



U.S. Department of Energy

Categorical Exclusion Determination Form

Proposed Action Title: Critical Utilities Infrastructure Revitalization Project SS-SC-21-01

Program or Field Office: SLAC Site Office

Location(s) (City/County/State): Menlo Park, California

Proposed Action Description:

The Critical Utilities Infrastructure Revitalization (CUIR) project will provide reliable, efficient, and sustainable utility systems to support the ongoing and future scientific research. The CUIR will revitalize mission-ready infrastructure utility systems for redundancy, resiliency, and protection from climate events in support of scientific discovery and foster safe, reliable, operational, and environmentally sustainable operations.

The scope of work entails upgrades to the sanitary, storm, and domestic water systems. The project will also include a reconfiguration of the Master Substation (MSS) to provide redundancy in SLAC's primary electrical distribution system. The reconfiguration includes removal of out of service equipment, installation of new transformers, repurposing of Building 112 to a switch house, and the construction of a support building. The new support building will be an extension of the existing Building 016 with similar dimensions. Building 016 is adjacent to Building 002, on the southside of the Gallery. DOE has determined that there is no potential to affect a historic property for this project and therefore does not require an evaluation under Section 106 of the National Historic Preservation Act.

The potential impacts to the environment include stormwater, construction debris, and noise. Best management practices will be implemented to prevent any impact to the environment. These would include implementing storm drain protections, proper material handling, and spill prevention measures. Construction debris will be removed on a regular basis and hearing protection will be utilized as necessary.

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.

I concur that the above description accurately describes the proposed action.

BASO Program Point of Contact: Jesse Saldivar III

Date: 5/24/2021

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.

SSO NEPA Coordinator: Marie L. Heard *Marie L. Heard*

Date: 05/24/2021

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.

Oak Ridge NEPA Compliance Officer: *Katatra Vasquez*
Katatra Vasquez

05/24/2021
Date Determined: