



Office of Environmental Management

U.S. Department of Energy

Categorical Exclusion Determination Form

Proposed Action Title: Surplus Plutonium Disposition (SPD) Project N-Area Support Buildings

Program or Field Office: Savannah River Site

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

Proposed Action Description:

SPD-N-2024-00001, Rev 1:

The Surplus Plutonium Disposition Project is occurring in K-Area, but with limited available land available for use, support buildings are being added in N-Area to add more construction material storage capabilities. This EEC revises the scope of SPD-N-2024-00001, 0, which was a revision to NNSA-N-2024-00001. This EEC covers the updated scope for the construction and installation of one Level B fabric material storage warehouse, two Level C fabric material storage warehouses, prefabricated office trailer(s), gravel parking and utilities tie in within N-Area. These storage warehouses are commonly referred to as quonset huts. All structures are to support the SPD project based in K-Area. The Level B area is near the N-Area old scrap yard. The Level C area is across road 3 behind the driver's course.

EEC historical scope:

NNSA-N-2024-00001 Revision 0: With the evolving construction of the Surplus Plutonium Disposition (SPD) Project an existing Quonset hut (763-111N) will be removed, and a new fabric tension structure (Quonset hut) will be installed in N Area. The enlarged Quonset hut is needed to meet the warehouse and inventory demands. A mobile office structure and two new materials storage shelters to the west of existing Building 714-7N. This project will take place in phases.

Revision 1: Scope update. SPD-owned Quonset hut (763-111N) will no longer be removed.

Revision 2: Updated proposed activities to reflect current planned activities.

SPD-N-2024-00001, Rev 0: Updated from EEC NNSA-N-2024-00001 to change the prefix and to include the addition of 6 HVAC units for commodity control.

Categorical Exclusion(s) Applied:

B1.15 SUPPORT BUILDINGS

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: 07/07/2025

Comments: EEC No: SPD-N-2024-00001 Rev No: 1