

DOE-ID NEPA CX DETERMINATION

SECTION A. Project Title: Cooling System for Substation Bldg CPP-613

SECTION B. Project Description

The scope of work includes the purchase and installation of an Energy Star compliant 208V three phase staged cooling system capable of maintaining CPP-613 at a temperature below 85 degrees F. The system shall be designed to operate at an elevation of 5000 feet with outside environmental temperatures ranging from -20°F to 100°F.

The cooling system shall be pad mounted on the east side of the building between the two cable feeds. The concrete pad will be provided by DOE. The scope of work includes purchasing an appropriately sized cooling system, placing the unit on the concrete pad, making all necessary wall penetrations into the building, installing ductwork and air handlers inside the building, and installing a thermostat. An appropriately sized electrical panel with breakers will be provided inside CPP-613.

SECTION C. Environmental Aspects / Potential Sources of Impact

Industrial Waste Generation – Any industrial wastes generated during this operation will be managed and disposed in accordance with all Federal, state and local regulations.

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: B1.4, Installation or modification of air conditioning systems required for temperature control for operation of existing equipment.

Justification: The activity consists of installing a cooling system in a substation.

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 09/28/2011.