

**DOE-ID NEPA CX DETERMINATION  
Idaho National Laboratory**

**SECTION A. Project Title:** CPP-1674 Basement Remodel

**SECTION B. Project Description and Purpose:**

The objective of this work is to remodel the existing INTEC CAS CPP-1674 with updated security CAS equipment and consoles. This will include removing existing CAS system and relocating the systems for the CAS operators to continue to perform their job, without interruption to several locations. Subcontractors will remove the existing raised floor and install new raised floor panels on the existing stanchions. A wall will be constructed around the existing cooling unit and the thermostat will be relocated. The existing floor drain will be connected to a new sump pump and connected to the existing drain system that is currently in place. Subcontractors will paint and patch the existing area and install sound panels on the walls. This work will be performed at INTEC, located at Idaho National Laboratory (INL). The current cost estimate is \$1.25M.

**SECTION C. Environmental Aspects or Potential Sources of Impact:**

**Air Emissions**

The drywall has not been tested for ACM and could potentially contain asbestos.

**Discharging to Surface-, Storm-, or Ground Water**

N/A

**Disturbing Cultural or Biological Resources**

N/A

**Generating and Managing Waste**

General non-hazardous construction debris such as wood, plastic, drywall, cardboard, packaging material, scrap metal, RCRA empty containers, paint brushes/rollers, etc. will be generated during the project. Hazardous waste is not expected but could be potentially generated from solvents, adhesives or electronic waste.

**Releasing Contaminants**

Typical construction chemicals such as fuels, lubricants, paints, adhesives, caulks, etc. will be used during the project. Spills from these chemicals could occur.

**Using, Reusing, and Conserving Natural Resources**

Existing CAS equipment that is removed/replaced will be excessed if possible and scrap metal will be recycled to the extent practicable.

**SECTION D. Determine Recommended Level of Environmental Review, Identify Reference(s), and State Justification:** Identify the applicable categorical exclusion from 10 Code of Federal Regulation (CFR) 1021, Appendix B, give the appropriate justification, and the approval date.

For Categorical Exclusions (CXs), the proposed action must not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environmental, safety, and health, or similar requirements of Department of Energy (DOE) or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment or facilities; (3) disturb hazardous substances, pollutants, contaminants, or Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources (see 10 CFR 1021). In addition, no extraordinary circumstances related to the proposal exist that would affect the significance of the action. In addition, the action is not "connected" to other action actions (40 CFR 1508.25(a)(1) and is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1608.27(b)(7)).

**References:** 10 CFR 1021, Appendix B, B2.1 "Workplace enhancements." and B2.2 "Building and equipment instrumentation"

**Justification:** The project activities in this ECP are consistent with B2.1 "Modifications within or contiguous to an existing structure, in a previously disturbed or developed area, to enhance workplace habitability (including, but not limited to, installation or improvements to lighting, radiation shielding, or heating/ventilating/air conditioning and its instrumentation, and noise reduction)." and, B2.2 "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)."

Is the project funded by the American Recovery and Reinvestment Act of 2009 (Recovery Act)       Yes     No

Approved by Jason Sturm, DOE-ID NEPA Compliance Officer on: 07/21/2020