

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

Naval Reactors Facility

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

Site Services Equipment Building Project

REFERENCE

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

PROJECT SCOPE DISCUSSION

The Site Services Equipment Building (SSEB) at Naval Reactors Facility (NRF) will be an approximately 10,000 square foot structure with no heat or utilities (e.g., water or sanitary sewer). The scope of the SSEB project includes siting, construction and operation of a new fully enclosed storage building that will provide sufficient area for Site Services' maintenance equipment and also meet the future equipment storage needs for NRF. Site characterization (e.g. sampling soil for radiological constituents) and site preparation (e.g., demolition of existing support structures) are also included in the scope. Specifically, the scope will include characterization of certain soils for radiological constituents and other contaminants; removal of abandoned storm drain piping, active storm drain piping, existing fire distribution piping, asphalt, public address system conductors, carrier wires, speakers and power poles; excavation; installation of new storm drains and new fire distribution piping; asphalt replacement; installation of a fire alarm system and electrical system for lighting and receptacles; and construction of the new building. No mechanical equipment will be installed in the SSEB.

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 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 SSEB project is categorically excluded from additional NEPA documentation under 10 CFR 1021 Subpart D, Appendix B, CX B1.15, CX B1.23, and CX B3.1. Specifically, the CXs that apply are the following:

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.

B3.1 Site characterization and environmental monitoring

Site characterization and environmental monitoring (including, but not limited to, siting, construction, modification, operation, and dismantlement and removal or otherwise proper closure (such as of a well) of characterization and monitoring devices, and siting, construction, and associated operation of a small-scale laboratory building or renovation of a room in an existing building for sample analysis). Such activities would be designed in conformance with applicable requirements and use best management practices to limit the potential effects of any resultant ground disturbance. Covered activities include, but are not limited to, site characterization and environmental monitoring under CERCLA and RCRA. (This class of actions excludes activities in aquatic environments. See B3.16 of this appendix for such activities.) Specific activities include, but are not limited to:

- (a) Geological, geophysical (such as gravity, magnetic, electrical, seismic, radar, and temperature gradient), geochemical, and engineering surveys and mapping, and the establishment of survey marks. Seismic techniques would not include large-scale reflection or refraction testing;
- (b) Installation and operation of field instruments (such as stream-gauging stations or flow-measuring devices, telemetry systems, geochemical monitoring tools, and geophysical exploration tools);
- (c) Drilling of wells for sampling or monitoring of groundwater or the vadose (unsaturated) zone, well logging, and installation of water-level recording devices in wells;
- (d) Aquifer and underground reservoir response testing;
- (e) Installation and operation of ambient air monitoring equipment;
- (f) Sampling and characterization of water, soil, rock, or contaminants (such as drilling using truck- or mobile-scale equipment, and modification, use, and plugging of boreholes);
- (g) Sampling and characterization of water effluents, air emissions, or solid waste streams;
- (h) Installation and operation of meteorological towers and associated activities (such as assessment of potential wind energy resources);
- (i) Sampling of flora or fauna; and
- (j) Archeological, historic, and cultural resource identification in compliance with 36 CFR part 800 and 43 CFR part 7.

NRLFO Approval: _____

Christopher M. Henvit

C. M. Henvit

Date: _____

1/12/2017

CX Determination Date