

STATE OF ALASKA

DEPT. OF ENVIRONMENTAL CONSERVATION DIVISION OF AIR QUALITY AIR PERMITS PROGRAM

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Return Receipt Requested

February 9, 2010

Kristen DuBois
Golden Valley Electric Association
P.O. Box 71249
Fairbanks, AK 99707-1249

Dear Ms. DuBois:

This letter transmits the Alaska Department of Environmental Conservation's (Department) final Best Available Retrofit Technology (BART) determinations under 18 AAC 50.260(e)-(l) for BART eligible units. The Department determines the following emission rates represent BART for the BART-Eligible emission units at the Healy power plant:

Healy Unit 1

- For Nitrogen Oxides (NO_x), an emission rate (measured as NO₂) of 0.20 lb/MMBtu (30-day rolling average).
- For Sulfur Dioxide (SO₂), an emission rate of 0.30 lb/MMBtu (30-day rolling average).
- For Particulate Matter (PM), an emission rate of 0.015 lb/MMBtu (based on compliance source testing).

Auxiliary Boiler #1

- For Nitrogen Oxides (NO_x), an emission rate (measured as NO₂) of 0.000154 lb/MMBtu (30-day rolling average).
- For Sulfur Dioxide (SO₂), an emission rate of 0.00054 lb/MMBtu (30-day rolling average).
- For Particulate Matter (PM), an emission rate of 0.8 lb/hour (at full load).

The monitoring, recordkeeping, and reporting needed to demonstrate compliance with these emission limits are as recommended in Section 9.2 of the enclosed Final BART Determination Report.

Background

The Department published a preliminary BART determination¹ on May 12, 2009 and accepted public comments through June 15, 2009. The Department received comments from GVEA; Frank Abegg, Fairbanks; Alaska State Representative Mike Kelly, Fairbanks; Don Shepherd, National Park Service; and Sanjay Narayan, Sierra Club. As a result of these comments and information submitted in support of the comments, the Department revised its preliminary decision. The enclosed Response to

¹ Documented in an April 27, 2009, Findings Report.

Comments document explained the Department's evaluation and its use of the comments received. Based on its evaluation, the Department produced the enclosed the Final BART Determination Report², dated January 18, 2010. You can find a copy of all comments received, a copy of the April 27, 2009 findings report, and copies of the enclosed documents on the Department's website at: <http://dec.alaska.gov/air/gveabart.htm>.

Next steps

The Department must include all BART determinations in Alaska's Regional Haze State Implementation Plan (Regional Haze SIP), per Section 169A of the Clean Air Act. The Regional Haze SIP, including the Department's BART determinations, is subject to additional public comment and approval by the U.S. Environmental Protection Agency (EPA) as follows:

First, the Department must submit its Regional Haze SIP proposal to Federal Land Managers (FLMs) for comment. After considering the FLM comments, the Department must provide a public notice and accept public comments for at least 30 days. After considering the public comments the Department will propose its final Regional Haze to EPA for review and approval. During this process the Department will reopen this BART decision, if necessary, to address comments from FLMs, the public, or EPA, to produce a final, federally-approved, Regional Haze SIP. Therefore, this BART decision is not a final Department decision until the Department adopts a final Regional Haze SIP.

Appeal Rights

Any person who disagrees with this decision may request an adjudicatory hearing in accordance with 18 AAC 15.195- 18 AAC 15.340 or an informal review by the Division Director in accordance with 18 AAC 15.185. Informal review requests must be delivered to the Division Director, 410 Willoughby Avenue, Suite 303, PO Box 111800, Juneau, AK 99811-1800, within 15 days of the decision. Adjudicatory hearing requests must be delivered to the Commissioner of the Department of Environmental Conservation, 410 Willoughby Avenue, Suite 303, Juneau, Alaska 99801, within 30 days of the decision. If a hearing is not requested within 30 days, the right to appeal is waived. If a hearing is granted, it will be limited to the issues related to this decision. You are reminded that even if a request for an adjudicatory hearing has been granted, all terms and conditions remain in full force and effect. More information on how to appeal a Department decision is available at <http://www.dec.state.ak.us/commish/ReviewGuidance.htm>.

Sincerely,



John F. Kuterbach
Program Manager

Enclosures: Final BART Determination Report; Department Response to Comments

Cc (without enclosures; please see webpage referenced in letter for documents):

² April 27, 2009 Findings Report revised consistent with the Department's evaluation of comment.

Kate Lamal, GVEA
Sandra Silva, U.S. Fish and Wildlife Service
Representative Mike Kelly, Fairbanks
Frank Abegg, Fairbanks (via e-mail)
Don Shepherd, National Park Service (via e-mail)
Sanjay Narayan, Sierra Club (via e-mail)
Steve Body, EPA, Region 10 (via e-mail)
Herman Wong, EPA, Region 10 (via e-mail)
Tim Allen, U.S. Fish and Wildlife Service (via e-mail)
Bud Rice, National Park Service (via e-mail)
Bruce Polkowsky, National Park Service (via e-mail)
John Notar, U.S. Fish and Wildlife Service (via e-mail)
John Vimont, National Park Service (via e-mail)
Andrea Blakesley, National Park Service, Denali (via e-mail)
Ann Mebane, U.S. Forest Service (via e-mail)
David Mott, U.S. Forest Service, Alaska Region (via e-mail)
Mike Hirtler, Enviroplan Consulting (via e-mail)
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