PMC-EF2a

(2.04.02)

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

RECIPIENT: Near Space Systems, Inc. **STATE:** CO

PROJECT TITLE : Small Hydropower Research and Development Technology Project

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000486	DE-EE0005427	GFO-0005427-001	

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, analysis, and dissemination Information gathering (including, but not limited to, literature surveys, inventories, site visits, and audits), data analysis (including, but not limited to, computer modeling), document preparation (including, but not limited to, conceptual design, feasibility studies, and analytical energy supply and demand studies), and information dissemination (including, but not limited to, document publication and distribution, and classroom training and informational programs), but not including site characterization or environmental monitoring. (See also B3.1 of appendix B to this subpart.)

Rational for determination:

Near Space Systems, Inc. is proposing to use DOE funding to investigate, develop and validate a series of next generation small hydro turbine generator designs that will have the ability to maximize the energy transfer from flowing water to electrical power generation. The objective is to determine candidate technologies that would have the potential to improve small hydro turbine performance and increased efficiency and application of small hydro turbine generators for small hydro sources.

Near Space Systems will be conducting desktop studies, design, and data analysis activities only. Based on this information, DOE has determined that this project is consistent with activities identified in categorical exclusion A9 (Information gathering data analysis, conceptual design, and information).

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

Laura Margason - April 2, 2012

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 4/3/2012

NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION

☐ Field Office Manager review required

NCO REQUESTS THE FIELD OFFICE MANAGER REVIEW FOR THE FOLLOWING REASON: