



U.S. Department of Energy Categorical Exclusion Determination Form

Submit by E-mail

Proposed Action Title: Temporary Back-Up Generator Installation – Amendment 01

Program or Field Office: NNSA Production Office (Pantex)

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

Proposed Action Description:

The original project was a design-Build project for design, installation and start-up of a temporary, stand-alone, stand-by diesel generator unit (approximately 10' wide by 60' long) to provide temporary back-up power to the G-Loop as assurance that the Plant has adequate protection until the planning, design and construction of permanent replacement generators could be accomplished.

After design began, Explosive Safety identified that modification to the currently designed generator belly tank would be necessary to meet requirements for above ground storage. As a result, the Texas Commission on Environmental Quality (TCEQ) was contacted for their opinion on the regulatory impact of fueling the new engine using the existing piping which serves the current engines. The TCEQ provided concurrence that by connecting to the lines following their entry point into the facility, would not impact the "underground tank system" in a manner that would require bringing the entire system up to current design requirements. The existing generator belly tank would remain part of the generator; however, it would be isolated and not utilized. An additional day tank of approved capacity would be required to temporarily replace inadequate day tanks currently installed in the facility

Categorical Exclusion(s) Applied:

- B1.3 - Routine maintenance
- B1.15 - Support buildings
- B1.31 - Installation or relocation of machinery and equipment
- B2.2 - Building and equipment instrumentation

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: cn=Jack Zanger, o=U.S. Department of Energy, ou=U.S. National Security Council, email=jack.zanger@hq.doe.gov, c=US
Date: 2017.02.01 10:34:55 -0800

Date Determined: 01/26/2017