



U.S. Department of Energy Categorical Exclusion Determination Form

Proposed Action Title: Laydown Yard Expansion Project – TJSO-SC-23-01

Program or Field Office: Thomas Jefferson Site Office

Location(s) (City/County/State): Newport News, VA

Proposed Action Description:

This project involves the expansion of the existing laydown yard located adjacent to Building 64 (Fabric Storage building) in the southeastern portion of the Continuous Electron Beam Accelerator Facility (CEBAF) at the Thomas Jefferson National Accelerator Facility (TJNAF) in Newport News, Virginia. The expansion would include a total land disturbance of 4.64-acres on previously developed land and undeveloped wooded areas located within the project footprint. The purpose of the project is to provide additional storage space for onsite machinery, equipment and supplies similar to the current activities in the Central Material Storage Area (CMSA) onsite. The project will also include minor improvements to the existing East Pond located adjacent to Hall D, in order to accommodate stormwater management requirements for the project site drainage.

There would be minor impacts to the environment associated with the project that will occur on previously developed land at the facility. Proposed impacts include land disturbance activities associated with the laydown yard expansion and the minor generation of solid waste. Land disturbance activities will be mitigated through compliance with the requirements of the Virginia Erosion and Sediment Control regulations and an approved stormwater permit issued by the Virginia Department of Environmental Quality (DEQ). All waste generated from the project will be properly disposed of at a licensed solid waste disposal facility or Transport, Storage, and Disposal Facility as required by applicable State and Federal waste management regulations.

Cultural Resources and Historic Preservation was addressed through coordination with the Virginia Department of Historic Resources (VADHR) as referenced in DOE/EA-1384 (*Proposed Improvements at the Thomas Jefferson National Accelerator Facility*). DOE was advised by the VADHR that their archives indicated no recorded architectural or archaeological activities within or adjacent to the property and no adverse impacts to archaeological and historic resources would be expected from improvements at the TJNAF. An additional review of the VADHR online archives indicated that no known historic resources are present onsite.

The proposed action was screened for potential impacts to any threatened/endangered species or protected habitat that included the Northern Long-eared Bat (NLEB). Through additional coordination with the U.S. Fish and Wildlife Service (FWS) for the project, it was determined that suitable habitat for the NLEB did not exist onsite and therefore, no impacts were anticipated.

The proposed action will require impacts to approximately 0.4-acres of wetland located within the project footprint. All wetland impacts will be mitigated through wetland permitting requirements issued from DEQ and the U.S. Army Corps of Engineers. The proposed action would not be part of an ongoing Environmental Assessment or Environmental Impact Statement. The proposed action would not be related to any extraordinary circumstances or other actions with potentially significant impacts.

Categorical Exclusion(s) Applied:

B1.15 - Support buildings
B1.31 - Installation or relocation of machinery and equipment
B1.33 - Stormwater runoff control

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.

The above description accurately describes the proposed action, which reflects the requirements of the CX cited above. Therefore, I recommend that the proposed action be categorically excluded from further NEPA review and documentation.

TJSO Federal Project Manager: Bryan Foley

Date Determined:

TJSO NEPA Coordinator: David Campbell

Date Determined: 29NOV2023

Based on my review of 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: Peter Siebach

Date Determined: