

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

To J. T. Sweeney At Flemington DATE September 16, 1981

FROM W. R. Smickle At Flemington COPY TO P. Benh

SUBJECT VCM Control Report R. A. Donovan

Period: 8/15/81 to 8/21/81 W. R. Fogelsanger

 F. W. Kanzler

 R. A. Lojewski

 S. P. Robbins*

 W. Miringoff

 M. K. Rosen

 G. I. Rozand

 P. D. Ruane

 D. I. Scofield

*Table II Only

<u>Area</u>	<u>VCM Average Level</u>	<u>% $\geq$ 1 ppm</u>	<u>Number $\geq$ 100 ppm</u>
Reactor Building	0.1	0.2	0
Recovery Comp. Room	0.1	1.1	0
General Area	<0.1	0.03	0
Pilot Plant	<0.1	0.1	0
Parshall Flume	0	0	0

The Reactor Building remained at a low 0.1 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.


W. R. Smickle

WRS:ms

012496

INTER-OFFICE MEMO

TENNECO CHEMICALS, INC.

TO W. R. Smickle
FROM P. D. Ruane
SUBJECT VCM Control Report
Period: 8/15/81 to 8/21/81

At Flemington
At Flemington

DATE September 14, 1981

COPY TO P. Benn
R. A. Donovan
W. R. Fogelsanger
F. W. Kanzler
R. A. Lojewski
W. Miringoff
S. P. Robbins*
M. K. Rosen
G. I. Rozand
D. I. Scofield
J. T. Sweeney

*Table II Only

Attached is a summary of the Flemington Plant VCM levels
as determined by the Computerized Area Monitoring System for the
week of August 15, 1981 to August 21, 1981.


P. D. Ruane

PDR:ms

012497

TABLE I

AREA MONITORING SYSTEM - FLEMINGTON

Weekly Summary

Period: 8/15/81 to 8/21/81

Number of Readings & Percentages

<u>Area</u>	<u>AVERAGE</u> <u>PPM,VCM</u>	<u>Total</u> <u>Samples</u>	<u>N</u>	<u>≥ 1</u> <u>%</u>	<u>N</u>	<u>≥ 5</u> <u>%</u>	<u>N</u>	<u>≥ 25</u> <u>%</u>	<u>N</u>	<u>≥ 100</u> <u>%</u>
Reactor Building	0.1	9,820	15	0.2	4	0.04	0	0	0	0
Recovery Comp. Room	0.1	1,140	12	1.1	2	0.2	0	0	0	0
General Area	<0.1	5,980	2	0.03	1	0.02	0	0	0	0
Pilot Plant	<0.1	4,860	5	0.1	0	0	0	0	0	0
Parshall Flume	0	460	0	0	0	0	0	0	0	0

P. D. Ruane /ms

P. D. Ruane

PDR:ms

012438

FLEMINGTON TIME-WEIGHTED EXPOSURE AVERAGES
CALCULATED FROM BENDIX MONITORING DATA

TABLE II

08/15/81 TO 08/21/81

JOB CLASSIFICATION

TWA

RESIN PLANT

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

GENERAL AREA

MAINTENANCE FORMAN	.1
MECHANIC SHIFT	.0
MECHANIC DAY	.0
BOILER OPER	.0
MAINTENANCE CLERK	.1
EFFLUENT MAN W AIR	.2
EFFLUENT MAN WD AIR	.2
QC TECHNICIAN	0.0
QC SUPERVISOR	.0

PILOT PLANT

GROUP LEADER	.3
ENGINEER	.2
TECHNOLOGIST	.1
TECHNICIAN W AIR	.0
TECHNICIAN WD AIR	.1
MAINT TECHNICIAN	.0

Paul D. Ruane

012499

GRAPH #1

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

REACTOR BUILDING

40

30

20

10

0

01

02

1/3 1/10 1/17 1/24 1/31 2/7 2/14 2/21 2/28 3/7 3/14 3/21 3/28 4/4 4/11 4/18 4/25 5/2 5/9 5/16 5/23 5/30 6/6 6/13 6/20 6/27 7/4 7/11 7/18 7/25 8/1 8/8 8/15 8/22 8/29 9/5

REPORT PERIOD, BEGINNING
1981

O = PERCENT ABOVE 1ppm
Δ = PERCENT ABOVE 5ppm

AVG.

WEEKLY PLANT EXPOSURE AVERAGES
FLEMINGTON PLANT

REACTOR BUILDING

4

3

2

1

0

(MAX)

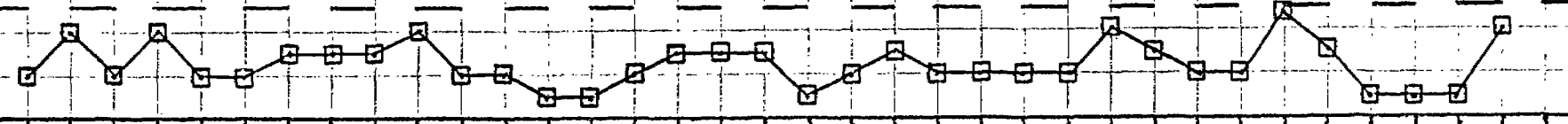
(ACTION LEVEL)

012501

1/3 1/10 1/17 1/24 1/31 2/7 2/14 2/21 2/28 3/7 3/14 3/21 3/28 4/4 4/11 4/18 4/25 5/2 5/9 5/16 5/23 5/30 6/6 6/13 6/20 6/27 7/4 7/11 7/18 7/25 8/1 8/8 8/15 8/22 8/29 9/5

REPORT PERIOD, BEGINNING 1981

P.D.R. 1/81



PPM
VCM
AVG.

GRAPH # 3

WEEKLY PLANT EXPOSURE AVERAGES

FLEMINGTON - PILOT PLANT

PILOT PLANT

4

3

2

1

(MAX)

(ACTION-LEVEL)

0

012503

1/3 1/10 1/17 1/24 1/31 2/7 2/14 2/21 2/28 3/7 3/14 3/21 3/28 4/4 4/11 4/18 4/25 5/2 5/9 5/16 5/23 5/30 6/6 6/13 6/20 6/27 7/4 7/11 7/18 7/25 8/1 8/8 8/15 8/22 8/29 9/5

REPORT PERIOD, BEGINNING 1981

0 1/21

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

TO J. T. Sweeney
 FROM W. R. Smickle
 SUBJECT VCM Control Report
 Period: 8/8/81 to 8/14/81

AT Flemington

AT Flemington

DATE September 16, 1981

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

*Table II Only

<u>Area</u>	<u>VCM Average Level</u>	<u>% $\geq$ 1 ppm</u>	<u>Number $\geq$ 100 ppm</u>
Reactor Building	0.1	0.4	0
Recovery Comp. Room	0.2	1.7	0
General Area	<0.1	0.07	0
Pilot Plant	<0.1	0.1	0
Parshall Flume	0	0	0

The Reactor Building remained at a low 0.1 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.


 W. R. Smickle

WRS:ms

012503