

DOE-ID NEPA CX DETERMINATION

Idaho National Laboratory

SECTION A. Project Title: Test Reactor Area (TRA)-622 and TRA-628 Voice Paging System

SECTION B. Project Description and Purpose:

Personnel in buildings TRA-622 and TRA-628 cannot hear announcements over the Advanced Test Reactor (ATR) Complex voice paging system. The proposed work scope is to install voice paging speakers in each building and tie into speakers in adjacent buildings. The new voice paging speaker in TRA-622 will tie into the speaker in TRA-616. Work scope will include running conduit through a wall.

Project Start/End Date: June 2016

Project cost: Approximately \$1,500.00

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions

Work may result in the disturbance or removal of asbestos.

Disturbing Cultural or Biological Resources

TRA-622 is eligible for nomination to the National Register of Historic Places (NRHP) and is considered a Category 3 historic property. Removal and/or changes of original features may adversely impact this historic property; however, the project activities as described are exempt (Idaho National Laboratory Cultural Resource Management Office. Idaho National Laboratory Cultural Resource Management Plan. Department of Energy Idaho Operations Office [DOE/ID]-10997, revision 6, Idaho Falls, Idaho: U.S. Department of Energy, Idaho Operations Office, 2016; pg 51, Table 2, Exemption 5). As such, the project may proceed as described without further cultural resource review. TRA- 628 is not eligible for listing on the NRHP; therefore cultural review for this property is not required.

Generating and Managing Waste

Maintenance activities may generate a variety of waste. It is anticipated that the following types of waste could be generated:

- Industrial (non-hazardous, non-radioactive) waste includes typical maintenance wastes such as boxes, wood, wiring, paper, insulation, and some metals.
- Asbestos waste may be generated when performing maintenance activities on equipment or structures with asbestos-containing materials (ACM) such as insulation, gaskets, flanges, walls, roofing, and flooring.

Releasing Contaminants

There is the potential to release small amounts of contaminants to the environment. These may include air emissions from the use of fuel burning equipment, decontamination operations, and asbestos remediation.

Although not anticipated, chemical use has a potential for small air emissions and spills.

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)).

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References: National Environmental Policy Act (NEPA) Implementing Procedures, Final Rule, 10 CFR 1021, Appendix B to Subpart D, Categorical Exclusion B2.2 "Building and equipment instrumentation"

Justification: The proposed activities are consistent with CX B2.2 "Installation of, or improvements to, building and equipment instrumentation (including, but not limited to, remote control panels, remote monitoring capability, alarm and surveillance systems, control systems to provide automatic shutdown, fire detection and protection systems, water consumption monitors and flow control systems, announcement and emergency warning systems, criticality and radiation monitors, and alarms, and safeguards and security equipment."

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: 4/14/2016