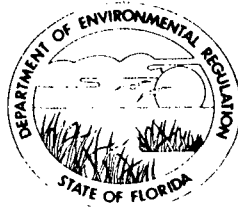


STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

February 22, 1984

CERTIFIED MAIL-RECEIPT REQUESTED

Mr. M. P. McArthur
Vice President and General Manager
Occidental Chemical Company
Post Office Box 300
White Springs, Florida 32096

Dear Mr. McArthur:

The department is in receipt of your request for a modification of your construction permit numbers: AC 24-56209, AC 24-56210, AC 24-56211, AC 24-56212, AC 24-56213, AC 24-56214, AC 24-56215.

This request is acceptable and the conditions are changed and added as follows:

Specific Conditions

The expiration date of the permits: AC 24-56209, AC 24-56210, AC 24-56211, AC 24-56212, AC 24-56213, AC 24-56214, and AC 24-56215 will be changed from January 30, 1984 to September 1, 1984.

The following paragraphs will be added to conditions No. 5, (boiler B), No. 6 (boiler C), No. 5 (boiler D), No. 4 (boiler E), and No. 4 (No. 2 DAP dryer) respectively.

Compliance with the SO₂ emission limit will be based upon the sulfur content of the fuel fired. Each shipment of fuel delivered to the facility will be sampled and the sulfur content determined and recorded. A certified analysis from the applicants fuel supplier may be substituted for on-site analysis. Applicable test methods by the American Society for Testing Material (A.S.T.M.) will be used.

The applicant shall prepare a procedure for department approval to prevent the unloading of No. 6 oil containing 1.5% sulfur into the tank(s) which contain No. 6 oil having a lower sulfur content. A record of the amount of 1.5% sulfur oil received will be kept by the applicant. The records shall be made available to the department upon request.

Mr. M. P. McArthur
Page Two
February 22, 1984

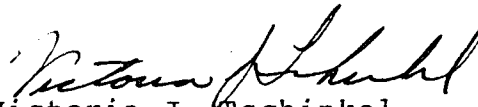
Method 6. Determination of Sulfur Dioxide Emissions from Stationary sources shall be requested by the department when deemed necessary.

Attachments:

Mr. W. W. Atwood's modification request letters of January 30, 1984, February 2, 1984, and February 6, 1984.

This letter and attachments must be attached to your permits, AC 24-56209, AC 24-56210, AC 24-56211, AC 24-56212, AC 24-56213, AC 24-56214, and AC 24-56215 and shall become a part of each permit.

Sincerely,


Victoria J. Tschinkel
Secretary

VJT/s

cc: John Koogler, Sholtes and Koogler
Environmental Consultants
Johnny Cole, Northeast District Office



SHOLTES & KOOGLER, ENVIRONMENTAL CONSULTANTS
1213 N.W. 6th Street Gainesville, Florida 32601 (904) 377-5822

RECEIVED
JAN 31 1983
W. W. ATWOOD

SKEC 102-75-06

January 30, 1984

Mr. Bill Thomas
Florida Department of
Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301

Subject: Hamilton County - AP
Occidental Chemical Company
AC24-56211 Sulfuric Acid Plant "E"
AC24-56209 Sulfuric Acid Plant "F"

Dear Bill:

With reference to our telephone conversation of this date regarding the construction permits for the "E" and "F" sulfuric acid plants located at the Occidental Chemical Company Swift Creek Chemical Complex, Occidental requests that the expiration date of these two permits be extended from January 30, 1984 to September 1, 1984. This extension will provide Occidental with the time necessary to complete plant modifications and to conduct the necessary air pollutant emission compliance tests with the plants operating within 10 percent of the 2,500 tons per day permitted operating rate.

If there are further questions regarding this matter or if additional information is necessary for the extension to be granted, please contact me. Your cooperation in this matter is very much appreciated.

Very truly yours,

SHOLTES & KOOGLER,
ENVIRONMENTAL CONSULTANTS, INC.


John B. Koogler, Ph.D., P.E.

