

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

**SECTION A. Project Title:** Upgrade Willow Creek Building (WCB) (Idaho Falls [IF]-616) Room 240B Sound Barrier Rating

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

Department of Energy (DOE) has requested Room 240B in the Willow Creek Building (WCB), building IF-616, be upgraded to a Society for Technical Communication (STC) 45 sound barrier rating. The four walls would be modified to meet the sound barrier standards as described in DOE Order 470.6. In order to support the wall modifications, electrical demolition and installation would occur.

The walls would be modified meet the STC 45 sound barrier rating. In some of the area, installation of new walls directly in front of existing walls would be required. New walls would run to the deck above, and sheet rock would be installed on both sides of the new wall. In other areas, the installation of additional sheet rock may be required.

Electrical wire and conduit to wall receptacles, electrical panels and conduit on the east and west walls, and all unused communication wire and loose unterminated wire in ceiling would be removed.

A new 100 ampere panel, new electrical wire, conduit to wall receptacles, and new data drops would be installed.

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

**Air Emissions**

Asbestos containing material (e.g., floor tile) is present in the vicinity of the project area. Form 450.04 "Asbestos Removal Notification Form" would be submitted and approved prior to disturbing potential asbestos containing material.

**Generating and Managing Waste**

Standard industrial (non-hazardous, non-radioactive) waste would be generated. Asbestos containing waste would be generated if disturbing potential asbestos containing material. Lead sheeting may be found in walls and would be separated for recycle.

This building is older than 1982 and materials such as paint, caulking, joint sealer, wire pulling lubricant, etc., would be treated as suspect for containing polychlorinated biphenyls (PCBs).

**Releasing Contaminants**

Although not expected, small spills may occur.

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

Project activities could result in reusable and recyclable materials for excess or recycling. Sustainable acquisition would be implemented when 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 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 ... 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: 7/20/2016