

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

SECTION A. Project Title: Central Facilities (CF)-609 Emergency Command Center Upgrade

SECTION B. Project Description and Purpose:

The proposed project would modify the Emergency Command Center located in building Central Facilities Area (CFA)-609 room 169. These modifications include a new emergency control console system, carpet, air handling unit, associated piping and controls, concrete pad, condensers, and electrical modifications to support the new configuration. A trench duct would be cut in the existing concrete floor for new wiring configurations.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions

Fugitive dust may be generated while excavating the foundation for the concrete condenser pads. All reasonable precautions would be taken to prevent particulate from becoming airborne. If dust control methods are required, the method used and frequency applied must be recorded in the project records and would be used to demonstrate compliance with the Idaho National Laboratory (INL) Title V Air Permit.

Generating and Managing Waste

Typical Construction Debris such as scrap wood, scrap metal, conduit, wire, carpet, empty chemical containers, etc., will be generated during the project. Electronic waste, light bulbs, light tubes will be placed in compliant storage the day of generation. Scrap metal would be recycled when practical. All waste would be characterized, stored, and disposed at the direction of Waste Generator Services (WGS).

Releasing Contaminants

Typical construction chemicals such as lubricants, fuels, adhesives, paints, weld rod, etc., would be used by the subcontractor. A chemical inventory list with associated Safety Data Sheets (SDS's) will be submitted in the vendor data system by the subcontractor. All chemicals would be entered into the INL Comply Plus Chemical Management System by the Construction Chemical Coordinator.

Using, Reusing, and Conserving Natural Resources

All materials would be reused and recycled where economically practicable. All applicable waste would be diverted from disposal in the landfill where conditions allow. New equipment would meet either the Energy Star or Significant New Alternatives Policy (SNAP) requirements as appropriate. In addition, 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, or 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 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, item B2.1 "Workplace enhancements"

Justification: Project activities described in this Environmental Checklist (EC) are consistent with 10 CFR 1021, Appendix B to Subpart D, item B2.1 "Modifications within or contiguous to an existing structure, in a previously disturbed or developed area, to enhance workplace habitability (including, but not limited to, installation or improvements to lighting, radiation shielding, or heating/ventilation/air conditioning and its instrumentation, and noise reduction."

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: 7/22/2015