

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. 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

SUBJECT VCM Control Report
Period: 8/29/81 to 9/4/81

Table II Only

<u>Area</u>	<u>VCM Average Level</u>	<u>% $\geq$ 1 ppm</u>	<u>Number $\geq$ 100 ppm</u>
Reactor Building	0.4	0.4	6
Recovery Comp. Room	2.6	17.6	1
General Area	<0.1	0.05	0
Pilot Plant	0.1	0.05	1
Parshall Flume	0	0	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.


W. R. Smickle

WRS:ms

012482

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

TO W. R. Smickle
FROM P. D. Ruane
SUBJECT VCM Control Report
Period: 8/29/81 to 9/4/81

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 29, 1981 to September 4, 1981.

P. D. Ruane /ms
P. D. Ruane

PDR:ms

012433

Day Limiter for
1-215-395.5884

TABLE I

AREA MONITORING SYSTEM - FLEMINGTON

Weekly Summary

Period: 8/29/81 to 9/4/81

Number of Readings & Percentages

<u>Area</u>	<u>AVERAGE PPM,VCM</u>	<u>Total Samples</u>	<u>N</u>	<u>>1 %</u>	<u>N</u>	<u>>5 %</u>	<u>N</u>	<u>>25 %</u>	<u>N</u>	<u>>100 %</u>
Reactor Building	0.4	7,780	32	0.4	27	0.3	18	0.2	6	0.08
Recovery Comp. Room	2.6	860	151	17.6	113	13.1	9	1.0	1	0.1
General Area	<0.1	4,300	2	0.05	2	0.05	0	0	0	0
Pilot Plant	0.1	3,980	2	0.05	2	0.05	1	0.03	1	0.03
Parshall Flume	0	430	0	0	0	0	0	0	0	0

P. D. Ruane /ms

P. D. Ruane

PDR:ms

012484

FLEMINGTON TIME-WEIGHTED EXPOSURE AVERAGES
CALCULATED FROM BENDIX MONITORING DATA

08/29/81 TO 09/04/81

TABLE II

CLASSIFICATION TWA

RESIN PLANT

POLYFORMAN W AIR	.2
POLYFORMAN WD AIR	.4
SHIFT FORMAN W AIR	.1
SHIFT FORMAN WD AIR	.3
RELIEF FOREMAN W AIR	.1
RELIEF FOREMAN WD AIR	.3
REACTOR OPER-CHRG W AIR	.3
REACTOR OPER-CHRG WD AIR	.3
REACTOR OPER-DUMPS W AIR	.2
REACTOR OPER-DUMPS WD AIR	.6
REACTOR OPER-RELIEF W AIR	.2
REACTOR OPER-RELIEF WD AIR	.7
UTILITY OPER W AIR	.2
UTILITY OPER WD AIR	1.4
DRYER OPER	.0
WAREHOUSE SUPERVISOR	.1
WAREHOUSEMAN-BAGGER	.1
RELIEF OPER W AIR	.0
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	.0
QC SUPERVISOR	.0

PILOT PLANT

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

Paul D. Ruane

012485

70

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

REACTOR BUILDING

40

30

20

10

2486

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

2486 1/21

REPORT PERIOD, BEGINNING
 1981

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



AVG.

WEEKLY PLANT EXPOSURE AVERAGES FLEMINGTON PLANT

REACTOR BUILDING

(MAX)

(ACTION LEVEL)

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

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AVG.

GRAPH

WEEKLY PLANT EXPOSURE AVERAGES

FLEMINGTON - PILOT PLANT

PILOT PLANT

4

3

2

1

(MAX)

(ACTION LEVEL)

0

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

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REPORT PERIOD, BEGINNING 1981

P.D.R. 1/81