

DOE-ID NEPA CX DETERMINATION
Idaho National Laboratory

SECTION A. Project Title: Install Heaters and Switchable Glass Panels in Engineering Research Office Building (EROB) (Idaho Falls [IF]-654)

SECTION B. Project Description and Purpose:

Two areas of the Engineering Research Office Building (EROB), building IF-654, need modification. First, the east wing men's and women's restrooms on the third floor lack heat. Second, glass in the laboratory director's office (room 190) needs to be modified to meet security requirements.

The proposed action would install wall heaters in the east wing men's and women's restrooms on the third floor and five switchable glass (transparent to opaque) panels measuring 58" x 59" in room 190. Approximately 80 feet of conduit and wire would be routed to operate the restroom heaters, and 150 feet of conduit and wire would be routed for the glass panels. Each glass panel would be mounted to window frames in room 190.

The project is expected to be completed during the summer of 2016 at an approximate cost of \$50 K.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Generating and Managing Waste

Industrial and construction waste (non-hazardous, non-radioactive) would be generated during the project. Small quantities of hazardous waste would potentially be generated as a result of chemical use (e.g., caulk, adhesive, paint, etc.).

Releasing Contaminants

Construction chemicals such as paint, lubricants, adhesives, etc., will be used during the project. Although not anticipated, small spills of substances may occur. Any releases would be cleaned up, containerized and provided to Waste Generator Services (WGS) for management and disposition. The spill notification team (241-6400) and Environmental Support and Services would also be notified.

Using, Reusing, and Conserving Natural Resources

Excess materials such as wire, conduit, scrap metal, etc., would be reused/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 to subpart D, items B2.1 "Workplace enhancements"

Justification: Project activities described in this Environmental Checklist (EC) are consistent with 10 CFR 1021, Appendix B to Subpart D, item B2.1 "Modifications within or contiguous to an existing structure, in a previously disturbed or developed area, to enhance work place habitability (including but not limited to, installation or improvements to lighting, radiation shielding, or heating/ventilation/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 Jack Depperschmidt, DOE-ID NEPA Compliance Officer on: 6/16/2016