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-FE0032344 Recipiont(s) and Locations:	oient Name: Southwest F	esearch Ins Projec	ct Location: San Anto	onio, TX
Sub recipions(s) and Escanons				
NETL Sponsoring Org.: FECM/TDC/RS/Adv. Rem. and CH4 Mit. NETL Contact: Gary Covatch Brief Title of Proposed Action: Full Scale Natural Gas Compressor Loop Testing with Blended Hydrogen Brief Description of Activities: Conduct full scale natural gas compressor loop testing with hydrogen blending. Conduct design review and modify existing compressor loop for hydrogen blending. Test at various percentages of hydrogen.				
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 ☐ A1 — Routine business actions ☒ A9 — Info gathering, analysis, documentation, dissonant of the processing of the proc	g equipment acquisition, torage, construction/ bility ment instrumentation ty and health	□ B4.6 − Transmission □ B4.11 − Construction □ B4.13 − Upgrading a Conservation, Fossil, and □ B5.1 − Actions to co □ B5.3 − Modification □ B5.5 − Short crude of const/oper with existing facility □ B5.13 − Experiment dioxide (<5) □ B5.15 − Small scale	gement activities (storage, lost apport addition/modification of power substations and in und rebuilding existing power a Renewable Energy Activitions are energy, no indoor air abandonment of wells wil/gas/steam/geothermal/cart thin an existing right-of-way ties all wells for injection of smal (00,000 tons) renewable energy research/defuel vehicle fueling stations	ons at developed facility site and the connection facilities or lines (< 20 miles) es quality degradation on dioxide pipeline of (< 20 miles) between I quantities of carbon
 ⊠ B3.6 – R&D or pilot facility construction/operation/decommissioning □ B3.7 – New infill exploratory, experimental oil/gas/geothermal well construction and/or operation □ B3.9 – Certain CCT demonstration activities, emissions unchanged ⊠ B3.11 – Outdoor tests, experiments on materials and equipment components 		☐ Specify category:		
		☐ Specify category:		
		☐ Specify category:		
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 tasks and phases in the Statement of Work or Statement of Project Objectives for this project. ☐ This Categorical Exclusion is only valid for the following tasks/phases ☐ The DOE initiator acknowledges the responsibility to obtain a NEPA determination prior to initiating any activities outside the scope of this Categorical Exclusion.				
SELECT ONE OF THE FOLLOWING: ☐ This Categorical Exclusion includes all locations and activities for this project. ☐ Additional sites, sub-recipients, or activities cannot be identified at this time. The DOE initiator acknowledges the responsibility to obtain a NEPA determination prior to initiating any activities outside the scope of this Categorical Exclusion.				
NOTE: ANY CHANGE(S) TO THE PROJECT SCOPE OR LOCATIONS MAY REQUIRE A NEW NEPA DETERMINATION.				
DOE Initiator Signature: Gary Covatch	Digitally signed by Gary Covato Date: 2023.06.27 13:40:55-041	00'	Date: 06 / 27	/ 2023
NEPA Compliance Officer: STEPHEN WITMER	Digitally signed by STEPHE Date: 2023.07.25 17:11:23	N WITMER 04'00'	month day Date: 07 / 25	year / 2023
The following special condition is provided for the consideration of the Contracting Officer:				