

ENVIRONMENTAL IMPACT STATEMENTS (EISs) and ENVIRONMENTAL ASSESSMENTS (EAs)						
INVOLVING THE SAVANNAH RIVER SITE (SRS) JULY 2023						
Note: Items <u>underlined</u> are changes made since the previous report.						
EISs INVOLVING SRS						
Title, Document Number, Document Manager, point-of-contact (POC)	Jun-23	Jul-23	Aug-23	Sep-23	Milestones	Comments
Disposal of Decommissioned, Defueled USS ENTERPRISE (CVN 65) DOE/EIS-0524 Department of the Navy (DON): John C. Walker, Document Manager SR POCs: Tracy Williams, Environmental Compliance and Protection Division (ECPD); Bert Crapse, Nuclear Materials Program Division (NMPD) EM POC: Bill Ostrum, EM- 4.31	Environmental Protection Agency Notice of Availability 06/23; Final Environmental Impact Statement/ Overseas Environmental Impact Statement 06/23				Notice of Intent 05/19, Public Comment Period ended 07/19; Notice of Public Scoping Period Re-opening 08/20; Public Scoping Re-opening Closed 09/20; NOA 08/22; Draft EIS/OEIS 09/22; Virtual Public Hearings 09/22; Public Comment Period 10/22; EPA NOA 06/23; FEIS/OEIS 06/23	On June 30, 2023, the Department of the Navy (DoN) filed with the U. S. Environmental Protection Agency (USEPA) and made available to the public for a 30-day wait period its Final Environmental Impact Statement/Overseas Environmental Impact Statement for the Disposal of Decommissioned, Defueled Ex-Enterprise (CVN 65) and its Associated Naval Reactor Plants (Ex-Enterprise CVN 65 Draft EIS/OEIS; DOE/EIS-0524); the EPA Notice of Availability (NOA) was issued in the Federal Register, Volume 88, page 42360 (88 FR 42360). The DoN, along with the Department of Energy as a cooperating agency, has prepared this EIS/OEIS in accordance with the National Environmental Policy Act, as implemented by the Council on Environmental Quality Regulations and Navy regulations. This EIS/OEIS was also prepared to comply with Executive Order 12114, Environmental Effects Abroad of Major Federal Actions. The Action Proponent is Director, Naval Nuclear Propulsion Program. The Proposed Action is to dispose of ex-Enterprise (CVN 65), including its defueled naval reactor plants. Disposal includes dismantling and recycling the remnant hull sections at a government facility or through a contract with an authorized commercial facility in accordance with applicable federal, state, and local laws, and removing and packaging the reactor plants or components for transportation and disposal as low-level radioactive waste at an authorized radioactive waste disposal facility or facilities. This EIS/OEIS evaluates the potential environmental impacts associated with three action alternatives and the No Action Alternative. After the wait period, the Navy will select an alternative and issue a Record of Decision (ROD). The ROD will describe the public involvement and decision-making processes, present the Navy's decision, and commit the Navy to specific mitigation measures. The Record of Decision will be published in the Federal Register and made available to the public. The EPA NOA is available at <a href="https://www.carrierdisposaleis.com/NEPA">https://www.carrierdisposaleis.com/NEPA</a> ; the FINAL EIS/OEIS and related documents are posted at <a href="https://www.carrierdisposaleis.com/Documents/Project-Documents/2023-Final-EIS-OEIS">https://www.carrierdisposaleis.com/Documents/Project-Documents/2023-Final-EIS-OEIS</a>
