

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

TO J. T. Sweeney AT Flemington
FROM R. B. Robertson AT Flemington
SUBJECT VCM Control Report
Period: May 9, 1981 to May 15, 1981

DATE July 20, 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>% >1 ppm</u>	<u>Number >100 ppm</u>
Reactor Building	0.1	0.7	0
Recovery Comp. Room	0.3	1.9	0
General Area	<0.1	0.1	0
Pilot Plant	0.1	0.2	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.


R. B. Robertson

RBR:ms

012534

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

To R. B. Robertson At Flemington DATE July 20, 1981

FROM P. D. Ruane At Flemington COPY TO P. Benn

SUBJECT VCM Control Report R. A. Donovan

Period: 5/9/81 to 5/15/81 W. R. Fogelsanger

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 *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 May 9, 1981 to May 15, 1981.

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

PDR:ms

012595

TABLE I
AREA MONITORING SYSTEM - FLEMINGTON

Weekly Summary

Period: 5/9/81 to 5/15/81

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	0.1	10,206	68	0.7	46	0.4	5	0.05	0	0
Recovery Comp. Room	0.3	1,134	21	1.9	15	1.3	1	0.09	0	0
General Area	<0.1	5,670	6	0.1	1	0.02	0	0	0	0
Pilot Plant	0.1	5,103	10	0.2	5	0.1	0	0	0	0
Parshall Flume	0	567	0	0	0	0	0	0	0	0

P. D. Ruane /ms

P. D. Ruane

PDR:ms

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FLEMINGTON TIME-WEIGHTED EXPOSURE AVERAGES
CALCULATED FROM BENDIX MONITORING DATA

05/09/81 TO 05/15/81

TABLE II

JOB CLASSIFICATION

TWA

RESIN PLANT

POLYFORMAN W AIR	.1
POLYFORMAN WD AIR	.1
SHIFT FORMAN W AIR	.1
SHIFT FORMAN WD AIR	.2
RELIEF FOREMAN W AIR	.1
RELIEF FOREMAN WD AIR	.2
REACTOR OPER-CHRG W AIR	.1
REACTOR OPER-CHRG WD AIR	.1
REACTOR OPER-DUMPS W AIR	.1
REACTOR OPER-DUMPS WD AIR	.5
REACTOR OPER-RELIEF W AIR	.1
REACTOR OPER-RELIEF WD AIR	.5
UTILITY OPER W AIR	.1
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	.1
MECHANIC DAY	.1
BOILER OPER	.0
MAINTENANCE CLERK	.1
EFFLUENT MAN W AIR	.2
EFFLUENT MAN WD AIR	.2
QC TECHNICIAN	.1
QC SUPERVISOR	.1

PILOT PLANT

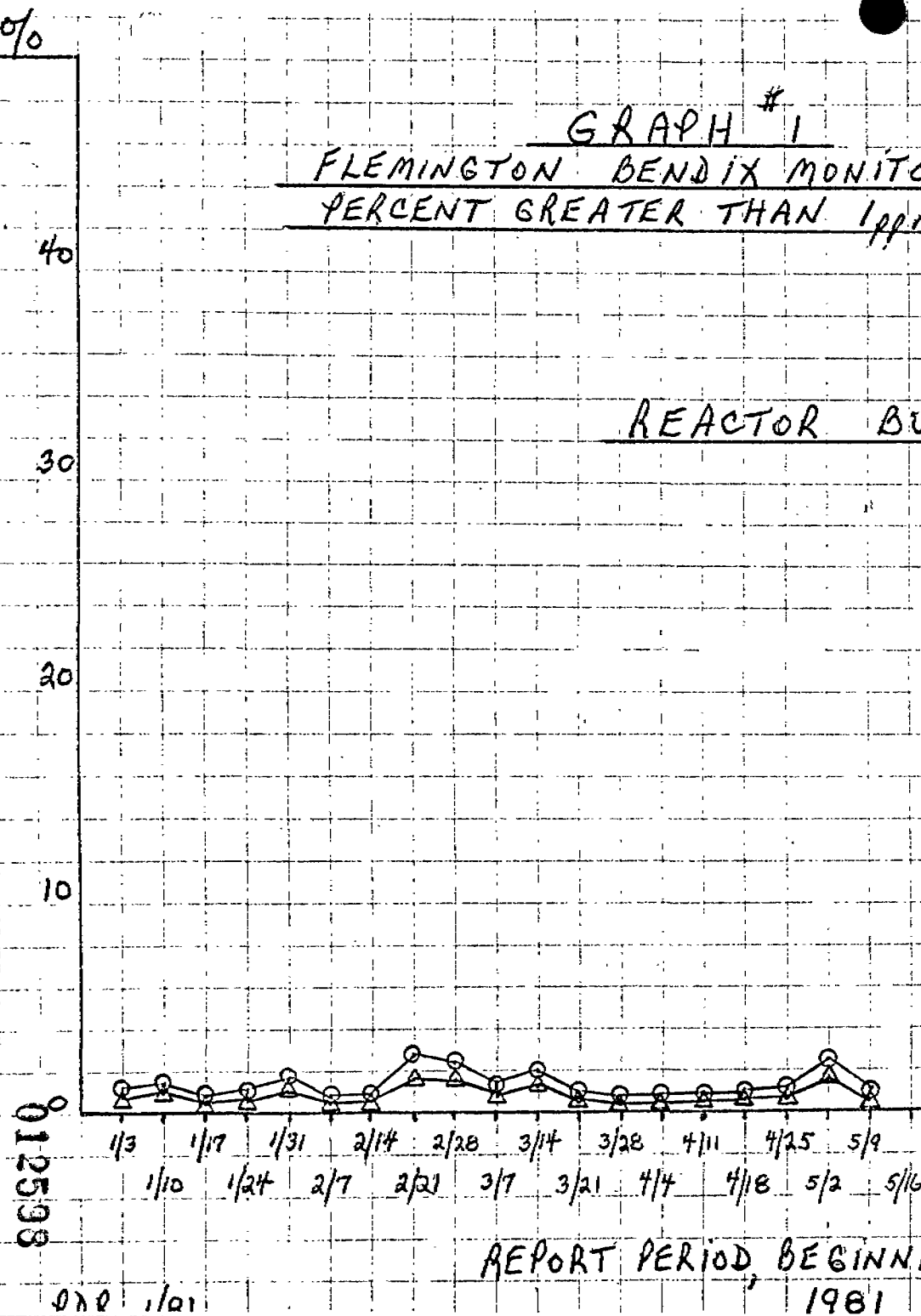
GROUP LEADER	.3
ENGINEER	.2
TECHNOLOGIST	.1
TECHNICIAN W AIR	.1
TECHNICIAN WD AIR	.1
MAINT TECHNICIAN	.0

Paul D. Ruane

012537

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

REACTOR BUILDING



○ = PERCENT ABOVE 1ppm
 △ = PERCENT ABOVE 5ppm

PPM
VCM
AVG.

GRAPH # 2

WEEKLY PLANT EXPOSURE AVERAGES FLEMINGTON PLANT

REACTOR BUILDING

4

3

2

1

(MAX)

(ACTION LEVEL)

0.12539

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

REPORT PERIOD, BEGINNING 1981

D. N. R. 1/81

PPM
VCM
AVG.

GRAPH # 3

WEEKLY PLANT EXPOSURE AVERAGES

FLEMINGTON - PILOT PLANT

PILOT PLANT

(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

REPORT PERIOD, BEGINNING 1981

012300

0.0 1.0