

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

**Kesselring Site**

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

**S8G COOLING TOWER REPLACEMENT 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 Cooling Tower Replacement Project consists of: (1) Design of the replacement cooling tower; (2) Demolition of the current S8G Cooling Tower; (3) Construction of a replacement cooling tower on the existing basin; and (4) Replacement of cooling tower controls, fire detection, electrical systems, cooling tower bypass valve, and the Cooling Tower Equipment Shed.

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 S8G Cooling Tower Replacement project is categorically excluded from additional NEPA documentation under 10 CFR 1021 Subpart D, Appendix B, B1.15, B1.16, B1.23, and B1.34. 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.

B1.16 Asbestos Removal

Removal of asbestos-containing materials from buildings in accordance with applicable requirements (such as 40 CFR part 61, "National Emission Standards for Hazardous Air Pollutants"; 40 CFR part 763, "Asbestos"; 29 CFR part 1910, subpart I, "Personal Protective Equipment"; and 29 CFR part 1926, "Safety and Health Regulations for Construction"; and appropriate state and local requirements, including certification of removal contractors and technicians).

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.

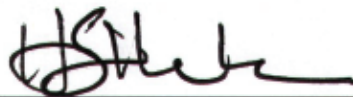
B1.34 Lead-based Paint Containment, Removal, and Disposal

Containment, removal, and disposal of lead-based paint in accordance with applicable requirements (such as provisions relating to the certification of removal contractors and technicians at 40 CFR part 745, "Lead-Based Paint Poisoning Prevention in Certain Residential Structures").

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).

NRRO Approval:



H. S. Miller

Date:



CX Determination Date