



# U.S. Department of Energy Categorical Exclusion Determination Form



Program or Field Office: Energy Efficiency and Conservation Block Grant Program

Project Title OK-TRIBE-PAWNEE NATION OF OKLAHOMA

Location: Tribe OK-TRIBE-PAWNEE NATION OF OKLAHOMA OK

Proposed Action or Project Description

American Recovery and Reinvestment Act:

The Pawnee Nation of Oklahoma proposes to install closed, vertical-loop ground source heat pump systems (approximately fourteen individual heat pumps ranging in size from 2-4 tons) on the Health and Community Services Building to enhance the energy efficiency of the building. The well field would consist of approximately 30 bores, 300-ft deep, and would be grouted with bentonite and cement placed on top of the grout. In addition, the Pawnee Nation proposes to install a closed, vertical-loop ground source heat pump system (approximate 5-ton unit) on the Food Distribution Expansion Facility. The well field would consist of 4 bores, 250-ft deep, and would be fully grouted. A state-certified drill contractor would be used to install all of the ground source heat pumps.

Conditions: None

Categorical Exclusion(s) Applied: B5.1

\*-For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, see Subpart D of 10 CFR 1021.

This action would not: threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, including DOE and/or Executive Orders; require siting, construction, or major expansion of waste storage, disposal, recovery, or treatment facilities, but may include such categorically excluded facilities; disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases; or adversely affect environmentally sensitive resources (including but not limited to those listed in paragraph B.(4)) of Appendix B to Subpart D of 10 CFR 1021). Furthermore, there are no extraordinary circumstances related to this action that may affect the significance of the environmental effects of the action; this action is not "connected" to other actions with potentially significant impacts, is not related to other proposed actions with cumulatively significant impacts, and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211.

Based on my review of information conveyed to me and in my possession (or attached) concerning 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.

ORO NEPA Compliance Officer

**Gary S. Hartman**

Date Determined:

6/21/2010

Comments:

Webmaster: