

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

**SECTION A. Project Title:** Installation of Water Supply to Advanced Test Reactor Critical (ATRC)

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

The proposed action would connect a potable water line to the fridge in the Advanced Test Reactor Critical (ATRC) office area to minimize purchase and transport of water bottles into the facility. The proposed action would install a water line to the fridge by tying into the lab area water line, installing a regulator and dropping the line from the ceiling area above the fridge, and plumbing the line to the fridge. The filter built into the fridge would be used for filtration. All materials used would be lead free per ANSI/NSF-61.

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

**Generating and Managing Waste**

- Maintenance activities may generate a variety of waste. Industrial (non-hazardous, non-radioactive) waste including typical maintenance wastes such as boxes, wood, wiring, paper, insulation, and some metals is anticipated.

**Releasing Contaminants**

- 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)).

**References:** 10 CFR 1021, Appendix B to Subpart D, B2.1 "Workplace enhancements"

**Justification:** Project activities are consistent with 10 CFR 1021, Appendix B to Subpart D, B2.1 "Modifications within or contiguous to an existing structure, in a previously disturbed or developed area, to enhance workplace habitability ..."

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: 1/03/2017