CATEGORICAL EXCLUSION (CX) DESIGNATION FORM

Recipient Name: University of Kentucky

Action or Project No.: ______________________

FY: 2010

Performance Period: October 2010 - September 2015

Location: Lexington, KY

ARRA ☐ Yes ☒ No

Grant No.: DOE-FOA-0000324

DOE Sponsoring Org. (FE, OE, RE, etc.): FE

NETL Sponsoring Org.: PI

NETL Contact: R. Paul Detwiler

Brief Title of Proposed Action:

US-China Advanced Coal Technologies Consortium (ACT)

Brief Description of Proposed Action:

Laboratory-scale research undertaken by the University of Kentucky in support of the US-China Advanced Coal Technologies Consortium.

THE PROPOSED ACTION FALLS WITHIN THE FOLLOWING CATEGORICAL EXCLUSION(S) FROM APPENDICES A AND B OF DOE NEPA IMPLEMENTING PROCEDURE:

General Administration/Management

☐ A1 - Routine business actions

☐ A2 - Administrative contract amendments

☐ A3 - Transfer of property, use unchanged

☐ A8 - Award of technical support/M&O/personal service contracts

☐ A9 - Info gathering, analysis, documentation, dissemination, and training

☐ A11 - Technical advice and planning assistance

☐ A12 - Emergency Preparedness planning

☐ A14 - Approval of technical exchange arrangements

Facility Operations

☐ B1.2 - Training exercises and simulation

☐ B1.3 - Routine maintenance and custodial services

☐ B1.4 - Air conditioning installation for existing structures

☐ B1.5 - Cooling water system improvements in existing structures

☐ B1.7 - Communication system and data processing equipment acquisition, installation, operation, removal

☐ B1.13 - On-site pathway or short access road construction/acquisition

☐ B1.15 - Support building or structure, non-waste storage, construction/operation

☐ B1.16 - Removal of asbestos in accordance with regulations

☐ B1.22 - Building relocation to developed area/demolition/disposal

☐ B1.23 - Demolition/disposal of buildings, equipment, and structures

☐ B1.24 - Transfer, disposition, or acquisition of uncontaminated structures or equipment, environmental quality maintained

☐ B1.25 - Transfer, disposition, or acquisition of contaminated land or facilities

☐ B1.26 - Small (<25,000,000 (PPD) WWF facility construct/oper/decom

☐ B1.27 - Disconnection of utilities

☐ B1.28 - Placement of unused facilities in environmentally safe condition

☐ B1.29 - Small ex-site const/decon/waste disposal facility const/oper

☐ B1.30 - Transfer/transportation actions

☐ B1.31 - Relocation/operation of machinery or equipment, similar use

☐ B1.32 - Traffic flow adjustments, existing roads

Safety and Health

☐ B2.1 - Modifications to enhance workplace habitability

☐ B2.2 - Installation/improvement of building/equipment instrumentation

☐ B2.3 - Installation of equipment for personnel safety and health

☐ B2.5 - Facility safety and environmental improvements, replacement or upgrade of facility components, no change in useful life

General Research

☐ B3.1 - Site characterization/environmental monitoring

☐ B3.2 - Research related to conservation of fish and wildlife

☐ B3.6 - R&D or pilot facility construction/operation/decommissioning

☐ B3.7 - New infill exploratory, experimental oil/gas/geothermal well construction/operation construction/operation

☐ B3.8 - Outdoor ecological/environmental research in small area

☐ B3.9 - Certain CCT demonstration activities, emissions unchanged

☐ B3.11 - Outdoor tests, experiments on materials and equipment components

Power Resources Distribution/Facilities/Generation/Operations/Management

☐ B4.1 - Acquisition/utilization of excess electric power without: integration of new generation source(s), major physical changes to transmission system, or changes to normal generation operating limits

☐ B4.4 - Power service storage, load shaping, seasonal adjustments

☐ B4.6 - Transmission support addition/modifications at developed facility site

☐ B4.8 - Transmission agreements/modifications using one transmission system to transfer power to and from another system, without new generation sources or major physical changes to transmission systems

☐ B4.11 - Construction of power substations/support equipment/facilities with power delivery at < 230kV to include project power lines development <10 miles or power line relocation <20 miles; no integration of major new generation resources into a main transmission system.

Conservation, Fossil, and Renewable Energy Activities

☐ B5.1 - Actions to conserve energy, no indoor air quality degradation

☐ B5.2 - Modification to oil/gas/geothermal pumps and piping, no flow changes or air emission effects

☐ B5.3 - Modification (net expansion)/abandonment of oil storage access/brine injection/oil/gas/geothermal well; no site closure

☐ B5.4 - Repair/replacement of pipeline sections within maintenance provisions of a Section 404 permit

☐ B5.5 - Short crude oil/gas/steam/geothermal pipeline const/oper within a single industrial complex/existing right-of-way

☐ B5.12 - Workover of existing oil, gas, geothermal wells to restore production

Environmental Restoration/Waste Minimization

☐ B6.1 - Cleanup actions: small-scale, short-term (< 55M and 5 years)

☐ B6.3 - Environmental control system improvements in existing structures, recycle/release/disposal within permitted facility

Other

☐ Specify category:

DOE INITIATOR SIGNATURE: [Signature]

NEPA Compliance Officer: [Signature]

NCO Comment:

DATE: 09_16_2010

DATE: 02_16_2011