Surplus Plutonium Disposition Program ( DOE/EIS-0549) Document Manager: Maxcine Maxted, NA-23 NEPA Compliance Officer: Lynn Alexander, NA-GC SR POC: Tracy Williams, ECPD EM POC: Bill Ostrum, EM-4.31					FR NOI 12/20; Virtual Public Scoping Meetings 01/21; Public Scoping Period Ended 02/21; EPA NOA 12/22; DOE NOA 12/22; DEIS 12/22; Public Hearings 01/23; Virtual Online Public Meeting 01/23; Public Comment Period Extension Announcement 02/23; Extended Public Comment Period Ended 03/23	On December 16, 2022, NNSA & EPA issued Notices of Availability (NOAs) in the Federal Register (FR) (DOE FRN:87 FR 77096; EPA FRN:87 FR 771206) announcing (1) the availability of a Draft Environmental Impact Statement for the Surplus Plutonium Disposition Program (SPDP DEIS) (DOE/EIS-0549) and (2) a 60-day public comment period ending February 14, 2023, and four public hearings to receive comments on the Draft EIS in compliance with the National Environmental Policy Act of 1969 (NEPA). NNSA prepared the Draft SPDP EIS to evaluate the potential environmental impacts of dispositioning 34 metric tons of surplus plutonium using capabilities at multiple sites across the Nation. NNSA's preferred alternative would implement a dilute and dispose strategy, which includes processing surplus plutonium to plutonium oxide, diluting it with an adulterant to inhibit plutonium recovery, and disposing the resulting contact-handled transuranic waste in the existing Waste Isolation Pilot Plant (WIPP) facility. The Draft SPDP EIS analyzes the preferred alternative including various sub-alternatives that would require capabilities at the Savannah River Site in South Carolina, Los Alamos National Laboratory in New Mexico, the Pantex Plant in Texas, the WIPP facility in New Mexico, and the Y-12 National Security Complex in Tennessee. The Draft SPDP EIS also analyzes a No Action Alternative. Three of the public hearings were held in-person at three locations and the fourth was an internet-based virtual public hearing. Notices were also published in local New Mexico and South Carolina newspapers in advance of the hearings. A change to the location of the LANL public hearing location was announced on this website: <a href="https://www.energy.gov/nnsa/nnsa-nepa-reading-room">https://www.energy.gov/nnsa/nnsa-nepa-reading-room</a> . The DOE FR NOA provided further details on submitting comments and dates/times for the four public hearings. The FR NOAs, Draft EIS, and additional information about public comment opportunities are posted at <a href="https://www.energy.gov/nepa/doeis-0549-surplus-plutonium-disposition-program">https://www.energy.gov/nepa/doeis-0549-surplus-plutonium-disposition-program</a> . NNSA and EPA announced on February 10, 2023, extending the public comment period for the SPDP DEIS for 30 additional days, to a total of 90 days. The DEIS public comment period ended on March 16, 2023. A copy of the comment extension announcement is posted at <a href="https://www.energy.gov/nepa/articles/doeis-0549-epa-notice-availability-amended-draft-environmental-impact-statement/">https://www.energy.gov/nepa/articles/doeis-0549-epa-notice-availability-amended-draft-environmental-impact-statement/</a> .

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EA for the South Carolina Army National Guard Proposal to Construct and Operate Training Facilities and Infrastructure on 750 Acres at the Department of Energy Savannah River Site DOE/EA-1999 SR POCs: James Fender, OAM, Acquisition Operations Division Tracy Williams, ECPD EM POC: Sunil Patel, EM-4.11					NOI 09/14	DOE-SR and the South Carolina Army National Guard (SCARNG) are preparing an EA to analyze the potential environmental impacts from the proposed construction and operation of training facilities and infrastructure by the SCARNG on approximately 750 acres at Savannah River Site (SRS). The proposed construction and operation of facilities and infrastructure, based on the draft SCARNG Master Plan, comprise two tracts of land on SRS, the approximately 470-acre B-Area site (Tract A) and the approximately 280-acre Gun Site 51 (Tract B). The draft EA is undergoing internal review. Issuance of the draft EA has been delayed due to additional requirements imposed on the SCARNG by their higher headquarters, National Guard Bureau (NGB). The SCARNG is presently working with NGB to address these requirements.
