

**U.S. Department of Energy
Naval Reactors Laboratory Field Office**

Knolls Laboratory

National Environmental Policy Act (NEPA) Categorical Exclusion (CX)
Determination Summary Form

KNOLLS LABORATORY Z11 REPLACEMENT BUILDING PROJECT

REFERENCE

10 CFR Part 1021, Department of Energy National Environmental Policy Act
Implementing Procedures, Subpart D, Typical Classes of Actions

PROJECT SCOPE DISCUSSION

The scope of the Knolls Laboratory Z11 Replacement Building Project covers the demolition of the existing structure (Building Z11), and the design and construction of a new facility (Building Z17) that will provide locker-room accommodations for Knolls Laboratory employees. The current Building Z11 is a 28 year old, 900 square foot trailer located at the Knolls Laboratory in Niskayuna, New York.

Building Z17 will be an approximate 900 square foot trailer facility located on the same general footprint as Building Z11, and will provide male and female changing rooms. Building Z17 will include a vestibule inside the main entrance which will separate male and female areas.

The project does not violate applicable regulatory requirements, require construction or major expansion of waste handling facilities, result in unpermitted releases of hazardous substances, or adversely affect historical properties, or other environmentally sensitive resources, including wetlands. The project does not involve genetically engineered organisms or species. There are no extraordinary circumstances related to the proposed action. The project has not been segmented to meet the definition of a categorical exclusion and is not connected to other actions with potentially significant and/or cumulative impacts.

CONCLUSION

The Z11 Replacement Building Project meets the requirements to be categorical excluded (CX) from additional NEPA documentation under 10 CFR Part 1021, Subpart D, Appendix B, B1.15, B1.23, and B2.1. Specifically, the categorical exclusions that apply are as follows:

B1.15 Support buildings

Siting, construction or modification, and operation of support buildings and support structures (including, but not limited to, trailers and prefabricated and modular buildings) within or contiguous to an already developed area (where active utilities and currently used roads are readily accessible). Covered support buildings and structures include, but are not limited to, those for office purposes; parking; cafeteria services; education and training; visitor reception; computer and data processing services; health services or recreation activities; routine maintenance activities; storage of supplies and equipment for administrative services and routine maintenance activities; security (such as security posts); fire protection; small-scale fabrication (such as machine shop activities), assembly, and testing of non-nuclear equipment or components; and similar support purposes, but exclude facilities for nuclear weapons activities and waste storage activities, such as activities covered in B1.10, B1.29, B1.35, B2.6, B6.2, B6.4, B6.5, B6.6, and B6.10 of this appendix.

B1.23 Demolition and disposal of buildings

Demolition and subsequent disposal of buildings, equipment, and support structures (including, but not limited to, smoke stacks and parking lot surfaces), provided that there would be no potential for release of substances at a level, or in a form, that could pose a threat to public health or the environment.

B2.1 Workplace enhancements

Modifications within or contiguous to an existing structure, in a previously disturbed or developed area, to enhance workplace habitability (including, but not limited to, installation or improvements to lighting, radiation shielding, or heating/ventilating/air conditioning and its instrumentation, and noise reduction).

NRLFO Approval: 
D.A. Delwiche

Date: 11-27-17
CX Determination Date