STATE OF NEBRASKA

Dave Heineman
Governor

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June 30, 2011

Mr. Karl Brooks
Regional Administrator
U.S. EPA, Region VII
901 North 5th Street
Kansas City, MO 66101

Dear Mr. Brooks:

Enclosed is Nebraska's State Implementation Plan (SIP) for Regional Haze and Best Available Retrofit Technology (BART) pursuant to the requirements of 40 Code of Federal Regulations (CFR) 51.308(a)-(e). The enclosed SIP addresses Regional Planning, State/Tribe and Federal Land Manager coordination as well as a commitment to provide future plan revisions and adequacy determinations.

The state of Nebraska does not contain mandatory Class I areas. However, we have coordinated with the Central Regional Air Planning Association (CENRAP) in an effort to improve visibility at Class I areas included in the CENRAP states, as well as nearby States outside the CENRAP region. Nebraska installed two IMPROVE protocol samplers, one in the central part of the state and another in the Nebraska panhandle. In addition, the Omaha Tribe of Nebraska operates a third IMPROVE sampler in the northeast part of the state. The information from these samplers as well as data obtained by CENRAP were utilized in the development of the enclosed SIP, including detailed analyses, modeling results, and technical support documents.

On February 16, 2008, Nebraska adopted Chapter 43 – Visibility Protection into Title 129 of the Nebraska State Code, the Nebraska Air Quality Regulations. Chapter 43 of Title 129 incorporates the Regional Haze Rule by reference and requires owners or operators of stationary sources subject to BART to prepare and submit a BART determination in accordance with the Regional Haze Rule. A public hearing was held on January 21, 2011 for the Regional Haze and BART State Implementation Plan. The SIP was adopted by Nebraska per Title 115, the Nebraska Administrative Procedures Act, and in accordance with 40 CFR 51.100 – 105.

As evidenced by the enclosed State Implementation Plan and the appendices, the Nebraska Department of Environmental Quality (NDEQ) conducted a thorough

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evaluation of all available data in the determination of sources that are subject to the requirements of BART. With this submission, the NDEQ is requesting that the United States Environmental Protection Agency (EPA) accept the Nebraska Regional Haze and Best Available Retrofit Technology (BART) State Implementation Plan to satisfy the requirements of 40 CFR 51.308(a)-(e).

Thank you for your attention to this matter. If you have questions regarding this submittal, please contact Shelley Schneider, Air Quality Division Administrator at 402-471-4299.

Sincerely,

Michael J. Linder
Director

Enclosures:

1. Nebraska Department of Environmental Quality State Implementation Plan for Regional Haze and Best Available Retrofit Technology (BART)
2. Appendix 2.1 Section 308 Requirements Crosswalk
3. Appendix 3.1 Public Notice Materials
   Public Comments & Responsiveness Summary
4. Appendix 8.1 2002 Emissions Inventory
5. Appendix 8.2 2018 Emissions Inventory
6. Appendix 8.3 Consolidation of Emissions Inventories (April 28, 2005),
   Refinement of CENRAP's 2002 Emissions Inventories (August 31, 2005),
   Research and Development of Planned Burning and Emission Inventories for the Central States Regional Air Planning Association (July 2004),
   Emission Inventory Development for Mobile Sources and Agricultural Dust Sources for the Central States (October 28, 2004), and
   Research and Development of Ammonia Emission Inventories for the Central States Regional Air Planning Association (October 30, 2003)
7. Appendix 9.1 CENRAP Technical Support Document
8. Appendix 9.2 CENRAP Modeling Protocol
9. Appendix 10.1 Detailed Information on BART Eligible Units
10. Appendix 10.2 Information about Identification of BART Eligible Units
11. Appendix 10.3 CALPUFF Modeling Protocols
12. Appendix 10.4 Letters sent to non-BART subject Sources
13. Appendix 10.5 Modeling Results
14. Appendix 10.6 BART analysis submitted by BART subject Sources

15. Appendix 10.7 Additional supporting information
16. Appendix 10.8 BART permit determinations and supporting information
17. Appendix 10.9 Title 129 Chapter 43- Visibility Protection
18. Appendix 10.10 Causes of Haze Study, Sonoma
19. Appendix 10.11 Twin Platte NRD Integrated Management Plan
20. Appendix 10.12 Nebraska Statutes
21. Appendix 10.13 Supplemental BART information related to DSI analysis
22. Appendix 11.1 Northern Midwest – Factor Analysis (LADCO)
23. Appendix 11.2 Central Class I Areas Consultation Plan
24. Appendix 11.3 Oklahoma's Wichita Mountains Wilderness Area Regional Haze Planning
25. Appendix 11.4 Nebraska Title 129- Chapter 32 – Dust; Duty to Prevent Escape
26. Appendix 11.5 Nebraska Title 129- Chapter 30 – Open Fires