PMC-EF2a
(2.04.02)

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

RECIPIENT: Ocean Power Technologies, Inc. **STATE:** NJ

PROJECT TITLE : Advanced, High Power, Next Scale, Wave Energy Conversion Device

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000069	EE0002649	GFO-10-168	GO0

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:

Ocean Power Technologies, Inc. (OPT) is proposing to use DOE and cost-share funding in order to continue research and development activities and scale-up plans for their PowerBuoy, a wave energy conversion technology.

Tasks for this project include:

Task 1: OPT Stage 4 (wave tank testing and bench-scale research) (B3.6)
Task 2: OPT Stage 5 (finalize prototype design, including optimization of the Power Management and Electronic Control Systems and the Mechanical Structure, Mooring and Fixing and Power-Take-Off Systems) (CX A9)
Task 3: Project Management and Reporting

OPT has submitted a detailed report discussing their EHS policies and protocols. Employee safety training includes but is not limited to Hazard Communication, Personal Protective Equipment, Hazardous Energy Protection (Lock Out/Tag Out), Machine Safety, Emergency Response/Evacuation, and Chemical Management. Regular safety inspections are performed by the OPT EH&S officer. Employees perform Job Safety Analysis (JSA) prior to starting a significant manufacturing operation or process.

This project comprises information gathering and bench-scale research conducted in existing facilities with established health and safety protocols; 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 :

None Given.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 5/13/10
NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION

☐ Field Office Manager review required

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

☐ Proposed action fits within a categorical exclusion but involves a high profile or controversial issue that warrants Field Office Manager's attention.
☐ Proposed action falls within an EA or EIS category and therefore requires Field Office Manager's review and determination.

BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :

Field Office Manager's Signature: _____ Date: _____
Field Office Manager