

An emission of 7000 + lbs. of vinyl chloride occurred on October 1, 1974, at about 2:15 a.m. This is the largest emission of which we have knowledge of during the 1967 - 1975 period.

Ten samples were taken to determine the effect and persistency of vinyl chloride in the community as a result of this release.

<u>Time</u>	<u>Sample Station</u>	<u>Type Sample</u>	<u>VCM Conc. ppmv</u>
7:36 a.m.	No. Chas. Fire Station	Grab	<0.05
7:36 a.m. - 11:55 a.m.	No. Chas. Fire Station	Carbon tube	<0.05
7:50 a.m.	No. 8*	Grab	0.2
7:50 a.m. - 11:55 a.m.	No. 8*	Carbon Tube	<0.05
8:11 a.m.	No. 9*	Grab	0.1
8:11 a.m. - 12 Noon	No. 9*	Carbon Tube	<0.05
8:25 a.m.	No. 10*	Grab	<0.05
8:25 a.m. - 12:15 p.m.	No. 10*	Carbon Tube	NA
8:45 a.m.	No. 3*	Grab	<0.05
8:45 a.m. 12:15 p.m.	No. 3*	Carbon Tube	<0.05

Weather conditions at the time of the incident:

Temperature	40 F°
Humidity	85%
Wind - Calm	Out of the SW
Other	Fog Condition

The emission occurred at a facility on Blaine Island, where all vinyl chloride consuming units are located. Virtually all abnormal vinyl chloride emissions have occurred at facilities located on Blaine Island.

*Consult the attached map.

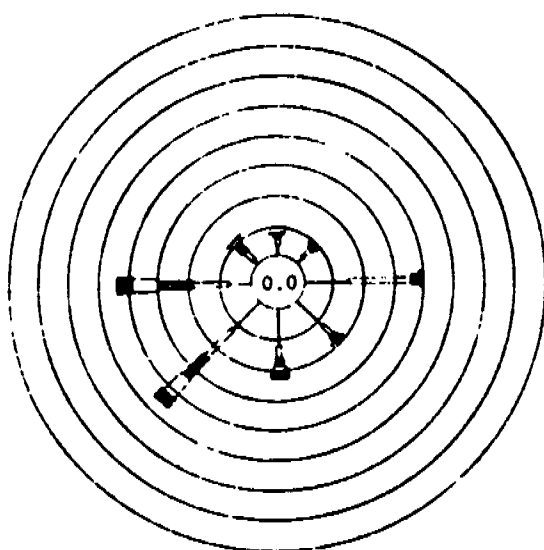
UCC 104045

"(c) Any meteorological data that your plant has that was taken by your personnel during the same time at your facility in South Charleston. It would be particularly helpful if this particular information had already been reduced to wind roses."

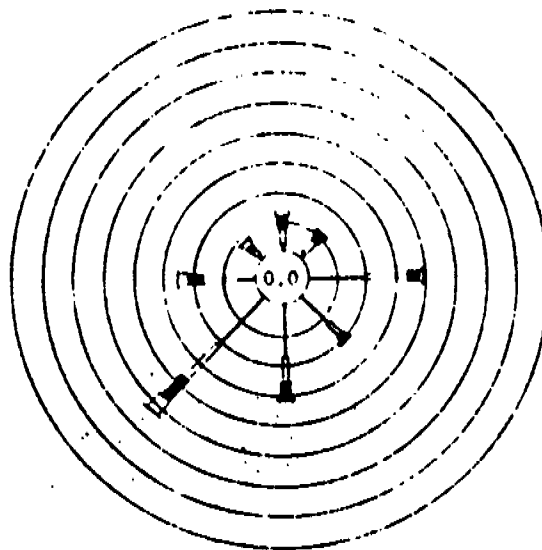
The following section is a summary of the requested data.

UCC 104046

Data Base: April 21, 1965 through
March 31, 1966



SPRING 844 OBSERVATIONS



SUMMER 1080 OBSERVATIONS

