

PMC-EF2a

(2.04.02)

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



RECIPIENT: Nevada Institute for Renewable Energy Commercialization

STATE: NV

PROJECT TITLE : Sub-award Title: Biomass waste to energy using Air Independent Internal Oxidation (AIIO).

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-FG36-08GO88161	GFO-GO88161-011	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:

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.

Rational for determination:

This NEPA review is for the sub recipient award following NEPA control number GFO-08-138.

The sub recipient ZERE proposes to research the commercial viability of Air Independent Internal Oxidation reactor system. This project is made up of paper and computer modeling research studies to test the reactor size and definition, reactor system design, and resources surveys and market analysis. The outcome of this project will allow for a test-able product on the laboratory scale.

No laboratory work will take place under this award. All work will be non-laboratory R&D and will include computer modeling and other computer based research. All work will take place indoors and will not involve impacts to the environment to include Endangered Species, Historic resources, Air quality, and wetlands.

The project is comprised of information gathering, data analysis and computer modeling; therefore a CX A9 will apply.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

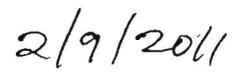
Eugene Brown 1/27/2011

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:


NEPA Compliance Officer

Date:



FIELD OFFICE MANAGER DETERMINATION

Field Office Manager review required