

**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 COMPONENT FABRICATION FACILITY AND  
OPEN STORAGE ANNEX PROJECT**

**REFERENCES**

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

**PROJECT SCOPE DISCUSSION**

The scope of the Knolls Laboratory Component Fabrication Facility and Open Storage Annex (CFF-OSA) Project covers the design, construction and commissioning of a facility to complete the final phase of consolidating all the operations of Materials Manufacturing into a single Fabrication and Assembly Technology Center at the Knolls Laboratory in Niskayuna, New York.

A new facility (Building T2) will be constructed on the west side of Building T1. Building T2 will be constructed to provide 2,145 square feet of floor / shop space, and a connecting corridor between Buildings T2 and T1. In addition to the structure, the following utilities will be included; domestic water, fire alarm and suppression system, electrical power, compressed air, and HVAC systems. The new building will meet the open storage area security requirements for thermal hydraulic assembly areas.

Once completed the CFF-OSA Project will complete the consolidation of all operations under Materials Manufacturing into a single building.

The project does not violate applicable regulatory requirements, require construction or major expansion of waste handling facilities, result in unpermitted releases of hazardous substances, adversely affect historical properties, or 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 CFF-OSA Project meets the requirements to be categorically excluded (CX) from additional NEPA documentation under 10 CFR 1021 Subpart D, Appendix B, B1.15 and B2.2. 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.

### *B2.2 Building and equipment instrumentation*

Installation of, or improvements to, building and equipment instrumentation (including, but not limited to, remote control panels, remote monitoring capability, alarm and surveillance systems, control systems to provide automatic shutdown, fire detection and protection systems, water consumption monitors and flow control systems, announcement and emergency warning systems, criticality and radiation monitors and alarms, and safeguards and security equipment).

NRLFO Approval:   
D. A. Delwiche

Date: 9-7-17  
CX Determination Date