

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

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

KS MARF CRANE PAD 72 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 this project includes the removal of the existing 40'x40'x9" thick concrete pad, the construction of approximately a 50'x50'x4' thick concrete crane pad appropriate for frost protection and installation of a crane boom cradle to properly stow the crane boom during maintenance or wind events. The existing pad was built in the mid 1970's, is significantly degraded, and will not support planned defueling loads in its current condition. Repair of the current pad is not feasible based on its severely degraded condition. This project does not incorporate (nor necessitate) upgrades or modifications to other systems or facilities, and the scope is limited to the crane pad and a boom cradle to be located on the hillside south of MARF that does not include any utility services.

The MARF Crane Pad 72 project also involves the items described below:

- (1) Installation of conduit and ground loop to support crane power and grounding requirements for future construction projects, (i.e. High Yard 30 project and installation of an M-140 building).
- (2) The removal of abandoned utilities and reroute of existing in-service utilities as needed in pad area.

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 MARF Crane Pad 72 project is categorically excluded from additional NEPA documentation under 10 CFR Subpart D, Appendix B, CX's B1.15, B1.23, and B1.31. Specifically, the categorical exclusions 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.

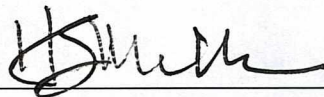
B1.23 Demolition and Disposal of Buildings

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.

B1.31 Installation or relocation of machinery and equipment

Installation or relocation and operation of machinery and equipment (including, but not limited to, laboratory equipment, electronic hardware, manufacturing machinery, maintenance equipment, and health and safety equipment), provided that uses of the installed or relocated items are consistent with the general missions of the receiving structure. Covered actions include modifications to an existing building, within or contiguous to a previously disturbed or developed area, that are necessary for equipment installation and relocation. Such modifications would not appreciably increase the footprint or height of the existing building or have the potential to cause significant changes to the type and magnitude of environmental impacts.

NRRO Approval:



H. S. Miller

Date:

10 FEB 2021

CX Determination Date