U.S. Department of Energy
Categorical Exclusion Determination Form

Program or Field Office: EECBG-EERE/RW

Project Title: Adult Detention Facility -Energy Conservation Projects-Energy Recovery Ventilators

Location: Nebraska Lancaster County

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

In 2008 the Lancaster County Board approved the construction of a 672 bed County adult Detention Facility (CADF), for occupancy in 2012.

Detention Facility construction activities are scheduled to begin in July of 2009. Commercial operation of the facility is scheduled to begin in the fall of 2011.

Project Activity: "Energy Recovery Ventilators".

Air to air energy recovery is the process of recovering air and moisture from an airstream at a high temperature or humidity to an airstream with a lower temperature or humidity. In this application, the ERV (energy recovery ventilator) lowers the enthalpy of the building outside air during warm weather and raises it during cold weather by transferring energy between the ventilation air supply and exhaust/relief airstreams. This lowers the amount of chilled water or heating hot water required to condition the supply air leaving the

Categorical Exclusion(s) Applied:

X - B2.5 Safety and environmental improvements of a facility, replacement/upgrade of facility components

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 Lawrence Digitally signed by Othalene Lawrence DN: cn=Othalene Lawrence, o=OIBMS, ou=EE-3C, email=Othalene.Lawrence@ee.doe.gov, c=US Date: 2010.04.27 11:55:20 -07'00' Date Determined: Apr 27, 2010

Comments: Webmaster: Billie Newland Digitally signed by Billie Newland DN: cn=Billie Newland, o=U.S. Department of Energy, ou=EERE, email=Billie.Newland@hq.doe.gov, c=US Date: 2010.04.29 12:13:38 -04'00'

Submit to Webmaster
Submit via Email
Submit to Website
Print Form for Records

THINK BEFORE YOU PRINT