



U.S. Department of Energy

Categorical Exclusion Determination Form

Submit by E-mail

Project Title: Deactivation of the 236-H Facility (Removal of Light Fixtures)

Program or Field Office: Savannah River Site

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

Proposed Action or Project Description:

This activity is for completing deactivation of the 236-H By-Product Facility. This facility includes the retired Burst Test Process, the He-3 Purification process and current storage area for He-3 cylinders. The purpose of deactivation is to reduce risk while providing a seamless transition from operations to a low-cost surveillance and maintenance mode. At the completion of deactivation, the facility will be in a "cold, dark, and dry" state. All contaminated equipment will have been removed and the only tritium contamination remaining will be on the south end interior floor/walls and in the facility exhaust duct. The deactivation will occur in three phases. Phase 1 will remove the process equipment which contains the bulk of the tritium. During phase 2 the facility piping will remain open to the air hood for an extended period time to ensure significant tritium will not be encountered by construction personnel during process equipment removal. The SAR will be modified during this period, as well as design and work packages prepared. During phase 3 the remaining contaminated process equipment and pipe will be removed and the remainder of the deactivation process completed including air-gapping electricity, fire suppression, and utilities.

Categorical Exclusion(s) Applied:

B1.28 - Placing a facility in an environmentally safe condition

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](#).

- There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.
- This 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 § 1021.211 concerning limitations on actions during preparation of an environmental impact statement.
- All of the conditions that are integral elements of the classes of actions in Appendix B to Subpart D of 10 CFR Part 1021 would be met. This proposal would not threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders; 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; 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; have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of Appendix B to Subpart D of 10 CFR Part 1021; 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.

Based on my review of information conveyed to me and in my possession (or attached) concerning the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1B), 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:

Jennifer J. Nelson

Date Determined: 01/06/2021

Comments: OBU-H-2013-0107, Rev. 6