

DOE-ID NEPA CX DETERMINATION

Idaho National Laboratory

SECTION A. Project Title: Materials and Fuels Complex (MFC)-1734 Deactivation and Demolition

SECTION B. Project Description and Purpose:

Building 1734 at the Materials and Fuels Complex (MFC-1734) is a temporary trailer that once housed construction personnel during asbestos abatement activities at MFC. The structure is no longer needed and is located where future buildings are proposed to be located (e.g., Sample Preparation Laboratory). The proposed project will remove and excess interior salvageable materials (furniture, computers, etc.), remove hazardous components (light bulbs, light tubes, smoke detectors, mercury switches, etc.), and demolish building. There are no sewer or water connections to the building. The pre-demolition salvage work will be performed by Battelle Energy Alliance, LLC (BEA) MFC facility personnel and the demolition will be performed by subcontractors.

Projected Start Date: August 2016
Projected End Date: September 2016
Estimated Cost: \$150k

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions

Fugitive dust may be generated during demolition activities.

There is a potential to disturb asbestos containing building materials.

Mobile sources such as generators, welders, and compressors may be used temporarily (less than a year) by subcontractors at the construction site. These sources will be required to meet Idaho Administrative Procedures Act (IDAPA) 58.01.01.625 visible emission opacity requirements.

Disturbing Cultural or Biological Resources

Bird nests may be encountered during the project.

Cultural resource reviews are not required. However, if excavation activities occur, they have the potential to disturb artifacts which may require cessation of work.

Generating and Managing Waste

Non-hazardous demolition debris (building components such as wood siding, drywall, steel frame, polyvinyl chloride [PVC] pipe, etc.) will be generated and disposed at the Central Facilities Area (CFA) Landfill Complex. A pre-demolition salvage package will remove any hazardous components such as light bulbs, light tubes, mercury switches, smoke detectors, sprinkler heads, cathode-ray tube (CRT) computer monitors, etc.

Releasing Contaminants

Chemicals such as fuels, lubricants, marking paints, etc. will be used during the project. Spills are possible when using chemicals.

Using, Reusing, and Conserving Natural Resources

Scrap metal will be separated from the demolition debris for recycle when appropriate and practical.

SECTION D. Determine Recommended Level of Environmental Review, Identify Reference(s), and State Justification: Identify 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 B1.23, "Demolition and disposal of buildings"

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CX Posting No.: DOE-ID-INL-16-099

Justification: Project activities in this Environmental Checklist (EC) are consistent with 10 CFR 1021, Appendix B to Subpart D, Categorical Exclusion B1.23, "Demolition and subsequent disposal of buildings, equipment, and support structures (including, but not limited to, smoke stacks and parking lot surfaces), provided that there would be no potential for release of substances at a level, or in a form, that could pose a threat to public health or the environment."

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: 8/17/2016