

Order  
to the

Amoco Oil Company  
Mandan Refinery  
Morton County, North Dakota

BEFORE THE NORTH DAKOTA STATE DEPARTMENT OF HEALTH  
State of North Dakota

In the Matter of Amoco Oil Company, )  
Mandan Refinery, P.O. Box 549, )  
Mandan, North Dakota 58554; )  
W.A. Burns, Manager )

Case No. 77-311 APC  
(NDCC 23-25)

.....  
ORDER

Pursuant to the above-referenced statutory authority, the Department  
HEREBY ORDERS:

1. That pursuant to tentative determinations made by the Department  
and finalized on May 6, 1977, that Amoco Oil Company meet the following  
requirements.

2. These requirements are pursuant to Section 51.19 (e) of Title 40  
of Part 51 of the Code of Federal Regulations and in accordance with the  
compliance schedule dated March 7, 1977, signed by W.A. Burns.

3. The compliance schedule requires Amoco Oil Company to install,  
calibrate, maintain and operate equipment for continuously monitoring  
and recording opacity measurements on the cat cracker regenerator  
stack at the Mandan Refinery.

4. The compliance schedule is as follows:

<u>Incremental Date</u>	<u>Progress Description</u>
September 1, 1977	Date by which final plans and specifications will be submitted to the Department for review and approval. Include a description of the stack and the location on the stack where the equipment is to be installed.
October 1, 1977	Date by which contracts for the continuous opacity monitoring equipment will be awarded; or date by which orders will be issued for the purchase of component parts.
August 1, 1978	Date of initiation of on-site construction or installation of the continuous monitoring equipment.
September 30, 1978	Date by which on-site construction or installation is to be completed and operation of the opacity monitor is to begin.

5. The monitoring and recording of opacity measurements shall be in  
accordance with the requirements for notification and recordkeeping, Subsection  
12.106 of Section 12.100 and monitoring requirements, Subsection 12.111 of Section  
12.100 of R23-25-12 of the North Dakota Air Pollution Control Regulations.

6. Jurisdiction is to be retained by the North Dakota State Department of Health for the purpose of enabling either of the parties to this Order to reply to the Department at any time for such further orders and directions as may be necessary or appropriate for the carrying out of this Order, for the modification of any of the provisions hereof, or for the enforcement of compliance therewith.

DATED, this 9<sup>th</sup> day of May, 1977, at Bismarck, North Dakota.



W. VAN HEUVELEN

Executive Officer



Amoco Oil Company  
Mandan Refinery  
P.O. Box 549  
Mandan, North Dakota 58554  
Manufacturing Department

W. A. Burns  
Manager

March 7, 1977

Mr. W. Van Heuvelen  
Chief Environmental Control  
North Dakota State Department of Health  
Missouri Office Building  
Bismarck, North Dakota 58505



Dear Mr. Van Heuvelen:

In response to your letter of January 27, 1977 we have completed the compliance schedule for installation of a continuous opacity monitoring instrument on our FCU regenerator discharge stack.

As you will recall we are currently engaged in a project which eliminates the existing FCU stack directing the FCU regenerator gasses thru a CO furnace to heat crude oil.

The new opacity monitoring device will be installed on the new CO furnace stack. Attached is a preliminary drawing which indicates the location of the access platform and the opacity instrument on the new stack.

Yours truly,

W. A. Burns

HES:sb

NORTH DAKOTA STATE DEPARTMENT OF HEALTH  
Air Pollution Control Program  
1200 Missouri Avenue  
Bismarck, North Dakota - 58501

COMPLIANCE SCHEDULE

For Installation of Continuous Opacity Monitoring Instruments

NAME OF FIRM OR ORGANIZATION: AMOCO OIL COMPANY

PLANT LOCATION MANDAN, NORTH DAKOTA

SOURCE IDENTIFICATION NUMBER (From Permit to Operate): -

DATE BY WHICH FINAL PLANS AND SPECIFICATIONS WILL BE SUBMITTED TO THE DEPARTMENT FOR REVIEW AND APPROVAL. INCLUDE A DESCRIPTION OF THE STACK AND THE LOCATION ON THE STACK WHERE THE EQUIPMENT IS TO BE INSTALLED.

MONTH September DAY 1 YEAR 1977

DATE BY WHICH CONTRACTS FOR THE CONTINUOUS OPACITY MONITORING EQUIPMENT WILL BE AWARDED; OR DATE BY WHICH ORDERS WILL BE ISSUED FOR THE PURCHASE OF COMPONENT PARTS.

MONTH October DAY 1 YEAR 1977

DATE OF INITIATION OF ON-SITE CONSTRUCTION OR INSTALLATION OF THE CONTINUOUS OPACITY MONITORING EQUIPMENT.

MONTH August DAY 1 YEAR 1978

DATE BY WHICH ON-SITE CONSTRUCTION OR INSTALLATION IS TO BE COMPLETED AND OPERATION OF THE OPACITY MONITOR IS TO BEGIN.

MONTH September DAY 30 YEAR 1978

NAME OF PERSON SUBMITTING SCHEDULE W. A. Burns TITLE Refinery Manager  
(Owner or Authorized Agent)

SIGNATURE W.A. Burns

DATE \_\_\_\_\_ PHONE (701)663-7413

Division of  
Environmental Engineering

GENE A. CHRISTIANSON, P.E.  
DIRECTOR

(701) 224-2374



Department of Health

March 23, 1977

Bismarck, North Dakota 58505

The Administrator  
U.S. Environmental Protection Agency  
c/o John A. Green  
Regional Administrator  
U.S. Environmental Protection Agency  
Region VIII  
1860 Lincoln  
Denver, Colorado 80203

Re: Notice of Public Hearings  
Revisions to the State Implementation Plan

Dear Sir:

This is to notify you as required by Section 51.4 (b) (3), Part 51 of Title 40 Code of Federal Regulations that this Department will hold a public hearing on Monday, April 25, 1977 in the Hearing Room, State Capitol, Bismarck, North Dakota beginning at 10:00 a.m.

The purpose of this hearing is to receive and consider testimony and evidence bearing on the Proposed Revisions to the Implementation Plan for the Control of Air Pollution for the State of North Dakota. The revisions to the Plan include amendments to Permits to Operate and issuance of an Order which will require the installation of continuous monitoring equipment at affected existing sources.

Copies of the official notice of hearing, as published in the official County newspapers and of the Proposed Revisions to the State Implementation Plan are attached.

This Department would request that any official comment you may have which would affect the approval by EPA of these revisions to the State Implementation Plan be submitted as testimony at the public hearing on April 25, 1977.

If you have any questions, please feel free to contact this office.

Yours truly,

Van Heuvelen, Chief  
Environmental Control

W REK:smp  
Encl:

cc: Dale Wells