U.S. Department of Energy
Categorical Exclusion Determination Form

Submit by E-mail

Proposed Action Title: Safety, Health, & Environmental Improvements for FY2020 and FY2021

Program or Field Office: NNSA Production Office (Pantex)

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

Proposed Action Description:

This NEPA document would be considered an "umbrella" document for Pantex Plant projects pertaining to safety, health, and environmental improvements. Additional NEPA documentation providing greater project detail would be submitted for individual projects and would be tiered from this umbrella document. Evaluations by the Air & Water Operations Section of the Environmental Compliance Department (ECD) would be required for any projects involving systems that would increase or decrease the potential emissions of radionuclides and/or other chemicals (carbon monoxide, nitrogen oxides, sulfur dioxide, particulate matter, and hazardous air pollutants) to the atmosphere.

The types of activities within the scope of this review would be:
- Modifications of an existing structure to enhance workplace habitability
- Installation of, or improvements to, building and equipment instrumentation
- Installation of, or improvements to, equipment and personnel safety and health
- Safety and environmental improvements of a facility, including replacement and upgrade of facility components that do not result in a significant change in the expected useful life, design capacity, or function of the facility, and during which operations may be suspended and then resumed

Categorical Exclusion(s) Applied:

B2.1 - Workplace enhancements

B2.2 - Building and equipment instrumentation

B2.3 - Personnel safety and health equipment

B2.5 - Facility safety and environmental improvements

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 Date: 2019.08.29 09:35:46 -05'00' Date Determined: 08/29/2019

(This form will be locked for editing upon signature)