



U.S. Department of Energy Categorical Exclusion Determination Form

Proposed Action Title: Large Scale Collaboration Center (LSCC) SS-SC-19-01

Program or Field Office: Bay Area Site Office (BASO)

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

Proposed Action Description:

The preliminary scope of the project includes the design, construction, and start-up of a facility of 38,000 to 45,000 GSF in a two to three story collaborative office building; demolition of the existing adjacent trailers that occupy the surrounding area may also be included within this project.

The objective of the proposed LSCC project is to provide sufficient space in one new building to allow the collaboration of SLAC science and computing/machine teaching staff, to ensure they are suitable for lab-wide support groups with shared interests and mission objectives. This building shall be a modern, energy efficient, suitable, and collaborative facility. The proposed project shall upgrade current working conditions for the laboratory staff and users which supports the laboratory vision of a unified culture with a strong sense of community between all laboratory scientific users and computing/machine learning support functions.

The project location is centrally located in a portion of the campus area that has previously been disturbed by grading and construction activities. The SLAC site has been subject to several field reconnaissance surveys by Stanford University archaeological teams. There are no documented sacred sites or archeological deposits located on the project site based on Stanford University's draft archaeological survey report. No endangered or sensitive species or resources have been identified on the project site. No bird nesting has been observed. A Section 106 report was prepared and submitted to the State Office of Historic Preservation for the removal of the trailers. The state concurred with the DOE's determination of a Finding of No Adverse Effect.

The potential impacts to the environment include stormwater, construction debris, and noise. Best management practices will be implemented to minimize any impact to the environment. For stormwater, fabric will be temporarily installed at each catch basin of the project site. All demolition debris will be placed in bins daily. And if necessary, all workers will wear hearing protection in case noise is generated.

Categorical Exclusion(s) Applied:

B1.15 - Support buildings

B1.23 – Demolition and subsequent disposal of buildings, equipment, and support structures

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: Signature on File
date.

Date: Click here to enter a

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.

BASO NEPA Coordinator: Signature on File

Date:

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: Signature on File
here to enter a date.

Date Determined: Click