

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

SECTION A. Project Title: Test Reactor Area (TRA)-667 A/C Upgrade

SECTION B. Project Description and Purpose:

The proposed work scope is to install three air conditioning units in building TRA-667. This activity includes removing three windows and replacing them with modified openings for the new air conditioning units. In addition, some electrical circuits will be reworked to accommodate the new units.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions

Emissions typical of cutting/grinding/welding are expected. The emissions from this activity are not considered construction of a new stationary emission source.

Although not anticipated, project activities have the potential to disturb asbestos containing building materials.

Discharging to Surface-, Storm-, or Ground Water

Disturbing Cultural or Biological Resources

Generating and Managing Waste

The following types of waste could be generated:

- Industrial (non-hazardous, non-radioactive) waste, e.g. boxes, wood, wiring, paper, insulation, and some metals
- Hazardous wastes (e.g., metal containing paints)
- Asbestos waste
- Polychlorinated Biphenyl (PCB).

Releasing Contaminants

Although unexpected, spills could occur during the use of chemicals typically used in construction.

Using, Reusing, and Conserving Natural Resources

All materials would be reused and/or recycled where economically practicable. All applicable waste would be diverted from disposal in the landfill where conditions allow. The project would practice sustainable acquisition.

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 to Subpart D, B2.1 "Workplace enhancements"

Justification: Project activities are consistent with 10 CFR 1021, Appendix B to Subpart D, 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: 5/08/2017