

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

**SECTION A. Project Description:** Test Reactor Area (TRA)-1608 Water Fountain Replacement

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

Two drinking fountains at the Advanced Test Reactor Complex building TRA-1608 developed a water leak and had to be removed. The proposed action would replace the water fountains with two ELKAY model LZSTL8WSSP water fountains. The new water fountains have an attached bottle filling station to deliver a clean, quick water bottle fill which enhances sustainability by minimizing use of disposable plastic bottles. A modification to the water supply stops would be needed to provide separate isolations for each drinking fountain and the co-located ice machine. Both drinking fountains and the ice machine are currently fed from one stop.

Project Start Date: 10/2015  
Project End Date: 11/2015  
Project Cost: Approximately \$3,500.00

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

**Generating and Managing Waste**

All waste generated from this activity will be managed in accordance with laboratory procedures.

**Releasing Contaminants**

All chemicals typically used in construction/maintenance, if used, will be managed in accordance with laboratory procedures.

**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.

**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:** National Environmental Policy Act (NEPA) Implementing Procedures, Final Rule, 10 CFR 1021, Appendix B to Subpart D, Categorical Exclusion B1.31 "Installation or relocation of machinery and equipment."

**Justification:** The proposed activities are consistent with CX B1.31 "Installation or relocation and operation of machinery and equipment (including, but not limited to, laboratory equipment, electronic hardware, manufacturing machinery, maintenance equipment, and health and safety equipment), provided that uses of the installed or relocated items are consistent with the general missions of the receiving structure. Covered actions include modifications to an existing building, within or contiguous to a previously disturbed or developed area, that are necessary for equipment installation and relocation. Such modifications would not appreciably increase the footprint or height of the existing building or have the potential to cause significant changes to the type and magnitude of environmental impacts."

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: 11/17/2015