

**U.S. Department Of Energy
Naval Reactors Laboratory Field Office
Kesselring Site
National Environmental Policy Act (NEPA) Categorical Exclusion (CX)
Determination Summary Form**

Compressed Air System Replacement

PROJECT SCOPE DISCUSSION

The scope of the Compressed Air System Replacement project includes renovation of open space within existing Building 8 to allow for the installation of a new Compressed Air System consisting of redundant air compressors, receivers, dryer/filter system, condensate handling and associated controls package. The project includes tie-in of the new compressed air source to the existing site compressed air system, and tie-in of the control system(s) to the local area network to provide remote operational control and monitoring capabilities. The project includes removal of the existing compressed air source and associated equipment in Building 19.

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 Compressed Air System Replacement project is categorically excluded from additional NEPA documentation under 10 CFR1021 Subpart D, Appendix B, CX B1.31 and CX B2.2. Specifically, the categorical exclusions that apply are the following:

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.

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).

NRLFO Approval:



NRLFO NEPA Compliance Officer

Date:



CX Determination Date