

PMC-EF2a

(2.04.02)

**U.S. DEPARTMENT OF ENERGY  
EERE PROJECT MANAGEMENT CENTER  
NEPA DETERMINATION**



RECIPIENT: Stark State College of Technology

STATE: OH

PROJECT TITLE : Solid Oxide Fuel Cell Systems PVL Pilot Line

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	EE0003229	GFO-10-387	EE3229

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 451.1A), I have made the following determination:

**CX, EA, EIS APPENDIX AND NUMBER:**

## Description:

- A9** Information gathering (including, but not limited to, literature surveys, inventories, audits), data analysis (including computer modeling), document preparation (such as conceptual design or feasibility studies, analytical energy supply and demand studies), and dissemination (including, but not limited to, document mailings, publication, and distribution; and classroom training and informational programs), but not including site characterization or environmental monitoring.
- B3.6** Siting, construction (or modification), operation, and decommissioning of facilities for indoor bench-scale research projects and conventional laboratory operations (for example, preparation of chemical standards and sample analysis); small-scale research and development projects; and small-scale pilot projects (generally less than two years) conducted to verify a concept before demonstration actions. Construction (or modification) will be within or contiguous to an already developed area (where active utilities and currently used roads are readily accessible).

## Rational for determination:

Stark State College of Technology proposes to use federal funds to complete electrical and mechanical build of a Stack Block Test Stand for active fuel cell tubes at the Fuel Cell Prototyping Center in North Canton, OH. They will also initialize testing of the Stack Block Test Stand.

Project activities include completion of control software, installation of facility electrical & controls wiring, initializing and commissioning testing for the Stack Block Test Stand, post operation inspection of the vessel heads of the Stack Block Test Stand, and project management and reporting.

Project work will take place indoors and within a laboratory. The applicant has submitted an R & D questionnaire which thoroughly addresses the College's safety and chemical handling protocols

This project comprises information gathering and conventional research and development in existing laboratory facilities; therefore a CX A9 & B3.6 apply.

**NEPA PROVISION**

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

None Given.

**SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.**

NEPA Compliance Officer Signature: \_\_\_\_\_

\_\_\_\_\_  
NEPA Compliance Officer

Date: \_\_\_\_\_

5/24/10

**FIELD OFFICE MANAGER DETERMINATION**