NETL F 451.1-1/1 Revised: 11/24/2014 Reviewed: 11/24/2014 (Previous Editions Obsolete)

U.S. DEPARTMENT OF ENERGY - NETL

CATEGORICAL EXCLUSION (CX) DESIGNATION FORM

Project No.: DE-FE0032467	Recipient Name: The Ohio	State Univers	Project Location: Gille	tte,WY;Columbus,O
Sub-recipient(s) and Locations: Zenith Purification LLC: Missouri City, Tx; Wyoming Integrated Test Center: Gillette, Wy; Trimeric: Buda, Tx				
NETL Sponsoring Org.: FECM/TDC/CM Brief Title of Proposed Action: Eng So Brief Description of Activities:	/Point Source Carbon C cale Design & Testing o	NETL Contact: I	Dylan Leary nal Membrane Techno	plogy for NGCC
OSU will perform engineering fabricate membrane modules at			mbrane at the Wyom.	ing ITC. OSU will
THE PROPOSED ACTION FALLS WITHIN THE FOLLOWING CATEGORICAL EXCLUSION(S) FROM APPENDICES A AND B TO SUBPART D OF DOE NEPA IMPLEMENTING PROCEDURES (10 CFR 1021):				
General Administration/Management		Electrical Power and Transmission □ B4.4 − Power management activities (storage, load shaping, and balancing) □ B4.6 − Transmission support addition/modifications at developed facility site □ B4.11 − Construction of power substations and interconnection facilities □ B4.13 − Upgrading and rebuilding existing power lines (< 20 miles) Conservation, Fossil, and Renewable Energy Activities □ B5.1 − Actions to conserve energy, no indoor air quality degradation □ B5.3 − Modification/abandonment of wells □ B5.5 − Short crude oil/gas/steam/geothermal/carbon dioxide pipeline const/oper within an existing right-of-way (< 20 miles) between existing facilities □ B5.13 − Experimental wells for injection of small quantities of carbon dioxide (< 500,000 tons) □ B5.15 − Small scale renewable energy research/development/pilot projects □ B5.22 − Alternative fuel vehicle fueling stations □ B5.23 − Electric vehicle charging stations Other		
		☐ Specify category:		
		☐ Specify cates	gory:	
		This action (1) would not present any ex (2) is not connected to other actions with (4) is not inconsistent with 10 CFR 1021	potentially significant impacts; (3	B) is not related to other
SELECT ONE OF THE FOLLOWIN ☑ This Categorical Exclusion includes ☐ This Categorical Exclusion is only varesponsibility to obtain a NEPA dete	all tasks and phases in the Stateme alid for the following tasks/phases		The DOE	initiator acknowledges the
SELECT ONE OF THE FOLLOWIN ☑ This Categorical Exclusion includes ☐ Additional sites, sub-recipients, or ac determination prior to initiating any	all locations and activities for this ctivities cannot be identified at this activities outside the scope of this	time. The DOE initia Categorical Exclusion	•	
NOTE: ANY CHANGE(S) TO THE PROJECT SCOPE OR LOCATIONS MAY REQUIRE A NEW NEPA DETERMINATION.				
DOE Initiator Signature: DYLAN LEARY	Digitally signed by DYLA Date: 2024.01.19 11:01:1	N LEARY 8 -05'00'		19 / 2024 lay year
NEPA Compliance Officer: MARK LUSK Digitally signed by MARK LUSK Date: 2024.01.29 14:07:44-05:00			Date:	lay year <mark>29 / 2024</mark> lay year
The following special condition is provided for the consideration of the Contracting Officer:				