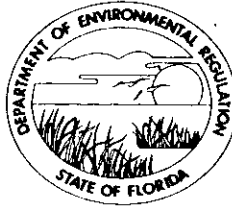


STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

file!
USS Agri-Chemicals
permit

SOUTHWEST DISTRICT

7601 HIGHWAY 301 NORTH
TAMPA, FLORIDA 33610



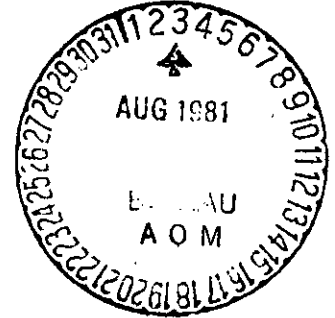
BOB GRAHAM
GOVERNOR

JACOB D. VARN
SECRETARY

WILLIAM K. HENNESSEY
DISTRICT MANAGER

July 30, 1981

Mr. Basil Powell
USS Agri-Chemicals
P.O. Box 150
Bartow, Fla. 33830



RE: Aux. Boiler Permit
AC53-33822

Dear Mr. Powell:

With reference to your letter of 3/27/81 to Dan Williams of this Dept., the District is in agreement to eliminate the NO_x test on the auxiliary boiler, to allow fuel analysis for SO₂ emission determination, and establish by a stack test the particulate emissions. With the use of a good grade of fuel, the visible emissions should not exceed 5% opacity for normal running operations (exclusive of startup) but if the VE test shows an approach to the 20%, we would insist on stack tests.

Since this permit was issued by CAPS in Tallahassee, any formal change to permit conditions would be their responsibility. I have talked to Willard Hanks about your request and he agrees with the above modification. I will forward your request with this letter to him.

Sincerely yours,

Robert R. Garrett, P.E.
Air Engineer

RRG/rkt

cc: Willard Hanks CAPS ✓



**USS
Agri-Chemicals**

Division of United States Steel Corporation

MAIL: P. O. BOX 150
BARTOW, FLORIDA 33830
813 - 533-0471

*Harrell,
If you are
agreeable, please draft
a permit modification
along these lines.
DISTRICT
TAMPA*

March 27, 1981

Mr. Dan Williams
Florida Department of Environmental Regulation
7601 Highway 301 North
Tampa, Florida 33610

Re: Construction Permit-Auxiliary Boiler
AC53-33822

Dear Mr. Williams:

From our telephone conversation of March 25, 1981, I understand that the Specific Conditions of the referenced permit are amended as follows:

Condition No. 5 - Delete NO_x pollutant and standard.

Condition No. 6 - Add the following two sentences.

The State approves the method of determining SO₂ emissions by calculations based on analysis of the fuel oil.

One stack test for particulate is required. Additional tests for particulate will be requested only if visible emission tests indicate verification is needed.

We would appreciate a letter of confirmation to this understanding.

Very truly yours,

USS AGRI-CHEMICALS

Basil Powell

Basil Powell

BP:myv

8-4-81

Told Basil Powell:

DER requires VE and SO₂ (test or certified fuel analysis for 5)

No requirement for PM or NO_x test

Test could be required for PM if VE greater 5% opacity.

Recommended the not install permanent test facilities.

Lowell

PERMIT NO.: AC 53-33822
APPLICANT: U.S.S. Agri-Chemicals

Specific Conditions

Auxiliary Boiler

1. Auxiliary boiler operation is limited to 840 hours/year when burning no. 2 fuel oil.
2. The fuel used to fire the boiler will be natural gas or No. 2 fuel oil with a sulfur content of 0.5% S. Maximum.
3. The Department will be notified if the auxiliary boiler operates more than 840 hours/year while burning No. 2 fuel oil.
4. Visible emissions shall be 20 percent opacity except for up to 27% opacity for one 6 minute period per hour.
5. The maximum amount of emissions emitted from the boiler stack will be:

Pollutant	Fuel	Emission Rate
SO ₂		0.51 lbs. SO ₂ /MMBTU
NO _x	Fuel oil No. 2	0.3 lbs. NO _x /MMBTU
Particulate		0.2 lbs. particulate/MMBTU
Visible Emission		Opacity (Maximum 20%)

6. Before the construction permit expires, the boiler will be tested for sulfur dioxide and visible emissions. Test procedures will be EPA reference methods 1, 2, 3, 6 and 9 as published in 40 CFR 60, Appendix A, dated July 1, 1978, or by any other State approved method. DER will be notified 30 days in advance of the compliance test. The test will be conducted at permitted production capacity +10%.
7. Reasonable precautions to prevent fugitive particulate emissions during construction such as coating or spraying roads and construction sites used by contractors, will be taken by the Permittee.
8. Construction should reasonably conform to the plans submitted in the application.
9. The applicant should report any delay in construction and completion.