

PMC-EF2a

(2.04.02)

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



RECIPIENT: Wisconsin Office of Energy Independence

STATE: WI

PROJECT TITLE : Cardinal Glass- Photovoltaic Glass Production

| Funding Opportunity Announcement Number | Procurement Instrument Number | NEPA Control Number | CID Number |
|--|--------------------------------------|----------------------------|-------------------|
| DE-FOA0000052 | EE0000163 | GFO-10-147-003 | 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:

B5.1 Actions to conserve energy, demonstrate potential energy conservation, and promote energy-efficiency that do not increase the indoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, designers), organizations (such as utilities), and state and local governments. Covered actions include, but are not limited to: programmed lowering of thermostat settings, placement of timers on hot water heaters, installation of solar hot water systems, installation of efficient lighting, improvements in generator efficiency and appliance efficiency ratings, development of energy-efficient manufacturing or industrial practices, and small-scale conservation and renewable energy research and development and pilot projects. The actions could involve building renovations or new structures in commercial, residential, agricultural, or industrial sectors. These actions do not include rulemakings, standard-settings, or proposed DOE legislation.

Rational for determination:

This NEPA determination (GFO-10-147-003) is a result of prior NEPA determination (GFO-09-224) and lifts a condition placed on Market Title Clean Energy Supply Chain Development. Wisconsin's Office of Energy Independence would pass DOE funding to Cardinal Glass Industries, Corporation.

Cardinal Glass's facility in Portage, WI would use a \$500K SEP loan to purchase the following equipment:

an x-ray fluorescence spectrometer;
Furnace sidewall and bottom cooling systems

No new permits, licenses or approvals will be needed for the expenditures of these funds.

Waste Stream Requirements

Prior to the expenditure of Federal funds to implement any of the above-mentioned activities, the State of Wisconsin has the affirmative responsibility to ensure or certify that it has been provided by its sub-recipients a waste management plan addressing waste generated by their proposed actions. The plan will describe the sub-recipients plan to dispose of any sanitary or hazardous waste, e.g. construction and demolition debris, old light bulbs, lead ballasts, piping, roofing materials, discarded equipment, debris, asbestos, etc. generated as a result of the proposed project. The sub-recipients must ensure that it will comply with all federal, state and local regulations for waste disposal.

NHPA Requirements

Prior to the expenditure of Federal funds to implement any of the above activities, the State of Wisconsin has the affirmative responsibility to ensure the sub-recipient is in compliance with Sec. 106 of the National Historic Preservation Act (NHPA), consistent with DOE's 2009 letter of delegation of authority regarding the NHPA. If applicable, the sub-recipient must contact the State Historic Preservation Officer.

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: 1/27/10
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

(Faint, mirrored text from the reverse side of the page, including phrases like "The sub-recipient must ensure that it fully comply with all federal, state and local regulations for waste disposal...")