PMC-EF2a

(2.04.02)

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

RECIPIENT: Illinois Institute of Technology **STATE:** IL

PROJECT TITLE : Mixed Conducting Corrosion Resistant Materials for PEM fuel cells

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-PS36-08GO98009	DE-EE0000461	GFO-10-478	0

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:

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:

Illinois Institute of Technology (ITT) is proposing to use DOE funding to conduct research to further advancement of polymer electrolyte fuel cells (PEFC). Bench scale experiments will be performed that will evaluate the properties and accelerated durability of a variety of potentially functional materials for the PEFC.

Project activities will take place in two locations: Nissan Technical Center North America, Inc. (NTCNA) and ITT. Both locations currently engage in these types of studies and have established safety, hazardous waste handling, chemical handling, and disposal protocols in place. All applicable permits for laboratory operations are up to date and no new permits will be needed. An R&D questionnaire has been submitted for each location.

Activities under this proposed project involve information gathering and bench-scale research and development; therefore a CX A9 and 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 :

L.Margason 7/9/2010

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 7/12/10

NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION