



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET
ATLANTA, GEORGIA 30365

NOV 7 1983

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

4AW-AM

Mr. M.P. McArthur
Vice President & General Manager
Occidental Chemical Company
P.O. Box 300
White Springs, Florida 32096

RE: PSD-FL-083

Dear Mr. McArthur:

Review of your May 7, 1982, application to use alternate fuels at the Suwannee River Chemical Complex has been completed. The construction is subject to rules for the Prevention of Significant Deterioration (PSD) of air quality contained in 40 CFR §52.21. The Florida Department of Environmental Regulation performed the preliminary determination concerning the proposed construction and published a request for public comment on March 31, 1983. Comments were received from the U.S. Environmental Protection Agency (EPA), the U.S. Fish and Wildlife Service, and Sholtes & Koogler Environmental Consultants. The final determination was performed by the Florida Department of Environmental Regulation on May 18, 1983.

The Environmental Protection Agency (EPA) has determined that the construction as described in the application meets all the applicable requirements of 40 CFR §52.21. Accordingly pursuant to 40 CFR §124.15, the Regional Administrator has made a final decision to issue the enclosed Permit to Construct-Part I Specific Conditions and Part II General Conditions. This authority to construct, granted as of the effective date of the permit, is based solely on the requirements of 40 CFR §52.21, the federal regulations governing significant deterioration of air quality. It does not apply to other permits issued by this agency or by other agencies. Please be advised that a violation of any permit condition, as well as any construction which proceeds in material variance with information submitted in your application, will be subject to enforcement action.

DER

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BAQM

This final permit decision is subject to appeal under 40 CFR §124.19 by petitioning the Administrator of the EPA within thirty (30) days after receipt thereof. The petitioner must submit a statement of reasons for the appeal and the Administrator must decide on the petition within a reasonable time period. If the petition is denied, the permit shall become effective upon notice of such action to the parties to the appeal. If the petition is granted, any applicable effective date shall be determined by the results of the appeal proceedings. If no appeal is filed with the Administrator, the permit shall become effective thirty (30) days after receipt of this letter. Upon the expiration of the thirty (30) day period, EPA will notify you of the status of the permit's effective date.

Receipt of this letter does not constitute authority to construct. Approval to construct this facility shall be granted as of the effective date of the permit. The complete analysis which justifies this approval has been fully documented for future reference, if necessary. Any questions concerning this approval may be directed to Mr. Richard A. Schutt, Chief, Air Planning Section, Air Management Branch, Air and Waste Management Division at 404/881-3286.

Sincerely yours,



Thomas W. Devine, Director
Air and Waste Management Division

Enclosure

cc: Florida^o Department of Environmental
Regulation

PERMIT TO CONSTRUCT UNDER THE RULES FOR THE
PREVENTION OF SIGNIFICANT DETERIORATION OF AIR QUALITY

Pursuant to and in accordance with the provisions of Part C, Subpart 1 of the Clean Air Act, as amended, 42 U.S.C. §7470 et seq., and the regulations promulgated thereunder at 40 CFR §52.21, as amended at 45 Fed. Reg. 52676, 52735-41 (August 7, 1980),

The Occidental Chemical Company

is, as of the effective date of this permit (PSD-FL-083), authorized to construct/modify a stationary source at the following location:

Suwannee River Chemical Complex
UTM Coordinates: East 328.320 km, North 3368.810 km

Upon completion of authorized construction and commencement of operation/production, this stationary source shall be operated in accordance with the emission limitations, sampling requirements, monitoring requirements and other conditions set forth in the attached Specific Conditions (Part I) and General Conditions (Part II).

This permit is hereby issued on _____ and shall become effective thirty (30) days after receipt thereof unless a petition for administrative review is filed with the Administrator during that time. If a petition is filed any applicable effective date shall be determined in accordance with 40 CFR §124.19(f)(1).

If construction does not commence within 18 months after the effective date of this permit, or if construction is discontinued for a period of 18 months or more, or if construction is not completed within a reasonable time this permit shall expire and authorization to construct shall become invalid.

This authorization to construct/modify shall not relieve the owner or operator of the responsibility to comply fully with all applicable provisions of Federal, State, and local law.

Nov. 7, 1983
Date Signed

Charles L. J. [Signature]
Regional Administrator

PART I
SPECIFIC CONDITIONS

Suwannee River Chemical Complex (PSD-FL-083)

A. Diammonium Phosphate Plant #2

1. The maximum heat input to the diammonium phosphate dryer shall be 36 million BTU per hour.
2. The fuel used to fire the dryer will be natural gas or No. 6 fuel oil with a maximum sulfur content of 1.5% by weight.
3. Sulfur dioxide emissions from the DAP dryer shall not exceed 0.33 lbs per million BTU, or 11.8 pounds per hour.
4. Compliance with the above emission limits shall be determined by methods prescribed in 40 CFR 60 Appendix A.

B. Auxiliary Boilers "B", "C", and "D"

1. a) The maximum operating rate for boiler "B" shall not exceed 60% of rated capacity (96 million BTU/hr heat input) when sulfuric acid plants "C" and "D" will be operating at 100% capacity. Auxiliary boiler "B" shall be allowed to operate at 100% of rated capacity (160 million BTU/hr heat input) when either the "C" or "D" sulfuric acid plant is shut down.
b) The maximum operating rate for boiler "C" shall not exceed 120 million BTU per hour.
c) The maximum operating rate for boiler "D" shall not exceed 120 million BTU per hour.
2. Maximum sulfur dioxide emissions from each boiler shall not exceed 1.1 lbs of SO₂ per million BTU heat input.
3. Boilers may be fired with natural gas or No. 6 fuel oil with a maximum sulfur content of 1.0 percent. Boiler "C" may be fired with a coal-oil mixture during which time all exhaust gases from boiler "C" must be ducted through fabric filters. The coal-oil mixture shall have a maximum sulfur content of 0.9 percent.

PART II

GENERAL CONDITIONS

1. The permittee shall notify the permitting authority in writing of the beginning of construction of the permitted source within 30 days of such action and the estimated date of startup of operation.
2. The permittee shall notify the permitting authority in writing of the actual start-up of the permitted source within 30 days of such action and the estimated date of demonstration of compliance as required in the specific conditions.
3. Each emission point for which an emission test method is established in this permit shall be tested in order to determine compliance with the emission limitations contained herein within sixty (60) days of achieving the maximum production rate, but in no event later than 180 days after initial start-up of the permitting source. The permittee shall notify the permitting authority of the scheduled date of compliance testing at least thirty (30) days in advance of such test. Compliance test results shall be submitted to the permitting authority within forty-five (45) days after the compliance testing. The permittee shall provide (1) sampling ports adequate for test methods applicable to such facility, (2) safe sampling platforms, (3) safe access to sampling platforms, and (4) utilities for sampling and testing equipment.
4. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of two (2) years for the date of recording.
5. If, for any reason, the permittee does not comply with or will not be able to comply with the emission limitations specified in this permit, the permittee shall provide the permitting authority with the following information in writing within five (5) days of such conditions:
 - (a) description of noncomplying emission(s),
 - (b) cause of noncompliance,
 - (c) anticipated time the noncompliance is expected to continue or, if corrected, the duration of the period of noncompliance,
 - (d) steps taken by the permittee to reduce and eliminate the noncomplying emission, and
 - (e) steps taken by the permittee to prevent recurrence of the noncomplying emission.

Failure to provide the above information when appropriate shall constitute a violation of the terms and conditions of this permit. Submittal of this report does not constitute a waiver of the emission limitations contained within this permit.

6. Any change in the information submitted in the application regarding facility emissions or changes in the quantity or quality of materials processed that will result in new or increased emissions must be reported to the permitting authority. If appropriate, modifications to the permit may then be made by the permitting authority to reflect any necessary changes in the permit conditions. In no case are any new or increased emissions allowed that will cause violation of the emission limitations specified herein.
7. In the event of any change in control or ownership of the source described in the permit, the permittee shall notify the succeeding owner of the existence of this permit and to the permitting authority.
8. The permittee shall allow representatives of the state environmental control agency or representatives of the Environmental Protection Agency upon the presentation of credentials:
 - (a) to enter upon the permittee's premises, or other premises under the control of the permittee, where an air pollutant source is located or in which any records are required to be kept under the terms and conditions of the permit;
 - (b) to have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit, or the Act;
 - (c) to inspect at reasonable times any monitoring equipment or monitoring method required in this permit;
 - (d) to sample at reasonable times any emission of pollutants; and
 - (e) to perform at reasonable times an operation and maintenance inspection of the permitted source.

9. All correspondence required to be submitted by this permit to the permitting agency shall be mailed to the:

Chief, Air Management Branch
Air and Waste Management Division
U.S. Environmental Protection Agency
Region IV
345 Courtland Street
Atlanta, Georgia 30365

10. The conditions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

The emission of any pollutant more frequently or at a level in excess of that authorized by this permit shall constitute a violation of the terms and conditions of this permit.

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION IV
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Mr. Steve Smallwood, Chief
Bureau of Air Quality Management
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301