

# DOE-ID NEPA CX DETERMINATION

## Idaho National Laboratory

### SECTION A. Project Title: RB-21 and RB-22 Evacuation Siren Relocation

### SECTION B. Project Description and Purpose:

The proposed action would relocate evacuation sirens RB-21 and RB-22. The power to siren RB-21 is being fed through building Test Reactor Area (TRA)-673 which is being prepared for decommissioning and demolition. Siren RB-21 would be relocated from a wooden pole north of TRA-673 to a new wooden pole to be installed just north of TRA-625.

Siren RB-22 is fed from an overhead power cable that obstructs certain maintenance activities, thus requiring the cable to be disconnected and leaving the area without sirens for months at a time. The cable would be eliminated after siren RB-22 is relocated. The proposed action would relocate siren RB-22 from its location on a pole south of the TRA-670 building to the top Southwest (SW) corner of the TRA-670 building.

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

#### Disturbing Cultural or Biological Resources

Although TRA-670 is classified as a Category 1 historic property in the INL Cultural Resource Management Plan (Department of Energy Idaho Operations Office (DOE/ID)-10997 rev. 5, Appendix I), and is considered eligible for listing on the National Register of Historic Places, the project as described is an exempt activity (DOE/ID-10997 rev. 5, Table 2, Exemption 6 - safety systems); as such, the project may proceed as described with no further cultural review.

#### Generating and Managing Waste

All waste generated from this activity will be managed in accordance with laboratory procedures. Pollution prevention/waste minimization will be implemented where economically practicable to reduce the volume and/or toxicity of waste generated. All waste generated will be transferred to Waste Generator Services (WGS) for appropriate disposition. All waste generated from these activities will have an identified disposition path prior to it being generated.

#### Using, Reusing, and Conserving Natural Resources

All material will be reused and/or recycled where economically practicable. All applicable waste would be diverted from disposal in the landfill when possible. Project personnel would use every opportunity to recycle, reuse, and recover materials and divert waste from the landfill when possible. The project would practice sustainable acquisition, as appropriate and practicable, by procuring construction materials that are energy efficient, water efficient, are bio-based in content, environmentally preferable, non-ozone depleting, have recycled content, and are non-toxic or less-toxic alternatives (see <http://www.sftool.gov/GreenProcurement>).

### 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:** 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 safeguard 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: 8/31/2015