

DOE-ID NEPA CX DETERMINATION Idaho National Laboratory

SECTION A. Project Title: Willow Creek Building (WCB) South Office Area Modification

SECTION B. Project Description and Purpose:

The proposed action would modify an office area (see Figure 1) on the South East (SE) first floor of the Willow Creek Building (WCB, Idaho Falls [IF]-616) at the Research and Education Campus (REC) to improve the use of space. Walls, doors, fire protection (sprinkler heads, alarm), heating, ventilating, and air conditioning (HVAC), and electrical (receptacles, data ports, switches, conduit) systems would be modified or relocated for this purpose. The project would begin during the fourth quarter of Fiscal Year (FY)-15 at a cost of approximately \$145 K.



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Idaho National Laboratory

SECTION C. Environmental Aspects or Potential Sources of Impact:

Generating and Managing Waste

Small amounts of industrial (non-hazardous, non-radioactive) waste (e.g., conduit, wire, sheetrock) may be generated during the activity. All waste would be dispositioned through Waste Generator Services (WGS).

Releasing Contaminants

Typical construction chemicals such as lubricants, paints, adhesives, etc., will be used during the project. A chemical inventory list with associated Safety Data Sheets (SDS's) will be required to be submitted by the subcontractor and be approved by Battelle Energy Alliance, LLC (BEA) in the vendor data system. The Construction Chemical Coordinator would enter these chemicals into the Comply Plus chemical management system for tracking purposes. All spills would be reported to the Construction Field Representative and to the Spill Notification Team if applicable.

Using, Reusing, and Conserving Natural Resources

All applicable waste would be diverted from disposal in the landfill when possible. Project personnel would use every opportunity to recycle, reuse, and recover materials and divert waste from the landfill when possible. The project would 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 equipment will meet either the Energy Star or Significant New Alternatives Policy (SNAP) requirements as appropriate (see <http://www.sftool.gov/GreenProcurement>).

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 B2.1 "Workplace enhancements" and B2.2 "Building and equipment instrumentation".

Justification: Activities are consistent with 10 CFR 1021, Appendix B2.1 "Modifications within or contiguous to an existing structure, in a previously disturbed or developed area, to enhance workplace habitability (including, but not limited to, installation or improvements to lighting, ... or heating/ventilation/air conditioning and its instrumentation, and noise reduction)."

B2.2 "Installation of, or improvements to, building and equipment instrumentation (including, but not limited to, remote control panels, remote monitoring capability, alarm and surveillance systems, control systems to provide automatic shutdown, fire detection and protection systems, ... announcement and emergency warning systems, ... and safeguards and security equipment)."

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