

DOE-ID NEPA CX DETERMINATION

Idaho National Laboratory

SECTION A. Project Title: Relocation of Environmental Monitoring Services Personnel and Equipment

SECTION B. Project Description:

The Environmental Monitoring Services organization at Idaho National Laboratory (INL) is currently located at the Materials and Fuels Complex (MFC) in building MFC-721, the original Transient Reactor Test Facility (TREAT) Reactor Control Building. The TREAT reactor has been in stand-by mode since 1995, and MFC-721 was converted in to office space and a sample preparation area (SPA) for the environmental monitoring organization. The Department of Energy (DOE) recently conducted an environmental assessment and issued a Finding of No Significant Impact to resume transient testing at TREAT. MFC-721 is needed to support resumption of transient testing at TREAT, and, therefore, the Environmental Monitoring Services organization will need to be relocated.

The proposed action would relocate Environmental Monitoring Services staff to the second floor cubicles at the Idaho National Laboratory Research Center (IRC) along with their chairs, computer desks, office equipment and supplies, and personal items. The equipment in the SPA would be moved into IRC laboratories A3 and A4. This equipment would include acid cabinets, scales, computers, printers, work stations, detectors, tripods, low volume air samplers, high volume air samplers, small chemical inventory, sample bottles, coolers, ice maker, cross connection testing equipment and supplies, and other equipment associated with the Environmental Monitoring Services program such as backup sampling equipment, including cargo containers, pumps, hoses, compositors, pH meters, conductivity meters, and litmus paper. A limited number of rad sealed sources would also be moved in accordance with Department of Transportation requirements and direction of the source custodian in IRC. It is anticipated that certain cabinets may have to be removed or rearranged to make room for the specialty equipment that would be relocated. Large storage cabinets would be relocated to A-3 and A-4 for supplies and storage of tools.

Sitewide environmental monitoring activities conducted by the Environmental Monitoring Services organization are described in environmental checklist INL-07-084 R1 "INL Site Characterization and Environmental Monitoring (Overarching)--Revision 1.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions: There is a possibility for disturbance of asbestos containing building materials. All asbestos work must be conducted by properly trained personnel using appropriate abatement methods.

Disturbing Cultural or Biological Resources: MFC-721 is eligible for nomination to the National Register of Historic Places. As described, project activities would impact this historic property, but the impact would not be adverse. The work can proceed without further cultural resource review.

Generating and Managing Waste: Project activities would result in generation of industrial waste. Materials and equipment would either be excessed or characterized and dispositioned as waste through Waste Generator Services (WGS).

Using, Reusing, and Conserving Natural Resources: Appropriate use and recycling would be practiced during project activities. Pollution Prevention/Waste Minimization concepts would be implemented when practical. Waste materials would be evaluated for reuse or recycling.

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.

SECTION D. Determine the Recommended Level of Environmental Review (or Documentation) and Reference(s): Identify the 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 which would affect the significance of the action, and the action is not "connected" nor "related" (40 CFR 1508.25(a)(1) and (2), respectively) to other actions with potentially or cumulatively significant impacts.

References: 10 CFR 1021, Appendix B to subpart D, item B1.31

Justification: Project activities described in this EC are consistent with 10 CFR 1021, Appendix B to Subpart D, item B1.31 "Installation or relocation and operation of machinery and equipment (including, but not limited to, laboratory equipment, electronic

DOE-ID NEPA CX DETERMINATION
Idaho National Laboratory

Page 2 of 2

CX Posting No.: DOE-ID-INL-14-008

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: 5/20/2014