U.S. Department of Energy
Categorical Exclusion Determination Form

Submit by E-mail

Proposed Action Title: Building 12-75B Expansion for UPS and HVAC Upgrade

Program or Field Office: NNSA Production Office (Pantex)

Location(s) (City/County/State): Amarillo, Carson, Texas

Proposed Action Description:

The project would replace the uninterruptable power supply (UPS) for 12-75 with an upgraded 200-kilovolt amperes (KVA) capability. Installation of the higher capacity UPS requires changes to the footprint and electrical/mechanical reconfiguration of building sections. This would include demolition of parts of the hardened structure and rebuilding the electrical and mechanical rooms. The project scope includes relocation of affected underground utilities and providing temporary power to keep the remainder of facility operational, demolishing and rebuilding the electrical and mechanical equipment rooms of the hardened facility and installing new electrical and mechanical equipment in the modified building structure. This project also replaces two existing and adds one new computer room air conditioners (CRACs) and a new heating/ventilation/air conditioning (HVAC) unit in the data center as well as transformers external to the facility. The hardened emergency generator building would also be modified to accommodate a new larger generator and a new larger diesel fuel storage tank.

Categorical Exclusion(s) Applied:

B1.15 - Support buildings

B2.1 - Workplace enhancements

For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, including the full text of each categorical exclusion, see Subpart D of 10 CFR Part 1021.

Regulatory Requirements in 10 CFR 1021.410(b): (See full text in regulation)

☑ The proposal fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D.

To fit within the classes of actions listed in 10 CFR Part 1021, Subpart D, Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, 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 facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities; (3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR Part 1021, Subpart D, Appendix B; (5) involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those listed in paragraph B(5) of 10 CFR Part 1021, Subpart D, Appendix B.

☑ There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.

☑ The proposal has not been segmented to meet the definition of a categorical exclusion. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

Based on my review of the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1B), I have determined that the proposed action fits within the specified class(es) of action, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.

NEPA Compliance Officer: Jack Zanger

Digitally signed by Jack Zanger
DN: c=us, o=U.S. Government, ou=Department of Energy, ou=Pantex Plant, ou=NNSA Site Office, serialNumber=jzanger, cn=Jack Zanger
Date: 2015.03.17 14:35:25 -05'00'

Date Determined: 03/17/2015

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