CALPINE CORPORATION

NYSE CPN

NORTH REGION BUSINESS OFFICE
500 DELAWARE AVENUE
SUITE 600
WILMINGTON, DE 19801

FedEx# 7990 5320 5109

September 26, 2012

Tad Aburn
Director
Maryland Department of the Environment
Air and Radiation Management Administration
1800 Washington Blvd., Suite 730
Baltimore, MD 21230

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SEP 28 2012
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Dear Mr. Aburn:

Please find attached initial notification forms for reciprocating internal combustion engines (RICE) potentially subject to 40 CFR Part 63 Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, at the following Calpine Mid-Atlantic Generation, LLC facility:

- Crisfield Energy Center, Somerset County

Controls for CO are currently being considered for the RICE at this facility, and these RICE are anticipated to be in compliance with Subpart ZZZZ by the May 3, 2013 compliance date. Please contact me at (302) 468-5310 or James.Klickovich@calpine.com if you require additional information.

Sincerely,

James Klickovich
North Region Director, Environmental Services
Calpine Corporation

CC: Diana Esher, EPA Region III FedEx# 7990 5276 4973
May Johnson, Calpine
Paul Ostberg, Calpine

Attachments

Initial Notification of Applicability[b]

National Emission Standards for Hazardous Air Pollutants:

Stationary Reciprocating Internal Combustion Engines

40 CFR Part 63 Subpart ZZZZ

☒ Yes, I am subject to 40 CFR Part 63 subpart ZZZZ National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

NAICS code(s): 221112

Compliance Date: ☒ Existing source: May 3, 2013 ☐ New/reconstructed source: upon initial startup

Note: The May 3, 2013 compliance date for <u>existing sources</u> applies to the following engine types:

- Existing non-emergency compression ignition (CI) stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions
- Existing stationary CI RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions
- Existing stationary CI RICE located at an area source of HAP emissions

Company name: Calpine Corporation

Facility name (if different): Crisfield Energy Center

Facility (physical location) address: Route 4079 Crisfield Highway, Rte. 413, Crisfield, MD 21817

My facility is a (please choose one): ☐ Major source ☒ Area source

Owner name/title: Calpine Mid-Atlantic Generation, LLC

Owner/company address: 500 Delaware Avenue, Suite 600, Wilmington, DE 19801

[a] This is an example of the type of information that must be submitted to fulfill the Initial Notification of Applicability Status requirement of 40 CFR 63, subpart ZZZZ. You may submit the information in another form or format, or you may use this form.

[b] Initial Notification is due 120 days after the effective date of the rule or 120 days after you become subject to the rule

Owner telephone number: (302) 468-5310

Owner email address (if available): james.klickovich@calpine.com

If the Operator information is different from the Owner, please provide the following:

Operator name/title: Calpine Operating Services Company, Inc.

Operator telephone number: (302) 468-5310

Operator email address (if available): james.klickovich@calpine.com

Brief description of the stationary RICE at the facility, including number of engines and the site-rated HP of each engine: 4 3000HP General Motors 2SLB CI engines

CO controls are currently being evaluated.

I hereby certify that the information presented herein is correct to the best of my knowledge.

(Signature)

9-26-12
(Date)

James Klickovich, Director, Environmental Services
(Name/title)

(302) 468-5310
(Telephone No.)

Submit the Initial Notification to one of the following offices, as appropriate:

a. If your State has been delegated the authority for this regulation under section 112(l) of the Clean Air Act[c], submit the notification to your State agency found at the following link: http://www.epa.gov/ttn/atw/area/table_state_contacts.doc

If your state/local contact is not listed at the above link, use this link: http://www.4cleanair.org/contactUsaLevel.asp

b. If your EPA Region has assumed the authority for this rule, submit the notification to your Regional Office of the EPA, from list below:

EPA Region I (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont)
US Environmental Protection Agency
5 Post Office Square, Suite 100, Mail code: OES04-2,
Boston MA 02109-3912 Attention: Air Clerk

EPA Region II (New Jersey, New York, Puerto Rico, Virgin Islands)
Director, Division of Enforcement and Compliance Assistance
290 Broadway, New York, NY 10007-1866

EPA Region III (Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia)
Director, Air Protection Division, 1650 Arch Street, Philadelphia, PA 19103

EPA Region IV (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee)
Director, Air, Pesticides and Toxics Management Division
Atlanta Federal Center, 61 Forsyth Street, Atlanta, GA 30303–3104

EPA Region V (Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin)
Director, Air and Radiation Division, 77 West Jackson Blvd., Chicago, IL 60604–3507

EPA Region VI (Arkansas, Louisiana, New Mexico, Oklahoma, Texas)
Director, Compliance Assurance and Enforcement Division, 1445 Ross Ave., Dallas, TX 75202–2733

EPA Region VII (Iowa, Kansas, Missouri, Nebraska)
Director, Air and Waste Management Division, U.S. Environmental Protection Agency
901 N. 5th Street, Kansas City, KS 66101

EPA Region VIII (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming)
Director, Air and Toxics Technical Enforcement Program, Office of Enforcement, Compliance and Environmental Justice, 1595 Wynkoop Street, Denver, CO 80202-1129

EPA Region IX (Arizona, California, Hawaii, Nevada, American Samoa, Guam)
Director, Air and Toxics Division, 75 Hawthorne Street, San Francisco, CA 94105

EPA Region X (Alaska, Idaho, Oregon, Washington)
Director, Office of Air, Waste and Toxics, 1200 6th Ave., Suite 900, AWT-107, Seattle, WA 98101

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[c] To determine whether your State has been delegated the authority for this regulation under section 112(l) of the Clean Air Act, contact your EPA Regional Office, listed above.