

DOE-ID NEPA CX DETERMINATION

SECTION A. Project Title: CPP-663 HVAC Systems Upgrade

SECTION B. Project Description

The scope of work will be to repair and/or replace the existing heating, ventilation, and air conditioning system located in building CPP-663 at the Idaho National Engineering Laboratory. The scope will be to repair the existing system or identify an energy efficient replacement to the existing system and place an NFPA 70E code compliant electrical metering system that will monitor building electrical usage. CPP-663 is a two story maintenance/ craft warehouse building. The building houses offices, maintenance shops, storage rooms, and other support functions.

SECTION C. Environmental Aspects / Potential Sources of Impact

6. Soil Disturbance: An 8 X 14 foot concrete equipment pad will need to be constructed next to CPP-663. Some minor soil disturbance will take place.

11 Industrial Waste: approximately 5 cubic meters of industrial waste will be generated and will be disposed of at an industrial landfill.

18 Chemical Use/Storage: Small amounts of chemicals will be used during construction. All chemicals will be stored, used and disposed of in accordance with approved procedures.

SECTION D. Determine the 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.

Note: 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, including requirements of DOE orders; 2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment 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) adversely affect environmentally sensitive resources. 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: B2.1, Modifications to an existing structure to enhance workplace habitability (including but not limited to ...heating/ventilation/air conditioning...).

Justification: The activity consists of the repair and or replacement of a heating and ventilation system in a maintenance/craft warehouse.

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 12/10/2010