

DOE-ID NEPA CX DETERMINATION
Idaho National Laboratory

SECTION A. Project Title: Idaho National Laboratory (INL) Engineering Demonstration Facility (IEDF) Safety Shower Installation

SECTION B. Project Description and Purpose:

The proposed activity would install a safety shower on the northwest second floor of the Idaho National Laboratory (INL) Engineering Demonstration Facility (IEDF, Idaho Falls [IF]-657) in Idaho Falls, ID, for the purpose of supporting research and development activities in the area. In the event of use, the shower would drain to a holding tank in the first floor mechanical room, where contents would be characterized prior to discharge to the city sewer system. Installation is expected to begin in November 2015 and be complete by the end of the calendar year at an estimated cost of approximately \$25 K.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Discharging to Surface-, Storm-, or Ground Water

In the event of use, the safety shower would drain to a holding tank where contents would be characterized prior to discharge to the city of Idaho Falls sewer system.

Generating and Managing Waste

Small amounts of industrial (non-hazardous, non-radioactive) waste (e.g., concrete, plastic, etc.) may be generated. All waste would be managed through Waste Generator Services (WGS).

Releasing Contaminants

Testing of the safety shower would be performed using potable water. Although not expected, small spills may occur. Any spills of material other than potable water would be reported to the spill team, environmental support and cleaned up.

Using, Reusing, and Conserving Natural Resources

Materials would be reused and/or recycled where economically practicable. Construction materials that are energy efficient, water efficient, are bio-based in content, environmentally preferable, have recycled content, or are non-toxic or less-toxic alternatives would be procured as appropriate and practicable (see <http://www.sftool.gov/GreenProcurement>).

SECTION D. Determine Recommended Level of Environmental Review, Identify Reference(s), and State Justification: Identify the level 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 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, B2.3 "Personnel safety and health equipment"

Justification: Activities are consistent with 10 CFR 1021, Appendix B2.3 "Installation of, or improvements to, equipment for personnel safety and health (including, but not limited to, eye washes, safety showers, ...and associated collection and exhaust systems), provided that the covered actions would not have the potential to cause a significant increase in emissions."

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: 9/8/2015