

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

TO J. T. Sweeney
 FROM R. B. Robertson
 SUBJECT VCM Control Report for the
 Period: 3/15/80 to 3/21/80

At Flemington

At Flemington

DATE April 21, 1980

COPY TO W. R. Fogelsanger
 D. M. Hershkowitz
 F. W. Kanzler
 F. S. Klopp
 R. A. Lojewski
 S. P. Robbins*
 M. K. Rosen
 C. F. Rothenbeck
 G. I. Rozand
 P. D. Ruane
 P. R. Scarito
 D. I. Scofield
 M. E. Wagshul

*Table II Only

<u>Area</u>	<u>VCM Average Level</u>	<u>% > 1 ppm</u>	<u>Number > 100 ppm</u>
Reactor Building	0.3	1.9	0
Recovery Comp. Room	0.6	4.5	2
General Area	0.1	0.2	1
Pilot Plant	<0.1	0.7	0
Parshall Flume	0.1	1.2	0

The Reactor Building remained at a low 0.3 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

011571

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FROM P. D. Ruane
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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 15, 1980 to March 21, 1980.

Paul D. Ruane
P. D. Ruane

PDR:ms.

011573

TABLE I
FLEMINGTON AREA MONITORING SYSTEM
Weekly Summary

Period: 3/15/80 to 3/21/80

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	0.3	6,240	121	1.9	97	1.6	16	0.3	0	0
Recovery Comp. Room	0.6	960	43	4.5	9	0.9	2	0.2	2	0.2
General Area	0.1	4,800	9	0.2	7	0.1	1	0.02	1	0.02
Pilot Plant	<0.1	3,840	27	0.7	7	0.2	0	0	0	0
Parshall Flume	0.1	480	6	1.2	0	0	0	0	0	0

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FLEMINGTON TIME-WEIGHTED EXPOSURE AVERAGES
CALCULATED FROM BENDING MONITORING DATA

03/15/80 TO 03/21/80

JOB CLASSIFICATION

TWA

TABLE II

PESIN PLANT

POLYFORMAN W AIR	.1
POLYFORMAN WO AIR	.2
SHIFT FORMAN W AIR	.1
SHIFT FORMAN WO AIR	.2
RELIEF FOREMAN W AIR	.1
RELIEF FOREMAN WO AIR	.1
REACTOR OPER-CHRG W AIR	.2
REACTOR OPER-CHRG WO AIR	.2
REACTOR OPER-DUMPG W AIR	.1
REACTOR OPER-DUMPG WO AIR	.6
REACTOR OPER-RELIEF W AIR	.2
REACTOR OPER-RELIEF WO AIR	.6
UTILITY OPER W AIR	.2
UTILITY OPER WO AIR	1.4
DEVEP OPER	.0
WAREHOUSE SUPERVISOR	.1
WAREHOUSEMAN-BAGGER	.1
RELIEF OPER W AIR	.2
RELIEF OPER WO AIR	.2

GENERAL AREA

MAINTENANCE FORMAN	.1
MECHANIC SHIFT	.2
MECHANIC DAY	.1
BOILER OPER	.1
MAINTENANCE CLEPK	.1
EFFLUENT MAN W AIR	.2
EFFLUENT MAN WO AIR	.2
QC TECHNICIAN	.2
QC SUPERVISOR	.1

PILOT PLANT

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

Paul D. Ruane

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

REACTOR BUILDING

%

50

40

30

20

10

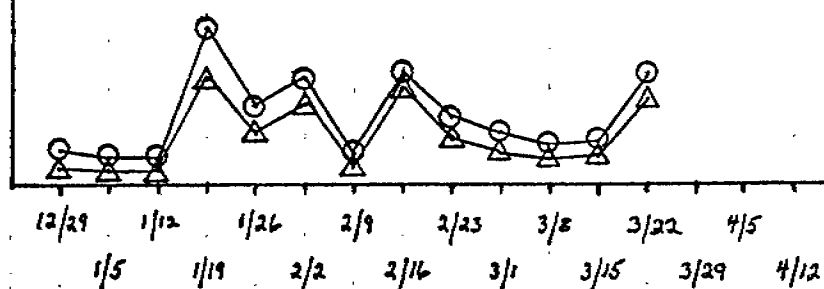
0

011576

12/29 1/5 1/12 1/19 1/26 2/2 2/9 2/16 2/23 3/1 3/8 3/15 3/22 3/29 4/5 4/12

REPORT PERIOD, BEGINNING
 1980

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



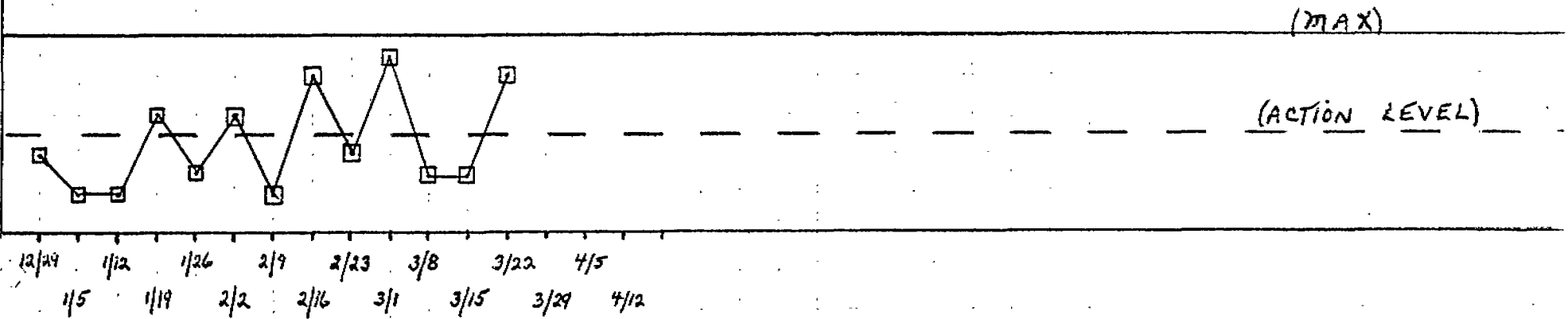
ppm
vcm
x

GRAPH #

WEEKLY PLANT EXPOSURE AVERAGES
FLEMINGTON PLANT

REACTOR BUILDING

4
3
2
1
0



011577

REPORT PERIOD BEGINNING

1980

P.D.R. i/8c

pm
cm
X

GRAPH #

WEEKLY PLANT EXPOSURE AVERAGES

FLEMINGTON - PILOT PLANT

PILOT PLANT

4

3

2

1

0

(MAX)

(ACTION LEVEL)

12/29 1/12 1/26 2/9 2/23 3/8 3/22 4/5
1/5 1/19 2/2 2/16 3/1 3/15 3/29 4/12

011578

REPORT PERIOD, BEGINNING 1980

P.D.R. 1/80