

VCM Plant

CERTIFIED MAIL # 316096
RETURN RECEIPT REQUESTED

September 12, 1979

James F. Coerver
Technical Secretary
Louisiana Air Control Commission
P. O. Box 60630
New Orleans, Louisiana 70160

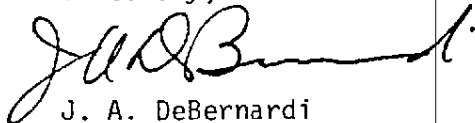
Dear Mr. Coerver:

On August 23, 1979, Conoco's VCM Plant submitted a request for a permit revision under Section 6.1.1 of the LACC regulations. Attached to the permit request was a revised EIQ which had changes made on pages 1 of 9, 2 of 9, 9 of 9, and 6 of 9 (1 and 2 of 18). On August 30, 1979, George Plakotos of your office contacted the VCM Plant and noted that an additional change needed to be made on page 3 of 9. A complete copy of the revised EIQ with the additional change on page 3 of 9 is attached.

Mr. Plakotos also noted that a fee of \$30.00 was required for processing and issuing the permit. A check for that amount is also attached to this letter.

If there are any questions, please contact G. L. Foshee at (318) 491-5062.

Sincerely,



J. A. DeBernardi
Plant Manager

blt

Attachment

BCC w/enc: HJN-MAF-CWT

BCC w/o enc: REL-HDG-JWW-DK-CRH-GLF-PLF-JOG

(formerly) **Conoco Chemicals Company**, A Division of
Continental Oil Company
P.O. Box 605
Westlake, Louisiana 70669
(318) 491-5211
Conoco Inc.

RECEIVED

SEP 18 1979

J - VCM plant

VVC 000012538



VCM Plant

(formerly) Conoco Chemicals Company, A Division of
Continental Oil Company
P.O. Box 605
Westlake, Louisiana 70669
(318) 491-5211

CERTIFIED MAIL #315683
RETURN RECEIPT REQUESTED

August 23, 1979

RECEIVED

AUG 27 1979

James F. Coerver
Technical Secretary
Louisiana Air Control Commission
P. O. Box 60630
New Orleans, LA 70160

Dear Mr. Coerver:

Conoco's VCM Plant located in Westlake, Louisiana hereby requests a permit revision under Section 6.1.1 of the LACC regulations. The permit revision is being requested because a system is currently under construction that will enable the VCM Plant to fire either natural gas, as is presently done, or an alternate fuel gas in its cracking furnaces. Final tie-ins for the new system are scheduled to be completed in November, 1979 and current plans call for the VCM Plant to fire a fuel gas which will be obtained from Conoco's Refinery located at Westlake, Louisiana during periods when natural gas supplies are short. Since natural gas supplies are diminishing, it is being forecasted that this alternate fuel gas may replace natural gas as our primary fuel source. The plant plans to alternate between firing the two fuels as supply and demand varies.

A table showing the emission rates reported in our current EIQ as well as those values associated with firing Refinery fuel gas is attached. In addition, changes were made on Pages 1 of 9, 2 of 9, 9 of 9, and 6 of 9 (1 and 2 of 18) of the VCM Plant's EIQ to reflect the emissions rates for firing the Refinery fuel gas and a copy of the revised EIQ is attached. No new dispersion modeling has been conducted because the only change in emissions flowrates is the SO₂ flowrate and that change is considered to be insignificant. Therefore, we request the Technical Secretary's approval of the permit revision without the benefit of dispersion modeling.

If you have any questions, please contact G. L. Foshee, Chief Process Engineer at (318) 491-5062.

Sincerely,

J. A. DeBernardi
Plant Manager

is
BCC w/enc: HJN-MAF-JOG
BCC w/o enc: REL-HDG-JWW-DAK-CRH-GLF-PLF

VVC 000012539

EMISSION INVENTORY - CRACKING FURNACE STACK⁽¹⁾

<u>Name of Pollutant</u>	<u>AVERAGE EMISSIONS IN TONS/YEAR</u>	
	<u>Emissions for Natural Gas Firing</u>	<u>Emissions for Refinery Fuel Gas Firing</u>
Particulate Matter	3.81	3.81
Sulfur Dioxide	0.123	4.48
Nitrogen Dioxide	48.7	48.7
Hydrocarbons	0.634	0.634
Carbon Monoxide	3.6	3.6

(1) The VCM Plant has two cracking furnaces. In the EIQ they are identified by point source ID numbers IIA and IIB. The data presented here are the emissions for each individual stack.

VVC 000012540