

DOE-ID NEPA CX DETERMINATION

Idaho National Laboratory

SECTION A. Project Title: 2018 Campus Improvement Projects at the Advanced Test Reactor (ATR) Complex

SECTION B. Project Description and Purpose:

Various facilities at Idaho National Laboratory's (INL's) Advanced Test Reactor (ATR) Complex have dated interiors and other facility components that need to be upgraded, repaired, or replaced. The purpose of the ATR Complex Campus Improvement Projects is to improve facility appearance and enhance the workplace environment. The proposed action would remodel conference rooms, offices, shops, breakrooms, and bathrooms and would include the following actions:

- Replace light fixtures and carpet
- Install new wall finish, tile, carpet, and paint
- Update and install audio and visual equipment
- Install cable, conduit, and electrical outlets for computer work stations
- Replace windows and doors
- Reconfigure heating, ventilation, and air conditioning (HVAC) ductwork
- Repair a limited number of cracked or broken individual components of sidewalks to slow or halt deterioration caused from normal conditions. This type of work may occur in multiple units or at multiple buildings, but this environmental checklist (EC) does not cover extensive repairs, replacement, or construction of walkways.

The proposed activities would be funded through fiscal year 2018 and do not include changes to laboratory spaces; research and development activities; or installation or relocation of laboratory equipment, electronic hardware, manufacturing machinery, maintenance equipment, or health and safety equipment for reasons other than workplace enhancement. Activities not meeting the scope of this environmental checklist (EC) require separate, project-specific ECs. Project personnel must contact the program environmental lead (PEL) to verify that various projects are within the scope of this (EC).

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions

Emissions typical of cutting/grinding/welding are expected.

Project activities have the potential to generate fugitive dust.

Disturbing Cultural or Biological Resources

A number of buildings at ATR Complex are eligible for nomination to the National Register of Historic Places. Removal and/or changes of original features may adversely impact historic properties.

Generating and Managing Waste

Routine maintenance activities have the potential to generate waste from conducting the following activities:

- Decontaminating equipment containing or contaminated with polychlorinated biphenyls (PCBs) (From equipment manufactured before 1982)
- Maintaining equipment containing or contaminated with PCBs (From equipment manufactured before 1982)
- Other routine maintenance activities that generate waste.

Releasing Contaminants

Activities addressed by this EC have the potential to release contaminants through the following:

- Acquiring, using, storing and dispositioning chemicals

Using, Reusing, and Conserving Natural Resources

Activities addressed by this EC have the potential for use, reuse and conservation of natural resources related to the following:

- Building energy use
- Generating landfill waste or construction and demolition wastes
- Generating recyclable materials
- Engaging in sustainable acquisition practices.

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.

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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"

Justification: Project activities are consistent with 10 CFR 1021, Appendix B, 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."

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: 3/07/2018