the entire site, including DOE Savannah River Operations Office, NNSA Savannah River Site Office and NNSA Fissile Material Disposition Office
- Protective Force Contractor provides guard services to the site



SS&ES Basis Documentation

- DOE Order 470.4, *Safeguards and Security Program*, and Associated Manuals (DOE M 470.4-1 thru 7)
- DOE Order 470.3A, *Design Basis Threat (DBT) Policy*
- DOE Order 151.1C, *Comprehensive Emergency Management System*
- DOE Order 420.1B, *Facility Safety*



SS&ES Level of Effort

- 1 Protected Area (Threat Level 1 Facility)
- 3 Limited Areas
- 9 Major Property Protection Areas
- 21 Material Balance Areas
- 3 Emergency Services/Fire Stations
- Savannah River Site Operations Center
- Emergency Operations Center
- 5,300 Q and 4,400 L Clearances



SS&ES Program Components

- Physical Security
- Material Control and Accountability
- Information Technology
- Computer and Information Security
- Personnel Security
- Emergency Management
- Fire Protection Services
- Fire Department
- Systems Engineering and Maintenance



Physical Security

- Vulnerability Assessments
- Site Safeguards and Security Plan
- Site Security Plans
- Joint Conflict and Tactical Simulation Laboratory
- Performance Assurance Program



Material Control and Accountability

- Program Management
- Material Control
- Material Accountability
- Facility Oversight
- International Safeguards
- Local Area Nuclear Material Accountability Software
- Nuclear Materials Management and Safeguards Software



Information Technology

- Telecommunications
 - Site Telephone System has 17,000 telephone lines and 7,800 voice mailboxes
- Data Networks
 - Network to 550 buildings with 18,000 attached devices
- Computing Services
 - 9,000 desktops; 4,000 Help Desk calls/month
 - 2 Computer Facilities; 1 mainframe, 320+ servers
 - Site email and Intranet/Internet



Computer and Information Security

- Classification
- Computer Security
- Classified Matter Protection and Control
- Export Control
- Technical Security
- Operations Security



Personnel Security

- Personnel Security
- Visitor Control/Badging
- Clearances/Homeland Security
Presidential Directive-12
- Human Reliability
Program/Investigations
- Security Awareness



Emergency Management

- Emergency Operations (Savannah River Site Operations Center and Emergency Operations Center)
- Emergency Preparedness
- Drills and Exercises/Offsite Interactions
- SRS Security and Fire Alarm System



Fire Department

- 3 Emergency Services/Fire Stations
- 3 First Out Trucks with Backup Truck
- 4 Ambulances
- 1 Ladder Truck
- 1 Heavy Rescue Truck
- 1 Hazmat Truck
- 1 Light Rescue Truck



Systems Engineering and Maintenance

- Safeguards and Security Engineering
- System Maintenance
- Software Support
- Lock and Key
- Site Hunts



Interfaces/Relationships

- Maintain effective relationships with other site contractors, subcontractors, external regulators, and others to maintain and improve SS&ES performance
- Work and coordinate with other site organizations and contractors to ensure site-wide SS&ES programs are consistently implemented
- Provide support to other Site contractors in such areas as site access, badges, training and personnel security services