

# DOE-ID NEPA CX DETERMINATION

## Idaho National Laboratory

### SECTION A. Project Title: Materials and Fuels Complex (MFC)-1741 Modular Guard Station

### SECTION B. Project Description and Purpose:

Security personnel inside the fences at the Zero Power Physics Reactor (ZPPR) at the Materials and Fuels Complex (MFC) building 775 use vehicles to maintain continuous watch of the ZPPR complex. The proposed action would install a new guard station building to house this security need. The proposed building would sit inside the fenced area, east of MFC-784. The building would be pre-fabricated and sit on a newly poured concrete foundation. An electrical ductway would be dug from the new building to MFC-784, and a new transformer with pad would be installed near the new guard station. No other utilities would be needed. The building would have counters, cabinets, electric heaters, and a computer workspace.

Estimated Start Date: November, 2015

Estimated Completion Date: February, 2016

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

#### Air Emissions

Although unlikely due to the time of year, fugitive dust may be generated during the ductbank excavation.

#### Disturbing Cultural or Biological Resources

Biological and cultural resource reviews are not required. However, excavation activities have the potential to disturb artifacts which may require cessation of work.

#### Generating and Managing Waste

Scrap metal, conduit, wire, cable, concrete, packaging material, etc., will be generated during the project. Scrap metal will be diverted from landfill disposal and recycled where practical. All waste will be characterized and disposed at the direction of Waste Generator Services (WGS).

#### Releasing Contaminants

Typical construction chemicals such as wire pulling lubricant, fuels, adhesives, etc., will be used on the project. The subcontractor will submit a chemical inventory list via vendor data with associated Safety Data Sheets (SDS's). The Construction Chemical Coordinator will track these chemicals in the Idaho National Laboratory (INL) Comply Plus Chemical Management System.

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

Scrap metal such as conduit, wire, and cable will be diverted from landfill disposal and recycled where practical.

### 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, B1.15 "Support buildings"

**Justification:** Project activities described in this EC are consistent with 10 CFR 1021, Appendix B to Subpart D, item B1.15 "Siting, construction or modification, and operation of support buildings and support structures (including, but not limited to, trailers and prefabricated and modular buildings) within or contiguous to an already developed area (where active utilities and currently used roads are readily accessible). Covered support buildings and structures include, but are not limited to, those for office purposes; parking; cafeteria services; education and training; visitor reception; computer and data processing services; health services or recreation activities; routine maintenance activities; storage of supplies and equipment for administrative services and routine maintenance activities; security (such as security posts); fire protection; small-scale fabrication (such as machine shop activities), assembly, and

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testing of non-nuclear equipment or components; and similar support purposes, but exclude facilities for nuclear weapons activities and waste storage activities covered in B1.10, B1.29, B1.35, B2.6, B6.2, B6.5, B6.6, and B6.10 of this appendix."

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: 12/3/2015