

INTER-OFFICE MEMO **TENNECO CHEMICALS, INC.**

TO J. T. Sweeney AT Flemington DATE March 30, 1981

FROM R. B. Robertson AT Flemington COPY TO P. Benn

SUBJECT VCM Control Report
Period: March 7, 1981 to March 13, 1981

W. R. Fogelsanger
D. M. Hershkowitz
F. W. Kanzler
R. A. Lojewski
W. Miringoff
S. P. Robbins*
M. K. Rosen
G. I. Rozand
P. D. Ruane
D. I. Scofield

*Table II Only

<u>Area</u>	<u>VCM Average Level</u>	<u>% > 1 ppm</u>	<u>Number > 100 ppm</u>
Reactor Building	0.4	1.2	6
Rec. Comp. Room	1.1	1.5	5
General Area	< 0.1	0.05	0
Pilot Plant	0.1	0.4	1
Parshall Flume	< 0.1	0.3	0

The Reactor Building remained at a low 0.4 ppm average.

Bendix TWA Analysis: The computer TWA values for the Utility Operators were above 1.0 ppm. This classification was protected by the use of breathing air.


R. B. Robertson

RBR/jmk

012657

INTER-OFFICE MEMO

TENNECO CHEMICALS, INC.

TO R. B. Robertson
FROM P. D. Ruane
SUBJECT VCM Control Report
Period: 3/7/81 to 3/13/81

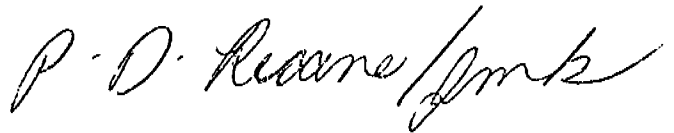
At Flemington
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DATE March 30, 1981

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Attached is a summary of the Flemington Plant VCM levels as determined by the computerized Area Monitoring System for the week of March 7, 1981 to March 13, 1981.



P. D. Ruane

PDR/jmk

012658

TABLE I
AREA MONITORING SYSTEM - FLEMINGTON

Weekly Summary

Period: March 7, 1981 - March 13, 1981

<u>Area</u>	<u>AVERAGE PPM,VCM</u>	<u>Total Samples</u>	<u>N</u>	<u>> 1 %</u>	<u>Number of Readings & Percentages</u>					
					<u>> 5 %</u>	<u>> 25 %</u>	<u>> 100 %</u>			
Reactor Building	0.4	10,368	123	1.2	82	0.8	19	0.2	6	0.06
Recovery Comp. Room	1.1	1,152	17	1.5	13	1.1	8	0.7	5	0.4
General Area	< 0.1	5,760	3	0.05	2	0.03	0	0	0	0
Pilot Plant	0.1	5,184	22	0.4	13	0.2	3	0.06	1	0.02
Parshall Flume	< 0.1	576	2	0.3	0	0	0	0	0	0

P. D. Ruane/jmk

P. D. Ruane

PDR/jmk

012653

FLEMINGTON TIME-WEIGHTED EXPOSURE AVERAGES
CALCULATED FROM BENDIX MONITORING DATA

03/07/81 TO 03/13/81

JOB CLASSIFICATION

TWA

TABLE II

RESIN PLANT

POLYFORMAN W AIR	.4
POLYFORMAN WD AIR	.5
SHIFT FORMAN W AIR	.2
SHIFT FORMAN WD AIR	.3
RELIEF FOREMAN W AIR	.1
RELIEF FOREMAN WD AIR	.1
REACTOR OPER-CHRG W AIR	.3
REACTOR OPER-CHRG WD AIR	.3
REACTOR OPER-DUMP6 W AIR	.1
REACTOR OPER-DUMP6 WD AIR	.5
REACTOR OPER-RELIEF W AIR	.2
REACTOR OPER-RELIEF WD AIR	.6
UTILITY OPER W AIR	.2
UTILITY OPER WD AIR	1.3
DRYER OPER	.0
WAREHOUSE SUPERVISOR	.1
WAREHOUSEMAN-BAGGER	.1
RELIEF OPER W AIR	.1
RELIEF OPER WD AIR	.1

GENERAL AREA

MAINTENANCE FORMAN	.1
MECHANIC SHIFT	.4
MECHANIC DAY	.3
BOILER OPER	.0
MAINTENANCE CLERK	.1
EFFLUENT MAN W AIR	.2
EFFLUENT MAN WD AIR	.2
QC TECHNICIAN	.1
QC SUPERVISOR	.1

PILOT PLANT

GROUP LEADER	.3
ENGINEER	.2
TECHNOLOGIST	.1
TECHNICIAN W AIR	.1
TECHNICIAN WD AIR	.2
MAINT TECHNICIAN	.1

Paul D. Ruane

012660

0%

GRAPH #1

FLEMINGTON BENDIX MONITORING SYSTEM
PERCENT GREATER THAN 1ppm AND 5ppm VCM

012661

REACTOR BUILDING

40

30

20

10

0

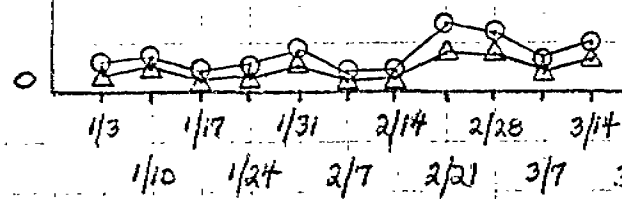
1/3 1/10 1/17 1/24 1/31 2/7 2/14 2/21 2/28 3/7 3/14 3/21

REPORT PERIOD, BEGINNING

1961

○ = PERCENT ABOVE 1ppm
Δ = PERCENT ABOVE 5ppm

P.D.R. 81



3m
3m
VG.

GRAPH # 2

WEEKLY PLANT EXPOSURE AVERAGES
FLEMINGTON PLANT

012662

REACTOR BUILDING

4

3

2

1

(MAX)

(ACTION LEVEL)

0

1/3 1/17 1/31 2/4 2/23 3/11
1/10 1/24 2/7 2/21 3/7 3/21

REPORT PERIOD, BEGINNING 1981

P.D. 1/81

PM
CM
VG.

GRAPH # 3

WEEKLY PLANT EXPOSURE AVERAGES

FLEMINGTON - PILOT PLANT

PILOT PLANT

012663

4

3

2

1

(MAX)

(ACTION LEVEL)

0

1/3 1/10 1/17 1/24 1/31 2/7 2/14 2/21 2/28 3/7 3/14 3/21

REPORT PERIOD, BEGINNING 1981

P.D. 1/81