



Office of Environmental Management

U.S. Department of Energy

Categorical Exclusion Determination Form

Proposed Action Title: Construction and Refurbishment of Existing/Abandoned Utility Service Lines for U.S. Government Entity Utilization

Program or Field Office: Savannah River Site

Location(s) (City/County/State): Aiken/Aiken County/South Carolina

Proposed Action Description:

The Department of Defense (DOD) would like to develop a High Voltage Electrical (HVE) training range on Savannah River Site (SRS) in collaboration with Savannah River National Laboratory (SRNL). The proposed range would be used to orient and train DOD individuals and teams on the skills necessary to conduct critical infrastructure protection and response actions to infrastructure disruption. The range would allow training of DOD personnel to understand the inherent vulnerabilities in commercially provided utilities, recognize the indicators of utility intrusions, identify the actions necessary to mitigate the effects of the intrusions, and to restore utility functions if/when they are affected. This range would provide a realistic scenario-based understanding of electrical power substation operations and control systems interfacing with higher level control and monitoring centers in a controlled field environment. This type of electrical infrastructure training is vital for DOD Military and Civilian Personnel charged with defending base critical infrastructure. As the control and management of public and commercial utilities become more and more automated, thus relying less on personnel on site, actions by foreign nations, adversary groups and lone-wolf actors are becoming more possible as a means to disrupt military installations and DOD critical facilities in the Continental United States (CONUS) and abroad. The training venue will provide realistic feedback for positive response to reinforce correct procedures and to foster operators and analysts confidence.

Categorical Exclusion(s) Applied:

B4.13 UPGRADING AND REBUILDING EXISTING POWERLINES

For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, including the full text of each categorical exclusion, see Subpart D of [10 CFR Part 1021](#).

Regulatory Requirements in 10 CFR 1021.410(b): (See full text in regulation)

☒ The proposal fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D. To fit within the classes of actions listed in 10 CFR Part 1021, Subpart D, Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities; (3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR Part 1021, Subpart D, Appendix B; (5) involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those listed in paragraph B(5) of 10 CFR Part 1021, Subpart D, Appendix B.

☒ There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.

☒ The proposal has not been segmented to meet the definition of a categorical exclusion. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1))* , is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

*In accordance with Executive Order 14154, effective April 11, 2025, CEQ has removed the regulations implementing NEPA (40 CFR 1500-1508). DOE will continue to comply with the National Environmental Policy Act (NEPA) of 1969, as amended, (42 U.S.C. §§ 4321 et seq.) and DOE's NEPA Implementing Procedures (10 CFR 1021).

Based on my review of the proposed action, I have determined that the proposed action fits within the specified class(es) of action, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.

NEPA Compliance Officer:

Date Determined: 10/17/2025

Comments: EEC No: WFO-G-2025-00003 Rev No: 0