

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

TO	J. T. Sweeney	AT Flemington	DATE	January 27, 1981
FROM	R. B. Robertson	AT Flemington	COPY TO	P. Benn
SUBJECT	VCM Control Report			P. R. Bisson
	Period: 12/6/80 to 12/12/80			W. R. Fogelsanger
				D. M. Hershkowitz

*Table II Only

<u>Area</u>	<u>VCM Average Level</u>	<u>% >1 ppm</u>	<u>Number >100 ppm</u>
Reactor Building	0.2	1.5	0
Recovery Comp. Room	0.9	5.7	0
General Area	<0.1	0.04	0
Pilot Plant	0.4	3.5	3
Parshall Flume	0	0	0

The Reactor Building remained at a low 0.2 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
R. B. Robertson

RBR:ms

011300

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

To R. B. Robertson At Flemington DATE January 27, 1981

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

SUBJECT VCM Control Report W. R. Fogelsanger

Period: 12/6/80 to 12/12/80 D. M. Hershkowitz

 F. W. Kanzler

 R. A. Lojewski

 W. Miringoff

 S. P. Robbins*

 M. K. Rosen

 G. I. Rozand

 D. I. Scofield

 J. T. Sweeney

 M. E. Wagshul

*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 12/6/80 to 12/12/80.

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

PDR:ms

011301

TABLE I
AREA MONITORING SYSTEM - FLEMINGTON
Weekly Summary

Period: 12/6 to 12/12/80

<u>Area</u>	<u>AVERAGE PPM, VCM</u>	<u>Total Samples</u>	<u>Number of Readings & Percentages</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	0.2	8,640	130	1.5	47	0.5	4	0.05	0	0
Recovery Com. Room	0.9	960	55	5.7	46	4.8	10	1.0	0	0
General Area	<0.1	4,800	2	0.04	1	0.02	0	0	0	0
Pilot Plant	0.4	4,320	151	3.5	83	1.9	32	0.7	3	0.07
Parshall Flume	0	480	0	0	0	0	0	0	0	0

011302

FLEMINGTON TIME-WEIGHTED EXPOSURE AVERAGES
CALCULATED FROM BENDIX MONITORING DATA

12/06/80 TO 12/12/80

JOB CLASSIFICATION

TWA

TABLE II

RESIN PLANT

POLYFORMAN W AIR	.1
POLYFORMAN WD AIR	.2
SHIFT FORMAN W AIR	.1
SHIFT FORMAN WD AIR	.2
RELIEF FOREMAN W AIR	0.0
RELIEF FOREMAN WD AIR	0.0
REACTOR OPER-CHRG W AIR	.2
REACTOR OPER-CHRG WD AIR	.2
REACTOR OPER-DUMP W AIR	.1
REACTOR OPER-DUMP 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	0.0
RELIEF OPER WD AIR	0.0

GENERAL AREA

MAINTENANCE FORMAN	.1
MECHANIC SHIFT	.2
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	.3
TECHNOLOGIST	.3
TECHNICIAN W AIR	.3
TECHNICIAN WD AIR	.4
MAINT TECHNICIAN	.2

Paul J. Kame

011303

70
50

40

30

20

10

0

GRAPH #1

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

REACTOR BUILDING

12/29 1/12 1/26 2/9 2/23 3/8 3/22 4/5 4/19 5/3 5/17 5/31 6/14 6/28 7/12 7/26 8/9 8/23 9/6 9/20 9/27 10/4 10/18 11/1 11/5 11/29 12/13
 1/5 1/19 2/2 2/16 3/1 3/15 3/29 4/12 4/26 5/10 5/24 6/7 6/21 7/5 7/19 8/2 8/16 8/30 9/13 9/27 10/11 10/25 11/8 11/22 12/6 12/20

REPORT PERIOD BEGINNING
1980O = PERCENT ABOVE 1ppm
Δ = PERCENT ABOVE 5ppm

P.D.R. 1/80

GRAPH #2

WEEKLY PLANT EXPOSURE AVERAGES
FLEMINGTON PLANT

REACTOR BUILDING

m
m

4

3

2

1

0

12/27 1/2 1/26 2/9 2/23 3/8 3/22 4/5 4/19 5/3 5/17 5/31 6/14 6/28 7/12 7/26 8/9 8/23 9/6 9/20 10/4 10/18 11/1 11/15 11/29 12/13
 1/5 1/19 2/2 2/16 3/1 3/15 3/29 4/12 4/26 5/10 5/24 6/7 6/21 7/5 7/19 8/2 8/16 8/30 9/13 9/27 10/11 10/25 11/8 11/22 12/6 12/20

