U.S. DEPARTMENT OF ENERGY - NETL

CATEGORICAL EXCLUSION (CX) DESIGNATION FORM

ARRA ☐ Yes ☒ No Grant No.: DOE-FA0-0000324
DOE Sponsoring Org. (FE, OE, EE, 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:
Information gathering, data analysis, technical advice, and associated administrative tasks undertaken by the Indiana Geological Survey 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
☐ A7 - Transfer of property, use unchanged
☐ A8 - Award of technical support/MEO/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 uncontrolled structures or equipment, environmental quality maintained
☐ B1.25 - Transfer, disposition, or acquisition of uncontrolled land for habitat preservation/wildlife management
☐ B1.26 - Small (<250,000 GPD) WWT facility const/oper/decom
☐ B1.27 - Disconnection of utilities
☐ B1.28 - Placement of unused facilities in environmentally safe condition
☐ B1.29 - Small on-site coast/demolition 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 instrumentaion
☐ 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
☐ B3.3 - Research related to conservation of fish and wildlife
☐ B3.6 - R&D or pilot facility construction/operation/decommissioning
☐ B3.7 - New in situ exploratory, experimental oil/gas/geothermal well 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 subsystem, without new generation sources or major physical changes to transmission systems
☐ B4.11 - Construction of power substitution/supplement equipment/facilities with power delivery at <230kV not included project power lines development:<10 miles 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/thermal pumps and piping, no flow changes or air emission effects
☐ B5.3 - Modification (not expansion/abandonment of oil storage access/brine injection/gas/geothermal wells, 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 (<5 year and 5 years)
☐ B6.3 - Environmental control system improvements in existing structures, recycle/release/disposal within permitted facility

Other
☐ Specify category:

Recipient Name: Indiana Geological Survey
Action or Project No.: 
FY: 2010
Performance Period: October 2010 - September 2015
Location: Bloomington, IN

NEPA INITIATOR SIGNATURE: [Signature]
NEPA Compliance Officer: [Signature]
NCO Comment:

DATE: 07/16/2010
month day year

DATE: 02/16/2011
month day year