

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

**Bettis Atomic Power Laboratory**

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

**Upgrade to the Environmental Mechanical Test Facility (EMTF)  
Infrastructure Project**

**REFERENCE**

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

**PROJECT SCOPE**

The scope of the Upgrade to the Environmental Mechanical Test Facility (EMTF) Infrastructure project is to refurbish a portion of the facility containing seventeen Primary Plant Corrosion Testing (PPCT) test stations. Improvements to the utilities are proposed as well as upgrades to the test stations consisting of an autoclave, chemistry makeup loop, and servo-hydraulic active load control. The proposed upgrade will remove all supporting utilities, remediate asbestos containing floor tile and mastic, and demolish a shield wall that is no longer required. Following demolition and remediation, a free-standing mezzanine, all new utilities, and upgraded test stations will be installed.

The proposed project area is not in close proximity to streams, wetland areas, critical areas, or archaeological sites. 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. It also 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 Upgrade to the EMTF Infrastructure project is categorically excluded from additional NEPA documentation under 10 CFR 1021 Subpart D, Appendix B, CX B1.16, B1.23, and B1.31. Specifically, the categorical exclusions that apply are the following:

**B1.16 Asbestos Removal**

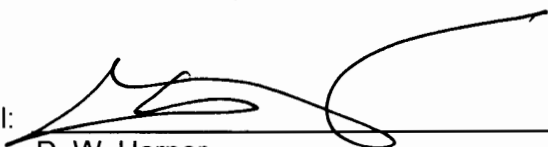
Removal of asbestos-containing materials from buildings in accordance with applicable requirements (such as 40 CFR part 61, "National Emission Standards for Hazardous Air Pollutants"; 40 CFR part 763, "Asbestos"; 29 CFR part 1910, subpart I, "Personal Protective Equipment"; and 29 CFR part 1926, "Safety 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.

B1.31 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.

NRLFO Approval:  Date: 9/27/2019  
D. W. Harper CX Determination Date