

Variance to Regulations
of the State of South Dakota
Department of Water and Natural Resources
Air Quality Program

Variance No. AQ 79-02 (Renewal)
A.Q. File No. 28.1001-06

South Dakota Board of Regents is hereby granted by the South Dakota Board of Minerals and Environment a variance from S.D. Air Pollution Control Regulation 44:10:06:02 for the operation of the South Dakota State University steam generating plant conditioned upon the following:

- A. Provide a variance from 44:10:06:02 which pertains to the particulate emission requirement.
- B. That each boiler not exceed .8 lbs. of particulate emissions per million BTU's of heat input and that the Board of Regents will remain alert for cost effective technology that will reduce emissions to .3 lbs. per million BTU's.
- C. That an effort should be made to run the boiler or boilers with the lower emission rate whenever possible considering maintenance, repair work and heating load.
- D. That if conditions should warrant, the Board of Regents will establish and operate two high-volume particulate air samplers. The State shall make the determination of when and where to sample. All monitors will be sited, operated and analyzed in accordance with the South Dakota Department of Water and Natural Resources Air Quality "Quality Assurance Program".
- E. That if there are indications the ambient air standards are being violated the Board of Regents will develop an interim emergency plan to protect the health and welfare of the public until such time as the emissions are controlled. Any funds needed to develop this plan will be sought from the South Dakota legislature.
- F. That if there are continued violations during an operating season of the ambient air standards the Board of Regents will make every possible effort to bring about immediate control of the problem. Funds necessary to fulfill this requirement will be sought from the South Dakota legislature.
- G. That the Board of Regents make every reasonable effort to control the fugitive emissions from the plant.

The designated person responsible for the source's operation is Glen L. Carver, Director of the Physical Plant. The mailing address is Box 2201, Brookings, South Dakota 57007; telephone 605--688-4136.

This variance was granted by the South Dakota Board of Minerals and Environment on March 18, 1982 and expires on March 18, 1985. Renewal of this variance shall be applied for two months prior to the expiration date and in the same manner as the original application.

The South Dakota Board of Minerals and Environment reserves the right to revoke this variance at any time there is found to be just cause or additional violations of the South Dakota Air Pollution Control Regulations.

THIS IS TO CERTIFY THAT THE MANUFACTURER OF THE PRODUCT HAS BEEN REGISTERED IN THE REGULAR COURSE OF BUSINESS ACCORDING TO THE PROVISIONS OF CHAPTER 44:10:06:02 OF THE S.D. AIR POLLUTION CONTROL REGULATIONS. IT IS FURTHER CERTIFIED THAT THE MANUFACTURER HAS BEEN REGISTERED FOR THE PURPOSES OF THE REGULAR COURSE OF BUSINESS IN A REGULAR AND ON TIME MANNER WHICH MEET THE REGISTERED REQUIREMENTS OF THE MANUFACTURER. IN WITNESS WHEREOF, I HAVE HEREBY SET MY HAND AND SEAL OF OFFICE ON THIS 18th DAY OF MARCH 1982.

DATE REGISTERED
GLEN L. CARVER
DIRECTOR OF PHYSICAL PLANT
BROOKINGS, S.D.



STATE OF SOUTH DAKOTA
EXECUTIVE OFFICE

WILLIAM J. JANKLOW
GOVERNOR

September 13, 1982

Steven Durham
Regional Administrator
US EPA, Region VIII
1860 Lincoln Street
Denver, Colorado 80295

Dear Mr. Durham:

Enclosed are proposed revisions to the State Implementation Plan (SIP) for the control of air pollution in South Dakota:

1. a variance to air quality regulations granted to South Dakota State University.
2. a regulation which grants alfalfa pelletizers and dehydrators a 30% opacity standard.

Both revisions were adopted by the Board of Minerals and Environment after public hearing on March 18, 1982.

Please incorporate both documents into the State Implementation Plan (SIP) for the control of air pollution in South Dakota.

Sincerely yours,

~~ReSpain~~
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Rec'd 8#
SEP 17 1982
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RECEIVED
SEP 20 1982
AIR & HAZARDOUS
MATERIALS DIVISION