

**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

Bettis Laboratory North Campus Stormwater Project

REFERENCE

10 CFR Part 1021, Department of Energy National Environmental Policy Act Implementing Procedures, Appendix B, Categorical Exclusions Applicable to Specific Agency Actions

PROJECT SCOPE DISCUSSION

The scope of the Bettis Laboratory North Campus Stormwater Project is to support the existing stormwater utility servicing the North Campus area which has met the system's service life. This North Campus stormwater network currently discharges into the Outfall 008 detention basin. With the previous demolition of the CAM Buildings, the upcoming demolition of the CX Building, and the grading proposed as part of the North Campus Conceptual Development plan, the existing storm infrastructure will need to be replaced during the future development of the North Campus.

The proposed North Campus Stormwater Project includes a new storm trunk line that will connect existing storm conveyance facilities to storm structures that were recently installed as part of the National Pollutant Discharge Elimination System (NPDES) Outfall 008 detention basin project. The proposed alignment of the main storm sewer trunk line will be in an area that is currently designed to receive fill material to raise the elevation of the parking area. The new stormwater infrastructure will be designed so that it will be functional with both the existing and proposed grading conditions.

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 Bettis Laboratory North Campus Stormwater Project is categorically excluded from additional NEPA documentation under 10 CFR 1021 Appendix B, B1.15, B1.27, B1.33, and B5.2. 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.

B1.27 Disconnection of utilities

Activities that are required for the disconnection of utility services (including, but not limited to, water, steam, telecommunications, and electrical power) after it has been determined that the continued operation of these systems is not needed for safety.

B1.33 Stormwater runoff control

Design, construction, and operation of control practices to reduce stormwater runoff and maintain natural hydrology. Activities include, but are not limited to, those that reduce impervious surfaces (such as vegetative practices and use of porous pavements), best management practices (such as silt fences, straw wattles, and fiber rolls), and use of green infrastructure or other low impact development practices (such as cisterns and green roofs).

B5.2 Modifications to pumps and piping

Modifications to existing pump and piping configurations (including, but not limited to, manifolds, metering systems, and other instrumentation on such configurations conveying materials such as air, brine, carbon dioxide, geothermal system fluids, hydrogen gas, natural gas, nitrogen gas, oil, produced water, steam, and water). Covered modifications would not have the potential to cause significant changes to design process flow rates or permitted air emissions.

NRLFO Approval:



M. A. Patton, NEPA
Compliance Officer

Date: 7/31/2026

CX Determination Date