



UNION CARBIDE CORPORATION
CHEMICALS AND PLASTICS

P. O. BOX 471, TEXAS CITY, TEXAS 77590

March 18, 1983

Mr. Bill Stewart
Executive Director
Texas Air Control Board
6330 Highway 290 East
Austin, Texas 78723

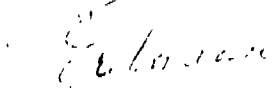
Subject: Semiannual Report for NESHAPS Regulation on Vinyl
Chloride Monomer, for Solvent Vinyl Resins Process,
Texas City Plant (41 CFR 46559, October 12, 1976)
Reporting Period: September 1982 thru February 1983

Dear Mr. Stewart:

The attached Semiannual Report for September 1982 thru February 1983
is submitted in accordance with Section 61.70 of the Vinyl Chloride
Regulation noted above.

If there are any questions about this report, please refer them to
my attention.

Yours very truly,


J. F. Erdmann, P.E.
Environmental Protection
Coordinator
(409) 948-5126

JFE:rw
Attachments

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UNION CARBIDE CORPORATION
SOLVENTS AND COATINGS MATERIALS DIVISION
SEMIANNUAL REPORT FOR NESHAPS REGULATION
FOR VINYL CHLORIDE MONOMER
SOLVENT VINYL RESINS PROCESS, TEXAS CITY, TEXAS
MARCH 18, 1983

I. EXCESS EMISSIONS [§61.70 (c) (1)]

Under this section, parts A, B, and C do not apply as indicated in our March 15, 1979 semiannual report for the reasons listed therein.

The solvent and monomer recovery system operations are the same as described in this previous report and will not be repeated here.

There were no emergency releases of VCM during this reporting period.

II. CONTINUOUS STRIPPING [§61.70 (c) (2)]

The description of our monomer stripping system has been previously submitted in the semiannual report dated March 15, 1979.

This process was shut down for inventory control approximately 10 weeks during this reporting period.

There was one Atj value of 217 ppm for September 19, 1982, but all the other values for this period were below 30 ppm in relation to the 400 ppm limit specified in the regulation. The average for the 111 operating days was 4.4 ppm.

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SEPTEMBER

1982

<u>Date</u>	<u>Ati</u>
1	9.28
2	5.48
3	1.92
4	10.22
5	1.81
6	28.59
7	12.43
8	11.68
9	3.77
10	17.75
11	0.88
12	0.59
13	0.65
14	0.39
15	0.38
16	0.80
17	0.45
18	0.28
19	217.24
20	4.51
21	1.82
22	7.85
23	6.23
24	0.80
25	1.11
26	0.10
27	0.10
28	1.93
29	0.46
30	0.69

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OCTOBER

1982

<u>Date</u>	<u>Ati</u>
1	0.23
2	1.44
3	5.18
4	7.94
5	2.78
6	0.38
7	1.23
8	3.96
9	0.97
10	0.94
11	0.75
12	0.98
13	3.08
14	0.30
15	0.72
16	0.71
17	0.61
18	0.23
19	Down
20	0.68
21	0.10
22	1.03
23	0.37
24	0.19
25	2.24
26	1.73
27	1.29
28	0.10
29	0.10
30	0.44
31	0.11

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NOVEMBER

1982

Date

Ati

1	0.66
2	0.29
3	0.35
4	0.25
5	0.10
6	0.12
7	0.10
8	0.13
9	0.10
10	0.98
11	2.11
12	0.47
13	0.64
14	0.13
15	0.49
16	6.95
17	3.91
18	Down
19	
20	
21	For
22	
23	
24	Inventory
25	
26	
27	
28	
29	Control
30	
31	

0711

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DECEMBER
1982

Date

At 1

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30
31

Down

For

Inventory

Control

0 2 10

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JANUARY 1983

Date

Ati

1
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29
30
31

Down

for

Inventory

Control

17.90

5.13

0.50

0.59

1.09

0.87

171.0

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February 1983

<u>Date</u>	<u>Ati</u>
1	6.19
2	4.77
3	0.78
4	3.47
5	2.33
6	1.07
7	0.56
8	0.72
9	0.27
10	1.24
11	1.07
12	0.34
13	0.40
14	0.35
15	1.18
16	5.49
17	0.12
18	0.25
19	1.22
20	1.14
21	6.31
22	1.39
23	0.84
24	5.28
25	4.18
26	0.27
27	3.51
28	0.59

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