



UNION CARBIDE CORPORATION
CHEMICALS AND PLASTICS

P.O. BOX 8004, SOUTH CHARLESTON, W. VA. 25303

SOUTH CHARLESTON PLANT

April 26, 1976

Mr. Carl G. Beard, II, Director
West Virginia Air Pollution Control Commission
1558 Washington Street, East
Charleston, West Virginia 25311

Ref: Letter, Carl G. Beard, II
to Arthur R. Ryrholm,
April 12, 1976

Dear Mr. Beard:

Subject: Vinyl Chloride Emissions From The
South Charleston Plant

The information which you requested is attached.

Very truly yours,

A. R. Ryrholm
Plant Manager

ARR/pl

Attachment

UCC 104040

"(a) Vinyl Chloride emissions for the years 1967 through 1975
(these are to be the hourly values for a relatively
trouble free operation);"

See the attached table. Please note that the information is given in the form of annualized average emission rates. This is not precisely in the form requested, but we believe it to be suitable for the purposes of the Center of Disease Control study.

UCC 104041

ATMOSPHERIC VCM EMISSIONS

ANNUAL AVERAGE

UNION CARBIDE CORPORATION - SOUTH CHARLESTON PLANT

<u>YEAR</u>	<u>EMISSIONS, LBS./HOUR</u>
1967	240
1968	260
1969	250
1970	260
1971	270
1972	235
1973	265
1974	180
1975	76
1976	65*

*Emissions by the end of 1976 will have been reduced to approximately 3 pounds per hour.

UCC 104042

"(b) The dates, times and quantities of unusual emissions of vinyl chloride within the 1967 - 1975 time period;"

This information follows.

UCC 104043

ABNORMAL EMISSIONS
(Estimates)

	<u>Number of Abnormal Emissions</u>
1970	28
1971	18
1972	12
1973	5
1974	2
1975	0

These emissions ranged from 1000 to 8000 pounds. The average has been estimated as 2000 pounds; the larger releases have been very infrequent.

No estimates are available for the years 1967 - 1968 - 1969.

UCC 104044