(MAX)

(ACTION LEVEL)

REPORT PERIOD BEGINNING

1980

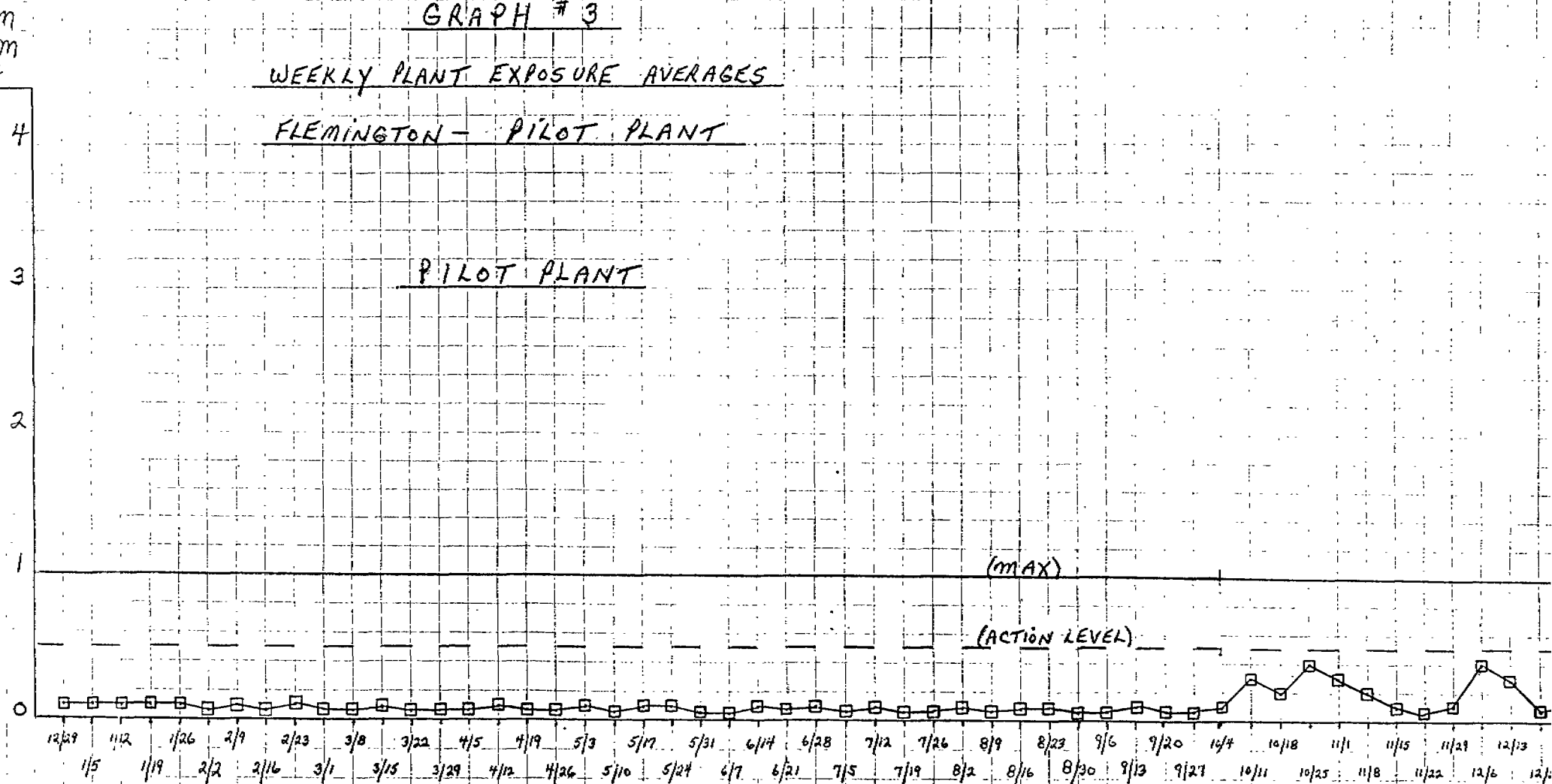
P.D.R. 1/80

GRAPH # 3

WEEKLY PLANT EXPOSURE AVERAGES

FLEMINGTON - PILOT PLANT

PILOT PLANT



REPORT PERIOD BEGINNING 1980

P.D.R. 1/80