U.S. Department of Energy
Categorical Exclusion Determination Form

Program or Field Office: Energy Efficiency and Conservation Block Grants

Project Title: Warren County GSHP

Location: Iowa County of Warren

Proposed Action or Project Description: American Recovery and Reinvestment Act: ☒

Project is a retrofit of the Annett Nature Center (home of the Warren County Conservation Board and a field office of the Iowa Department of Natural Resources) for geothermal heating and cooling. Furnaces and air conditioning units in the building will be replaced and the geothermal field will be installed immediately east of the building in an area disturbed during building construction in 1996 and 1997.

The total tonnage of the system is 26 tons on previously disturbed land with no indicators for significant environmental impacts. Warren County mechanical and electrical permits will be obtained and the directional boring contractor is licensed.

Categorical Exclusion(s) Applied:

X - B5.1 Actions to conserve energy

*-For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, see Subpart D of 10 CFR10 21 Click Here

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.

NEPA Compliance Officer: Othalene J. Lawrence Date Determined: Mar 25, 2010

Comments: Webmaster: Billie Newland

Digitally signed by Billie Newland
DN: cn=Billie Newland, o=Department of Energy, ou=Office of Energy Efficiency and Renewable Energy, email=Billie.Newland@hq.doe.gov, c=US
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