NEPA Determination for revised SRS Natural Resources Management Plan						DOE-SR prepared an EA in 1993 (DOE/EA-0826, Environmental Assessment - Natural Resources Management Activities at Savannah River Site) to analyze the potential environmental impacts of continued management of SRS natural resources. Based on the analyses in the EA, DOE-SR determined that the proposed action was not a major Federal action significantly affecting the human environment within the meaning of NEPA, and issued a Finding of No Significant Impact (FONSI). In 2000, DOE-SR issued a revised FONSI that determined implementation of a revised Red-Cockaded Woodpecker Management Plan would have impacts no greater than those described in the 1993 EA. In 2005, DOE-SR revised its Natural Resources Management Plan (NRMP) to update SRS's natural resources management goals and objectives at the site and to supersede the 1991 NRMP, and issued a revised FONSI that determined that implementation of the revised NRMP was bounded by the 1993 EA and did not constitute a major Federal action significantly affecting the human environment within the meaning of NEPA. DOE-SR is revising its 2005 NRMP to update SRS' natural resources management goals and to supersede its 2005 NRMP. Upon completion of the revised NRMP, DOE-SR will issue its determination as to whether implementation of the updated management goals and objectives would result in impacts greater than those described in the 1993 EA.
<u>Final</u> Environmental Assessment for the Commercial Disposal of Savannah River Site Contaminated Process Equipment DOE/EA-2154 Document Manager: James Joyce, Office of Waste and Materials Management, EM-4.2 SR POCs: Joel Maul, Waste Disposition Programs Division Tracy Williams, <u>ECPD</u> EM POC: Bill Ostrum, EM-4.31		<u>Final Environmental Assessment 07/23: Finding of No Significant Impact 07/23</u>			NOI 01/21; NOA 12/21; DEA 12/21; Public Informational Webinar 01/22; Public Comment Period Ended 02/22; <u>FEA 07/23; FONSI 07/23</u>	<u>On July 18, 2023, DOE issued a Final Environmental Assessment for the Commercial Disposal of Savannah River Site Contaminated Process Equipment (Final SRS Contaminated Process Equipment EA, DOE/EA-2154) and a Finding of No Significant Impact (FONSI) for the Final SRS Contaminated Process Equipment EA pursuant to the National Environmental Policy Act (NEPA). The EA evaluated the potential impacts from a proposed action to dispose of certain SRS contaminated process equipment at a commercial low-level radioactive waste (LLW) disposal facility outside of South Carolina, licensed by a U.S. Nuclear Regulatory Commission (NRC) Agreement State pursuant to NRC's regulations for land disposal of radioactive waste. The Final EA concluded that implementation of the proposed action would entail minor impacts and low risks and would not constitute a major Federal action significantly affecting the quality of the human environment in accordance with DOE's NEPA implementing procedures, 10 CFR part 1021, and the regulations promulgated by the CEQ for implementing NEPA, 40 CFR 1501.6. Therefore, the preparation of an environmental impact statement is not required. Based on the analysis in the Final EA, DOE intends to ship the contaminated process equipment to the Waste Control Specialists Federal Waste Facility, a licensed off-site commercial disposal facility located in Andrews County, Texas, for disposal. Updates will not appear in future monthly reports. Copies of the Final EA and Federal Register Notice (88 FR 46785) for the FONSI are available at <a href="https://www.energy.gov/nepa/doeea-2154-commercial-disposal-savannah-river-site-contaminated-process-equipment">https://www.energy.gov/nepa/doeea-2154-commercial-disposal-savannah-river-site-contaminated-process-equipment</a>.</u>

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<u>Supplement Analysis for the Connection of the K-Area to the Central Sanitary Wastewater Treatment Facility</u> <u>DOE/EA-0878-SA-1</u> <u>Document Manager: Tracy Williams, ECPD</u> <u>SR POC: Jeff Hynds, Infrastructure Operations Division,</u> <u>EM POC: Bill Ostrum, EM-4.31</u>	<u>Supplement Analysis 06/23</u>				<u>SA 06/23</u>	<u>On June 28, 2023, DOE issued the Supplement Analysis for the Connection of the K-Area to the Central Sanitary Wastewater Treatment Facility (CSWTF) (DOE/SEA-0878-SA-1) to evaluate the potential environmental impacts from the connection of K-Area to the CSWTF at the Savannah River Site (SRS) and closure of the existing K-Area Wastewater Treatment Plant (WTP). The K-Area WTP was originally installed in 1982 to process the sanitary waste from the area. The K-Area WTP has reached the end of its service life (designed for 30 years), is experiencing severe corrosion due to age and would require extensive repair or replacement. In September 1993, DOE issued the Final Environmental Assessment for the Centralization and Upgrading of the Sanitary Wastewater System at Savannah River Site (DOE/EA-0878) and Finding of No Significant Impact (FONSI), which addressed decommissioning of fourteen (14) sanitary wastewater facilities across SRS into a new CSWTF to be constructed in C-Area. At time of the issuance of the 1993 EA and FONSI, the existing K-Area WTP was not considered in the proposed sanitary system consolidation. DOE prepared the SA consistent with its National Environmental Policy Act (NEPA) implementing procedures to determine whether the existing EAs remains adequate or whether the proposed actions require DOE to prepare a new EA, revise the existing Finding of No Significant Impact (FONSI), or prepare an Environmental Impact Statement (EIS). The SA deemed the potential environmental impacts from the proposed action “de minimis” in nature, taking into account into and in comparison to the environmental impacts analyzed previously in the respective Final EAs. DOE concluded that the proposed actions described in DOE/EA-0878-SA-1 do not require a new EA, revised FONSI, or preparation of an EIS, and that no further NEPA documentation is required. Updates will not appear in future monthly reports. A copy of the SA is posted at <a href="https://www.energy.gov/sites/default/files/2023-07/DOE-EA-0878-SA-1_Supplement-Analysis-K2C-Sanitary-Wastewater-Connection_signed-6-28-2023_FINAL_APPROVED.pdf">https://www.energy.gov/sites/default/files/2023-07/DOE-EA-0878-SA-1_Supplement-Analysis-K2C-Sanitary-Wastewater-Connection_signed-6-28-2023_FINAL_APPROVED.pdf</a>.</u>
<u>Supplement Analysis for the Installation of a Domestic Water Line to the Central Sanitary Wastewater Treatment Facility</u> <u>DOE/EA-0943-SA-1</u> <u>Document Manager: Tracy Williams, ECPD</u> <u>SR POC: Jeff Hynds, Infrastructure Operations Division,</u> <u>EM POC: Bill Ostrum, EM-4.31</u>	<u>Supplement Analysis 06/23</u>				<u>SA 06/23</u>	<u>On June 28, 2023, DOE issued the Supplement Analysis for the Installation of a Domestic Water Line to the Central Sanitary Wastewater Treatment Facility (CSWTF) (DOE/EA-0943-SA-1) to evaluate the potential environmental impacts from the installation of a domestic water line to the CSWTF and removal of a groundwater well from use at the Savannah River Site (SRS). The existing domestic source for the CSWTF is an aged and corroded well. This condition is compromising the domestic water supply to the CSWTF. In June 1994, DOE issued the Final Environmental Assessment for the Domestic Water Supply Upgrades and Consolidation on Savannah River Site (DOE/EA-0943) and FONSI, which addressed consolidation and upgrades to the domestic water supply, construction of new domestic wastewater treatment facility in A-Area, and upgrades to the B-Area system as a back-up to the new A-Area system. DOE prepared the SA consistent with its National Environmental Policy Act (NEPA) implementing procedures to determine whether the existing EAs remains adequate or whether the proposed actions require DOE to prepare a new EA, revise the existing Finding of No Significant Impact (FONSI), or prepare an Environmental Impact Statement (EIS). The SA deemed the potential environmental impacts from the proposed action “de minimis” in nature, taking into account into and in comparison to the environmental impacts analyzed previously in the respective Final EAs. DOE concluded that the proposed actions described in DOE/EA-0943-SA-1 do not require a new EA, revised FONSI, or preparation of an EIS, and that no further NEPA documentation is required. Updates will not appear in futrue monthly reports. A copy of the SA is posted at <a href="https://www.energy.gov/sites/default/files/2023-07/DOE-EA-0943-SA-1_Supplement-Analysis-for-Domestic-Water-LIne-Installation-to-CSWTF_signed-6_28_2023_FINAL-APPROVED.pdf">https://www.energy.gov/sites/default/files/2023-07/DOE-EA-0943-SA-1_Supplement-Analysis-for-Domestic-Water-LIne-Installation-to-CSWTF_signed-6_28_2023_FINAL-APPROVED.pdf</a>.</u>
Questions and comments concerning this report can directed to the DOE-SR NEPA Mailbox, NEPA-SRS-EM@srs.gov						