

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

SECTION A. Project Title: 2017 Expand Wireless Data Infrastructure

SECTION B. Project Description and Purpose:

The proposed action would expand the wireless network infrastructure at MFC facilities to address the need for adequate and up-to-date wireless communications capabilities. The proposed action would install cable hangers and conduit, Information Technology (IT) copper cabling, wireless access points and enclosures, network equipment cabinets, and power receptacles. Removal of old IT copper cabling could be required in some facilities.

The proposed activities would be funded through fiscal year 2017. Activities not meeting the scope of this environmental checklist (EC) require separate, project-specific ECs. Replacing and upgrading significant facility components (e.g. replacement or upgrade of alarm and surveillance systems, etc.) is not covered in this EC. Project personnel must contact the program environmental lead (PEL) to verify that various projects are within the scope of this EC.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions

Project activities have the potential to disturb asbestos.

Disturbing Cultural or Biological Resources

Buildings MFC-752 and MFC-785 are eligible for nomination to the National Register of Historic Places. Removal and/or changes of original features may adversely impact historic properties.

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. Hazardous waste is not expected.

In buildings older than 1982, materials such as paint, caulking, joint sealant, wire pulling lubricant, etc. would be treated as suspect for containing polychlorinated biphenyls (PCBs).

Scrap metal (e.g., conduit, wire, etc.) would be diverted from landfill disposal and recycled where appropriate.

Releasing Contaminants

Although not expected, small spills may occur. Spills would be reported to the Spill Notification Team, cleaned up, and spill cleanup materials turned over to Waste Generator Services (WGS)

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 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, B1.7 "Electronic equipment"

Justification: Project activities are consistent with 10 CFR 1021, Appendix B to Subpart D, B1.7 "Acquisition, installation, operation, modification, and removal of ... communication systems, data processing equipment, and similar electronic equipment."

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

Yes No

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Approved by Jason Sturm, DOE-ID NEPA Compliance Officer on: March 13, 2017