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-FE0032076  Sub-recipient(s) and Locations:	Recipient Name: Oh:	io State	University	Project Location	on: Columbus,	ОН
University of Michigan, Ann Arbor,	MI					
NETL Sponsoring Org.: FE/TDC/ACCM/I Brief Title of Proposed Action: H2 Fuel I Brief Description of Activities:	ES Team Effects on Stab	and Op	NETL Contact: eration of L	Richard Dalean-Premixed	ton land Staged	GT Combustors
Operation of lab scale high te multiple test campaigns, compu						
THE PROPOSED ACTION FALLS WITH SUBPART D OF DOE NEPA IMPLEMEN				LUSION(S) FRO	M APPENDICE	CS A AND B TO
General Administration/Management  ☐ A1 – Routine business actions  ☑ A9 – Info gathering, analysis, documentation. ☐ A11 – Technical advice and planning assistant  Facility Operations ☐ B1.3 – Routine maintenance and custodial second installation, operation, removal ☐ B1.7 – Communication system and data production installation, operation, removal ☐ B1.15 – Support building or structure, non-wooperation  Safety and Health ☐ B2.1 – Modifications to enhance workplace horizontal material material search ☐ B2.2 – Installation/improvement of building/econd based on the production of equipment for personned and search material search ☐ B3.1 – Site characterization/environmental material material search material s	dissemination, and train tree  rvices essing equipment acquisit aste storage, construction abitability equipment instrumentation I safety and health onitoring ration/decommissioning iil/gas/geothermal well emissions unchanged	tion,	Electrical Powe  ■ B4.4 – Pow  □ B4.6 – Trai  □ B4.11 – Co  □ B4.13 – Up  Conservation, F  □ B5.1 – Acti □ B5.3 – Moo  □ B5.5 – Sho  cons exis □ B5.13 – Ex dic □ B5.15 – Sn □ B5.22 – Al	nsmission support aconstruction of power organing and rebuild sossil, and Renewabions to conserve ene dification/abandonment crude oil/gas/stearst/oper within an exiting facilities reperimental wells for oxide (< 500,000 tonnall scale renewable ternative fuel vehicle ectric vehicle charging egory:	ddition/modification: substations and inte ing existing power li le Energy Activities rgy, no indoor air qu tent of wells m/geothermal/carbor sting right-of-way (< ri>rinjection of small qu tents) energy research/dev te fueling stations	nality degradation  n dioxide pipeline < 20 miles) between
This action (1) would not present any extraordinary circumstances such that the action might have a significant impact upon the human environment; (2) is not connected to other actions with potentially significant impacts; (3) is not related to other actions with cumulatively significant impacts; and (4) is not inconsistent with 10 CFR 1021.211 - Interim Actions or 40 CFR 1506.1 - Limitations during the NEPA process.						
SELECT ONE OF THE FOLLOWING:  ☐ This Categorical Exclusion includes all ☐ This Categorical Exclusion is only valid responsibility to obtain a NEPA determ  SELECT ONE OF THE FOLLOWING: ☐ This Categorical Exclusion includes all ☐ Additional sites, sub-recipients, or active determination prior to initiating any active contents.	I for the following tas ination prior to initiat locations and activitie ities cannot be identif	ks/phases ing any actives for this priced at this ti	vities outside the so oject. me. The DOE init	cope of this Categ	The DOE initiate orical Exclusion.	tor acknowledges the
NOTE: ANY CHANGE(S) TO THE PROJECT SCOPE OR LOCATIONS MAY REQUIRE A NEW NEPA DETERMINATION.						
DOE Initiator Signature: RICHARD DALTON	Dig Day	itally signed by RICHARD I e: 2021.05.27 15:56:18 -04	DALTON '00'	Date:		<u>2021</u>
NEPA Compliance Officer: PIERINA FAYISH Digitally signed by PIERINA FAYISH Date: 2021.06.01 10:16:32 -04000				Date:	month day  06 / 01  month day	year / <mark>2021</mark> year
The following special condition is provided	for the consideration	of the Cont	racting Officer:			