U.S. Department of Energy
Categorical Exclusion Determination Form

Submit by E-mail

Proposed Action Title: Environmental Restoration and Waste Management Activities for Pantex Plant for FY 2014

Program or Field Office: NNSA Production Office

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

Proposed Action Description:

This NEPA document would be considered an “umbrella” document for Pantex Plant projects pertaining to environmental restoration and waste management activities for FY 2014. It covers the actions required for remediation and cleanup conducted in accordance with guidance from the Texas Commission on Environmental Quality (TCEQ). Additional NEPA documentation providing greater project detail would be submitted for individual projects, and would be tiered from the appropriate NEPA Review.

The scope of this umbrella document includes the following types of activities:

- Remedial actions, including design, construction, and operation of corrective measures (e.g., landfill covers and soil remediation activities);
- Accelerated soil cleanups;
- Integration of cleanup actions conducted in accordance with Resource Conservation and Recovery Act (RCRA) corrective action requirements, with Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) requirements and as applicable, requirements of NEPA;
- Lining of ditches with geosynthetic materials (e.g., reinforced polypropylene) to prevent downward migration of surface water and residual contamination through ditches and to the groundwater;
- Control and management of Solid Waste Management Units (SWMUs); and
- Installation of fences, warning signs, or other site control precautions.

Categorical Exclusion(s) Applied:

B6.1 - Cleanup actions

B6.2 - Waste collection, treatment, stabilization, and containment facilities

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: James Barrows Digitally signed by James Barrows DN: c=us, o=U.S. Government, ou=Department of Energy, ou=Pantex Plant, ou=NNSA Site Office, serialNumber=jbarrows, cn=James Barrows Date: 2013.09.25 15:17:10 -05'00' Date Determined: September 25, 2013