

PMC-EF2a

(2010)

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



RECIPIENT: Missouri DNR, Division of Energy

STATE: MO

PROJECT TITLE : MO - IEEP: Missouri Plating Co. - Boiler Replacement

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-000052	EE0000131	GFO-0000131-019	EE131

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:

Missouri DNR, Division of Energy's sub-recipient Missouri Plating Co. proposes to use \$112,479 of SEP funds to replace an existing gas fired boiler with a more efficient gas fired boiler. The current boiler was installed in 1967 and operates at 6.69 MMBTU/hr. the new boiler will reduce natural gas usage by approx. 30% as well as reducing carbon dioxide emissions.

The installation of a new boiler in place of the existing boiler will have no adverse impacts to floodplains, wetlands, and endangered species as this project entail internal activities at and existing facility. No new permitting is required as this is characterized as an in-kind replacement of equipment as per Kansas City Health Department.

The project activities are exempt from SHPO review based on the programmatic agreement between MO-DNR & the state of MO SHPO. As per the PA, the project is exempt from historic review based on D.1.a. - Undertakings on Properties Less than 45 Years Old.

This project is comprised of replacing an existing boiler for a more efficient version to reduce energy demands. This action to conserve energy is therefore Categorical Excluded as B5.1.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

Eugene Brown 6/16/2011

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:



 NEPA Compliance Officer

Date:

6/17/11