



U.S. Department of Energy Categorical Exclusion Determination Form

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Proposed Action Title: Ground Threat Assessment System (GTAS) – Amendment 2

Program or Field Office: NNSA Production Office

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

Proposed Action Description:

The original Ground Threat Assessment System (GTAS) consisted of installing seven 25 ft. towers placed in various areas of the plant. Amendment 01 addressed the installation of an 8th tower.

This Amendment 02 would address the upgrade of 500 ft. of existing access with gravel to provide an all-weather roadway. Note that the first 300 ft. is currently a two-track road and the remaining 200 ft. is a path through the rangeland with no improvements. The Corps of Engineers would do all work associated with this amendment.

The preliminary design of the all-weather access roadway would be to skim-grade and remove the center vegetation on the existing gravel (two-track) road, compact subgrade as required, and place and compact a proposed 4 inches of crushed gravel to a 14-foot width for the initial 300 ft. length from the paved access road. The last 200 ft. would then be graded and the remaining full-depth vegetation access removed, compacting the sub-grade as required, and placing and compacting a proposed 6 inches of crushed gravel to a 14-foot width up to the project site. The Contractor would perform the geotechnical investigation required to confirm the sub-grade preparation and proposed gravel thicknesses above, or recommend modifications, to provide a 500-foot long sustainable all-weather access road.

Categorical Exclusion(s) Applied:

B1.15 - Support buildings

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=US Government, ou=Department of Energy, ou=Y-12 National
Security Complex, ou=CA, ou=Person, cn=Jack Zanger
Date: 2016.03.07 10:53:19 -0500

Date Determined: 03/07/2016