

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

Kesselring Site

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

S8G REFUELING OVERHAUL INFRASTRUCTURE 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 S8G ROH Infrastructure Project includes installation of a pre-assembled self-contained building that will house a diesel powered water pump, diesel fuel storage tank, and other associated equipment that will be used to support fire protection needs for future facilities. The project modifies existing site service water piping to supply the fire pump, and installation of an electrical duct bank to provide electricity to the building and fire pump controls/alarm panel. The project also upgrades an existing electrical load and distribution center to support periodic maintenance work and to increase reliability of the electrical system.

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 actions. 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 S8G Refueling Overhaul Infrastructure Project is categorically excluded from additional NEPA documentation under 10 CFR 1021 Subpart D, Appendix B, B1.15, B4.6 and B4.11.

Specifically, the categorical exclusions that apply are:

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.

B4.6 Additions and modifications to transmission facilities

Additions or modifications to electric power transmission facilities within a previously disturbed or developed facility area. Covered activities include, but are not limited to, switchyard rock grounding upgrades, secondary containment projects, paving projects, seismic upgrading, tower modifications, load shaping projects (such as the installation and use of flywheels and battery arrays), changing insulators, and replacement of poles, circuit breakers, conductors, transformers, and crossarms.

B4.11 Electric power substation and interconnection facilities

Construction or modification of electric power substations or interconnection facilities (including, but not limited to, switching stations and support facilities).

NRRO Approval:  Date: 7/1/2014
M. J. Dooley CX Determination Date