JBK:sc

cc: Mr. W. W. Atwood ✓

Teresa Best Available Copy



SHOLTES & KOOGLER, ENVIRONMENTAL CONSULTANTS
1213 N.W. 6th Street Gainesville, Florida 32601 (904) 377-5822

SKEC 102-75-06

January 30, 1984

Mr. Bill Thomas
Florida Department of
Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301

Subject: Hamilton County - AP
Occidental Chemical Company
AC24-56211 Sulfuric Acid Plant "E"
AC24-56209 Sulfuric Acid Plant "F"

DER
FEB 01 1984
BAQM

Dear Bill:

With reference to our telephone conversation of this date regarding the construction permits for the "E" and "F" sulfuric acid plants located at the Occidental Chemical Company Swift Creek Chemical Complex, Occidental requests that the expiration date of these two permits be extended from January 30, 1984 to September 1, 1984. This extension will provide Occidental with the time necessary to complete plant modifications and to conduct the necessary air pollutant emission compliance tests with the plants operating within 10 percent of the 2,500 tons per day permitted operating rate.

If there are further questions regarding this matter or if additional information is necessary for the extension to be granted, please contact me. Your cooperation in this matter is very much appreciated.

Very truly yours,

SHOLTES & KOOGLER,
ENVIRONMENTAL CONSULTANTS, INC.


John B. Koogler, Ph.D., P.E.

JBK:sc

cc: Mr. W. W. Atwood



OCCIDENTAL CHEMICAL COMPANY, FLORIDA OPERATIONS, Post Office Box 300, White Springs, Florida 32096, Telephone 904 397-8101

February 2, 1984

DER

FEB 06 1984

BAQM

Mr. William Thomas
Florida Department of
Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32301

Reference: Permit No. AC-24-56210 (Sulfuric Acid Plant E)
Permit No. AC-24-56209 (Sulfuric Acid Plant F)

Dear Bill:

This will confirm our telephone conversation of January 31, 1983, concerning Occidental's permitting and compliance monitoring plans for the "E" and "F" Sulfuric Acid plants at the Swift Creek Chemical Complex.

During the first half of 1983¹⁹⁸⁴, we plan to increase catalyst loading to allow for production rates of about 2300 STPD of 100 percent sulfuric acid. Following this we will test for compliance with reference permits and submit operating permit applications to CAP.

In 1985, physical changes in the size of the economizer and the gas handling system are expected which will allow permitted throughput of 2500 STPD of 100 percent sulfuric acid on each facility.

We will keep you informed of our progress.

Sincerely

A handwritten signature in cursive script that reads "Wes Atwood".

W. W. Atwood
Manager, Environmental Control

WWA/psb

cc: Mr. Greg DeMuth, FDER, Gainesville, FL
Mr. Johnny Cole, FDER, Jacksonville, FL
Mr. Rick Davis, OXY



DER
FEB 07 1984
SAOM

OCCIDENTAL CHEMICAL COMPANY, FLORIDA OPERATIONS, Post Office Box 300, White Springs, Florida 32096, Telephone 904 397-8101

February 6, 1984

Mr. William Thomas
Florida Department of
Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32301

Dear Bill:

Please refer to Dr. J. Koogler's letter of January 30, 1984, requesting extension of construction permit expiration date.

We inadvertently left off associated permits in the PSD approval which also had the January 30, 1984 date.

Therefore, please extend in a similar way the following permits to September 1, 1984.

Auxiliary Boiler B (AC-24-56212)
Auxiliary Boiler C (AC-24-56214)
Auxiliary Boiler D (AC-24-56213)
Auxiliary Boiler E (AC-24-56210)
DAP #2 (AC-24-56215)

In connection with compliance testing for the higher sulfur fuel oil allowed, Occidental requests that it be allowed to calculate the SO₂ emission based on a certificate of oil analysis instead of the costly stack sampling method imposed by 40 CFR 60 Appendix A.

It is my understanding that under certain circumstances this is allowable if approved 40CFR 60.8(b).

Thank you for your consideration.

Sincerely,

A handwritten signature in cursive script, appearing to read "W. W. Atwood".

W. W. Atwood
Manager, Environmental Control

WWA/psb
Attachment

cc: R. E. McNeill
W. M. Miller
Johnny Cole, DER
John Koogler, SKEC