

DOE-ID NEPA CX DETERMINATION

Idaho National Laboratory

SECTION A. Project Title: Materials and Fuels Complex (MFC)-701 Air Handling Unit (AHU)-2 Replacement and Uninterruptible Power Supply (UPS) Relocation

SECTION B. Project Description and Purpose:

The air handling unit (AHU) in building 701 at the Materials and Fuels Complex (MFC) has reached the end of its useful life and needs to be replaced. In addition, the uninterruptible power supply (UPS) needs to be moved to provide additional floor space in room 119.

The proposed action would replace the AHU-2 in room 119 and the cooling unit (CU)-2 on the roof. The new AHU would be located on the roof, and a rooftop curb would be installed. Ductwork and electrical connections would be modified to support installation of the new equipment.

In addition, the UPS would be moved from room 119 to room 103. Relocation of equipment would include the UPS, associated batteries, incoming disconnect switch, outgoing circuit breaker, and maintenance bypass switch.

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. There is a potential for disturbing regulated asbestos containing material (RACM).

Generating and Managing Waste

All waste will be transferred to Waste Generator Services (WGS) for proper disposition. Asbestos and/or lead based paint and polychlorinated biphenyls (PCBs) may have been used in the construction of the facility and could be disturbed by construction activities. Approved work controls will be in place to ensure that no airborne release of asbestos and lead will occur during removal activities. Project personnel will work with WGS to properly characterize, store, and dispose all waste according to established waste streams and laboratory procedures.

Releasing Contaminants

There is a potential for possible disturbance of suspect PCB paint during this activity. All chemicals utilized by this activity will be managed in accordance with laboratory procedures.

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: National Environmental Policy Act (NEPA) Implementing Procedures, Final Rule, 10 CFR 1021, Appendix B to Subpart D, Categorical Exclusion B1.31 "Installation or relocation of machinery and equipment."

Justification: The proposed activities are consistent with CX B1.31 "Installation or relocation and operation of machinery and equipment (including, but not limited to, laboratory equipment, electronic hardware, manufacturing machinery, maintenance equipment, and health and safety equipment), provided that uses of the installed or relocated items are consistent with the general missions of the receiving structure. Covered actions include modifications to an existing building, within or contiguous to a previously disturbed or developed area, that are necessary for equipment installation and relocation. Such modifications would not appreciably increase the footprint or height of the existing building or have the potential to cause significant changes to the type and magnitude of environmental impacts."

Is the project funded by the American Recovery and Reinvestment Act of 2009 (Recovery Act)

Yes No

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Approved by Jack Depperschmidt, DOE-ID NEPA Compliance Officer on: 3/30/2016