



US Army Corps
of Engineers
Charleston District

Program Fact Sheet

Support to DOE and NNSA at Savannah River Site

Program Description and Location:

Savannah River Site (SRS) is an approximately 310-square mile site that is located 12 miles south of Aiken, South Carolina and is managed by the Department of Energy (DOE). It is bordered on the west by the Savannah River and Georgia and is close to several major cities, including Augusta and Savannah in Georgia and Columbia, Greenville, and Charleston in South Carolina. SRS is located in an area that local residents refer to as the Central Savannah River Area, or CSRA. Established in 1950 by the Atomic Energy Commission, initial construction at SRS began in the early 1950s to support the production of tritium and plutonium for our nation's defense programs and nuclear stockpile. Currently, the three primary DOE mission areas - nuclear weapons stockpile stewardship, nuclear materials stewardship, and environmental stewardship - are supported at SRS. Focus on these mission areas has led to continuing missions in tritium reprocessing and defense waste processing, as well as environmental remediation and waste clean-up efforts.

Program Current Status:

As of 14 Apr 2019 - Charleston District continues to support DOE at SRS through an Interagency Agreement (IA) that was executed in June 2010, which replaced an earlier agreement executed in August 1985 between the DOE Site Manager at SRS and the USACE Chief of Engineers. Charleston District supports DOE at SRS within two major categories of work - Project Management Services and Design/Construction Management Services. Under Project Management Services, Charleston District provides general project management services, cost estimating, economic studies, design reviews, value engineering studies, and construction surveillance. Under Construction Management Services, Charleston District provides design, procurement, and construction services. All design/construction projects have been facility and infrastructure related. Charleston District has also been able to support work at other DOE facilities nationwide on tasks assigned by DOE-HQ, utilizing other District and Laboratory resources through the "One Door to the Corps" policy.

Since 2004, Charleston District has also been providing project and construction management service support to the National Nuclear Security Administration (NNSA) at SRS. NNSA is a semi-autonomous agency within DOE that is responsible for enhancing national security through the military application of nuclear energy and non-proliferation of nuclear materials.

Charleston District is currently providing construction QA oversight and technical support to NNSA on the Mixed Oxide Fuel Fabrication (MOX) Facility project. With the termination of further construction of the MOX project, Charleston District continues to provide technical support to NNSA as construction close-out activities progress and a transition plan for repurposing the facility is developed and implemented.

With Savannah District Real Estate Division assistance, Charleston District continues to provide support to DOE-EM for realty and lease renewal actions to support off-site air and ground water monitoring equipment locations and on-site cell tower installations.

Charleston District also supports DOE-HQ through CERL for environmental auditing and other tasks directly scoped between DOE-HQ and CERL.

In FY18, Charleston District supported DOE-EM at SRS to execute a contract for replacement of swing arms at selected SRS entrance barricades. The contract was awarded in Nov 2017 and physically completed in Dec 2017. Charleston District also completed development of a cost estimate for design and construction of a drum storage facility at SRS. DOE is currently evaluating the estimate for further action.

In FY19, Charleston District supported DOE-EM at SRS to assess design and construction support capability for replacement of an Entrance Barricade and an on-site EOC/911 Call Center. DOE and Charleston District are currently develop a SOW and funding estimate for technical support to DOE to assist with development of the EOC/911 Call Center requirements documents. Charleston District also coordinated with Savannah District to develop a support



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cost estimate to provide an assessment and recommendations for the PAR Pond Dam at SRS. DOE has tasked and funded Charleston District, with Savannah District support, to complete the PAR Pond engineering analysis. DOE has also tasked and funded Charleston District to develop a conceptual design package, with alternatives, for the Entrance Barricade replacement.

Future Activities:

In FY19 and outyears, Charleston District will continue to support DOE and NNSA on Task Orders 1 and 2 projects assigned through the DOE-EM IA, including support for task assigned from NNSA.

Charleston District is forecasted to continue to provide project controls, construction QA and technical support to NNSA for the MOX project and its transition. Real Estate support through SAS-RE and environmental support through CERL will continue as specific tasks are assigned. DOE expects to assign the EOC design and construction to Charleston District in FY21 and FY22, pending funding availability. Further design and construction support for the PAR Pond Dam will depend on the results of the current engineering analysis. DOE expects to assign the Barricade Replacement design and construction to Charleston District in FY20 and FY21, pending funding availability.

Charleston District has access to a full range of engineering, procurement, construction, administrative, and advisory staff that are available to support DOE and NNSA in their efforts to support the current missions at SRS. The amount and nature of assigned work continues to vary over time.

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