

DOE-ID NEPA CX DETERMINATION

Idaho National Laboratory

SECTION A. Project Title: PBF-612 Maintenance and Modifications

SECTION B. Project Description and Purpose:

The Power Burst Facility (PBF) building 612 (PBF-612) is outdated and needs to be modernized. The proposed action would upgrade electrical power, communications, lighting, and plumbing in PBF-612. Project activities include drywall removal and replacement and replacement of exterior doors. Interior painting would also be completed. Unused legacy equipment would be removed and dispositioned as appropriate. This equipment would include old plumbing fixtures, electrical distribution equipment, conduit and wiring, etc. Work on the building exterior would include removing and replacing temporary wiring, repairing exterior lights, and removing unneeded equipment.

None of the electrical equipment identified for removal is oil-filled, but some breaker components such as capacitors or buffers may contain PCB oil. Old paint in the facility may also contain PCBs.

The building is known to contain asbestos.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions

Project activities may generate fugitive dust as a result of structural demolition.

Materials containing asbestos (e.g., generator gaskets, roofing, fire doors, etc.) may be disturbed.

Disturbing Cultural or Biological Resources

PBF-612 was constructed before 1970. Objects of potential historical significance may be present.

Generating and Managing Waste

Industrial waste (non-hazardous/non-radioactive) would be generated during renovation. Project activities have the potential to generate hazardous waste (e.g., metals, coatings, brass, solder, electronics, lamps, etc.).

Asbestos waste is also anticipated.

Polychlorinated biphenyls (PCBs) could be present in pre-1982 materials such as painted surfaces, wire pulling lubricant, light ballasts, and other fluids and components.

Releasing Contaminants

Although not anticipated, spills may occur.

Using, Reusing, and Conserving Natural Resources

Excess materials such as equipment, building materials, and scrap metal would be diverted from the landfill and reused/recycled to the extent practicable.

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 B to Subpart D, B2.1 "Workplace enhancements"

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Justification: Project activities are consistent with 10 CFR 1021, Appendix B to Subpart D, B2.1 "Modifications within or contiguous to an existing structure, in a previously disturbed or developed area, to enhance workplace habitability ..."

Is the project funded by the American Recovery and Reinvestment Act of 2009 (Recovery Act) Yes No

Approved by Jason Sturm, DOE-ID NEPA Compliance Officer on: 2/15/2017