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PMC-EF2a

(2002)

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



RECIPIENT: General Electric Global Research Center

STATE: NY

PROJECT TITLE : Recovery Act: Wind Turbine Manufacturing Process Monitoring

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-PS36-09G099009	DE-EE0001367	GFO-10-011	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.
- 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:

GE Global Research Center's (GEGRC) objective for this project is to develop and evaluate inline inspection methods to detect defects of large-scale carbon composites on wind turbine spar caps.

They will be conducting research, lab modeling and laboratory prototyping at the GEGRC site in Niskayuna, NY. A thorough R&D questionnaire has been submitted for this location and established protocols follow OSHA standards. Additional laboratory research will be conducted at the DOE Oakridge laboratory.

This project comprises of paper studies, computer modeling and laboratory research; 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: [Signature]
NEPA Compliance Officer

Date: 12/17/09

FIELD OFFICE MANAGER DETERMINATION

Field Office Manager review required

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