

DOE-ID NEPA CX DETERMINATION

Idaho National Laboratory

SECTION A. Project Title: Power Burst Facility (PBF)-638 and Central Facilities (CF)-617 Manual Transfer Switch Installation

SECTION B. Project Description and Purpose:

Currently, there are no alternate means to power facilities PBF-638 and CF-617 in the event of commercial power loss. Modification and installation of manual transfer switches (MTSs) would allow the ability to switch over to diesel generator during a loss of commercial power. The proposed action would install MTSs for the two facilities.

The project would include the following:

PBF-638:

- 1) Remove and replace electric meter
- 2) Remove and install bollards
- 3) Remove and install conductors running to PBF-638
- 4) Install framing support
- 5) Install new MTS and supporting conduit
- 6) Test new conductors

CFA-717:

- 1) Remove disconnect
- 2) Remove framing support
- 3) Remove and install conductors
- 4) Install new MTS
- 5) Test new conductors

Estimated cost for both facility MTSs installations is \$128,000.00.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions

Fugitive dust may be generated while removing and replacing the protective bollards near PBF-638 transformer pad. If dust control methods are required, the method used and frequency applied must be recorded in the project records to demonstrate compliance with Idaho Administrative Procedures Act (IDAPA) air requirements.

Disturbing Cultural or Biological Resources

A very small area near the PBF-638 transformer pad will be disturbed when removing and replacing bollards. Although this is a previously disturbed area, Cultural Resources will be contacted due to sensitive Cultural sites around Critical Infrastructure Test Range Complex (CITRC).

Generating and Managing Waste

Typical non-hazardous construction waste such as concrete, scrap wire, conduit, packaging material, Resource Conservation and Recovery Act (RCRA) empty chemical containers, etc., will be generated during the project. Scrap metal will be sent to excess for recycle as appropriate.

Releasing Contaminants

Chemicals such as lubricants, fuels, adhesives, paints, concrete, etc., will be used on the project. The subcontractor will submit chemical inventory lists and associated Safety Data Sheets in the vendor data system for approval. The Construction Chemical Coordinator will track these chemicals in the Comply Plus Chemical Management System.

Using, Reusing, and Conserving Natural Resources

Scrap metal will be recycled where appropriate and practical.

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)-

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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: National Environmental Policy Act (NEPA) Implementing Procedures, Final Rule, 10 CFR 1021, Appendix B to Subpart D, Categorical Exclusion B1.31 "Installation or relocation of machinery and equipment."

Justification: The proposed activities are consistent with CX B1.31 "Installation or relocation and operation of machinery and equipment (including, but not limited to, laboratory equipment, electronic 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: 2/16/2016