

DOE-ID NEPA CX DETERMINATION

Idaho National Laboratory

SECTION A. Project Title: Test Reactor Area (TRA)-653 Conference Room Modifications

SECTION B. Project Description:

The Advanced Test Reactor (ATR) Maintenance Shop, building Test Reactor Area (TRA)-653, located at the ATR Complex, has an upstairs conference room capable of being used as one large conference room or can be split into two conference rooms by a sliding curtain divider. The current configuration causes meeting interruptions due to the one available door limiting personnel access to the north part of the conference room when the curtain is used to divide the room. The proposed project would construct two new framed hard walls to divide the one large conference room into two separate rooms. One of the new walls would divide the conference room from east to west, while the other new wall would run from the existing access door to the north and would act as an access corridor to the north conference room. Two new doors would also be installed to provide separate access to each conference room. In order to meet National Fire Protection Association (NFPA) requirements for the new setup, modifications would need to be made to the current fire alarm system speaker/strobes, emergency lighting, sprinkler piping, and exit signs.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions - Currently the conference room has carpet laid over the top of asbestos tile. It may be necessary to remove or disturb some of these tiles while constructing the two new divider walls. If the asbestos tile will need to be disturbed, appropriately trained personnel will be used and they will be required to meet applicable Occupational Safety and Health Administration (OSHA) and National Emission Standards for Hazardous Air Pollutants (NESHAPS) requirements. Battelle Energy Alliance, LLC (BEA) personnel will file the internal asbestos removal notification (Form 450.04) and will verify Subcontractor training and review removal methods prior to any removal/disturbance of asbestos tile. Asbestos containing waste material will be disposed of through WGS.

Disturbing Cultural or Biological Resources - The modification of the conference room in TRA-653 would impact an historic Idaho National Laboratory (INL) property, eligible for listing on the National Register of Historic Places. However, the impact would not be adverse and, therefore, no further cultural resource review would be necessary.

Generating and Managing Waste - Typical Construction Debris such as packaging material, scrap wood, scrap metal, conduit, piping, carpet, drywall, empty chemical containers, etc., would be generated during the project. Brass sprinkler heads would either be recycled or re-used. Asbestos containing waste material would most likely be non-friable category I asbestos-containing-material (ACM) that would be disposed at the Central Facility Area (CFA) Landfill Complex. All waste would be characterized, stored, and disposed at the direction of Waste Generator Services (WGS).

Using, Reusing, and Conserving Natural Resources - All materials would be reused and recycled where economically practicable. All applicable waste would be diverted from disposal in the landfill where conditions allow. Project personnel will use every opportunity to recycle, reuse, and recover materials and divert waste from the landfill when possible. The project will practice sustainable acquisition, as appropriate and practicable, by procuring construction materials that are energy efficient, water efficient, are bio-based in content, environmentally preferable, non-ozone depleting, have recycled content, or are non-toxic or less-toxic alternatives. New HVAC equipment will meet either the Energy Star or Significant New Alternatives Policy (SNAP) requirements as appropriate (see <http://www.sftool.gov/GreenProcurement/ProductCategory/14>) and new building finishes will meet affirmative procurement requirements as appropriate (see <https://sftool.gov/green-products/0/building-finishes>).

SECTION D. Determine the Recommended Level of Environmental Review (or Documentation) and Reference(s): Identify applicable categorical exclusion from 10 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 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 item B1.15, "Support buildings"

Justification: Project activities in this Environmental Checklist (EC) are consistent with 10 CFR 1021 Appendix B to Subpart D, Categorical Exclusion 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; security (such as security posts); fire protection; small-scale fabrication (such as machine shop activities), assembly, and testing of non-nuclear equipment or components; and similar support purposes, but

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exclude facilities for nuclear weapons activities and waste storage activities, such as activities covered in B1.10, B1.29, B1.35, B2.6, B6.2, B6.4, 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: 7/9/2014