

**U.S. Department of Energy
Naval Reactors Representative's Office**

Kesselring Site

National Environmental Policy Act (NEPA) Categorical Exclusion (CX)
Determination Summary Form
**WEATHER RESISTANT ENCLOSURE PROJECT (WRE) INCLUDING THE WRE
GRADE BEAM**

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 Kesselring Site Weather Resistant Enclosure (WRE) Grade Beam consists of constructing four of six grade-beams required prior to the erection of the WRE. The longer grade-beams will be 31' long by 6' wide and 3' deep and the shorter grade-beams will be 16' long by 6' wide and 2' deep. The grade beams will be made to act integrally with the existing foundations by drilling and doweling the grade-beam reinforcement into the existing foundations. The WRE will be a localized Weather Resistant Enclosure that provides weather degradation mitigation for the hull. The structure will help to mitigate some of the most significant problems that are caused by weather exposure such as 1) water infiltration which causes corrosion and wiring deficiencies, and 2) wetted insulation which leads to corrosion of the structure and the potential violation of thermal design requirements


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 Kesselring Site Weather Resistant Enclosure and WRE Grade Beam Project is categorically excluded from additional NEPA documentation under 10 CFR 1021 Subpart D, Appendix B, B1.15. Specifically, the categorical exclusion that applies is:

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.

NRRO Approval:  Date: 19 APR 2018
H. S. Miller CX Determination Date