



U.S. Department of Energy Categorical Exclusion Determination Form



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

Project Title OK-TRIBE-MUSCOGEE (CREEK) NATION, OKLAHOMA

Location: Tribe OK-TRIBE- MUSCOGEE (CREEK) NATION, OKLAHOMA OK

Proposed Action or Project Description:

American Recovery and Reinvestment Act:

The Muscogee (Creek) Nation (MCN) of Oklahoma proposes to 1) develop a comprehensive Energy Efficiency and Conservation Strategy (EECS), 2) utilize technical consultant services to develop and analyze the comprehensive EECS, 3) conduct energy audits on residential and commercial buildings, 4) conduct energy efficiency retrofits on single- and multi-family housing units throughout the area to include—installing (and disposing of same) insulation; appliances; heating, ventilating, and air conditioning units; doors, windows, caulking, and other materials that provide energy efficiency benefits and installation of a geothermal heating and air unit on 15 elderly duplex units—includes boring approximately 60 holes to 225 ft, installing uniconils, pressure grouting bore holes, and installing supply and return piping for units; 5) construct a recycling depot/transfer station warehouse on or near the MCN Headquarters office campus which would include purchasing collection bins, purchasing a lift van to collect materials, purchasing large storage bins for the warehouse, procuring miscellaneous office materials, generating educational materials to inform tribal staff of the new recycling program, procuring miscellaneous handling materials (e.g., gloves), and hiring a recycling technician; 6) purchase a compact mobile geothermal well rig, transport trailer, and haul truck for the MCN; and 7A) install an approximately 75-ton, closed-loop, vertical geothermal system at the College of the Muscogee Nation Building #1 (which includes drilling approximately 42 boreholes to approximately 400 ft) (This geothermal activity is part of a larger project to be included in an accredited college being constructed at the cost of several millions of dollars that would have occurred regardless of DOE funding for the geothermal project. Construction of this project has been ongoing throughout CY 2010. Installation of the geothermal system has been completed, and DOE is reimbursing MCN for the cost of the system.); and 7B) install geothermal systems in student residential housing units (sixteen 2-ton units and one 4-ton unit with a total of 36 vertical wells at 200 feet).

Conditions: None

Categorical Exclusion(s) Applied: A9, A11, B2.5, B5.1, B5.19

*-For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, see Subpart D of 10 CFR 10 21

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:

4/3/2012



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Comments:

Webmaster: