

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

**SECTION A. Project Title:** Additional Cargo Container Storage Space at IF-685 (ESL)

**SECTION B. Project Description and Purpose:**

Additional storage space is needed for materials used in the Energy Systems Laboratory (ESL) battery laboratory. The proposed action connects power, HVAC, and smoke detection equipment to a cargo container on the north side of ESL. The project connects the container to a 100 amp service, installs conduit and connectors to the building fire alarm system, and installs conduit and a J box for temperature sensor that can be read inside the laboratory. The north wall of the battery laboratory would be core drilled to allow for routing 3 each 1" rigid conduit. The project is expected to be completed in the fall of 2017 at an estimated cost of \$6500.

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

**Air Emissions**

Cargo container has HVAC system which may require servicing, charging, etc.

**Discharging to Surface-, Storm-, or Ground Water**

Although unlikely, it is possible that small spills may occur near drains to sewer within the building.

**Generating and Managing Waste**

Small amounts of construction waste (e.g., wire/conduit pieces, wipes, grout, etc.) may be generated.

**Releasing Contaminants**

Spills of commonly used chemicals (e.g., glues, caulk, pipe threading lubricant) may occur.

**Using, Reusing, and Conserving Natural Resources**

Where practicable, materials such as excess metal, conduit, wire pieces, etc. would be reused and/or recycled.

**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, B1.15 "Support buildings".

**Justification:** Activities are consistent with 10 CFR 1021, Appendix B, 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 used for...storage of supplies and equipment....assembly, and testing of non-nuclear equipment or components; and similar support purposes...".

Is the project funded by the American Recovery and Reinvestment Act of 2009 (Recovery Act)     Yes     No

Approved by Jason Sturm, DOE-ID NEPA Compliance Officer on: 10/16/2017