

DOE-ID NEPA CX DETERMINATION

Environmental Checklist

SECTION A. Project Title: Remove Plasma Equipment from Idaho National Laboratory Research Center (IRC) Labs C7/8 and C16 to IRC Bay for pick up by COGENT

SECTION B. Project Description:

In the past, COGENT requested technical services from Battelle Energy Alliance, LLC (BEA) to assist in the development of a research plan to evaluate the use of BEA's modular hybrid plasma system for use in COGENT's waste-to-energy generation project process. This work was completed to COGENT's satisfaction. Since that time, this type of research no longer supports BEA's mission. COGENT has requested that the equipment used for the work be loaned to them. The purpose of the proposed action is to disassemble, package, and move pre-determined plasma equipment from IRC laboratory C-7/8 and C-16 to the IRC loading dock for transport by COGENT. BEA personnel would assist in loading the equipment into/onto vehicles as requested by COGENT. BEA would not be responsible to secure the equipment for transport. COGENT would be responsible and liable for all equipment once removed from the IRC. BEA would ensure the equipment is free of chemical contamination prior to release. BEA would move the equipment to the IRC loading dock as well as ensure loan paperwork is in place enabling COGENT to receive the equipment. Equipment would be released to COGENT as per the BEA property loan agreement, L-1402.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Generating and Managing Waste - Small amounts of industrial waste, such as wipes, rags, and scrap metal may be generated. Scrap metal will be recycled to the extent practicable. All Solid Waste will be managed by WGS.

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 B1.24 "Property transfers"

Justification: Project activities described in this EC are consistent with 10 CFR 1021, Appendix B to Subpart D, item B1.24 "Transfer, lease, disposition, or acquisition of interests in personal property (including, but not limited to, permanent structures and land), provided that under reasonably foreseeable uses (1) there would be no potential for release of substances at a level, or in a form, that could pose a threat to public health or the environment and (2) the covered actions would not have the potential to cause a significant change in impacts from before the transfer, lease, disposition, or acquisition of interests."

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: 3/11/2014