

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

TO J. T. Sweeney AT Flemington
FROM R. B. Robertson AT Flemington
SUBJECT VCM Control Report
Period: July 26, 1980 to August 1, 1980

DATE August 14, 1980

COPY TO P. Benn
W. R. Fogelsanger
D. M. Hershkowitz
F. W. Kanzler
F. S. Klopp
R. A. Lojewski
S. P. Robbins*
M. K. Rosen
G. I. Rozand
D. I. Scofield
J. T. Sweeney
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	0.2	0.9	0
Recovery Comp. Room	0.7	4.2	0
General Area	0.1	0.1	0
Pilot Plant	< 0.1	0.07	0
Parshall Flume	< 0.1	0.6	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

011433

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

TO R. B. Robertson AT Flemington
FROM P. D. Ruane AT Flemington
SUBJECT VCM Control Report
Period: July 26, 1980 to August 1, 1980

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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 July 26, 1980 to August 1, 1980.

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

PDR:ms

011434

TABLE I

Area Monitoring System - Flemington

Weekly Summary

Period: 7/26/80 to 8/1/80

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	0.2	4,368	38	0.9	30	0.7	6	0.1	0	0
Recovery Comp. Room	0.7	672	28	4.2	19	2.8	3	0.4	0	0
General Area	0.1	3,360	4	0.1	3	0.09	0	0	0	0
Pilot Plant	< 0.1	2,688	2	0.07	1	0.04	0	0	0	0
Parshall Flume	< 0.1	336	2	0.6	2	0.6	0	0	0	0

011435

FLUORINATION TIME-WEIGHTED EXPOSURE AVERAGES
CALCULATED FROM BENDIX MONITORING DATA

07/26/80 TO 09/01/80

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	.1
RELIEF FOREMAN WD AIR	.2
REACTOR OPER-CHRG W AIR	.1
REACTOR OPER-CHRG WD AIR	.2
REACTOR OPER-DUMP6 W AIR	.1
REACTOR OPER-DUMP6 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	.1
WAREHOUSE SUPERVISOR	.1
WAREHOUSEMAN-BAGGER	.1
RELIEF OPER W AIR	.1
RELIEF OPER WD AIR	.1

GENERAL AREA

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

PILOT PLANT

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

Paul J. Ruane

011436

%

GRAPH 1

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

REACTOR BUILDING

011437

40

30

20

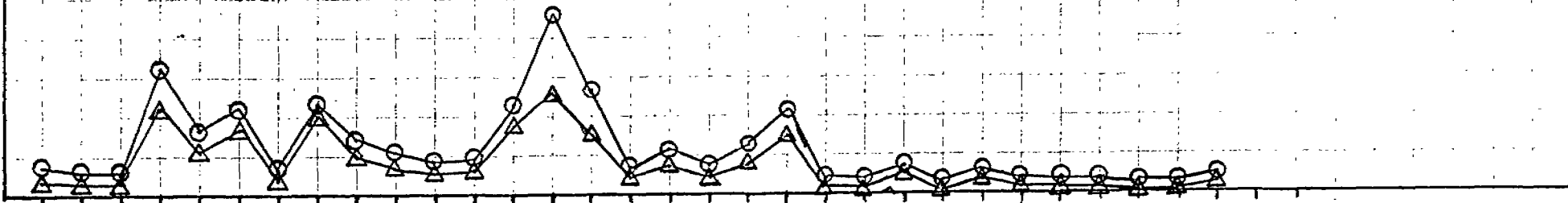
10

0

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
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

REPORT PERIOD BEGINNING
1980

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



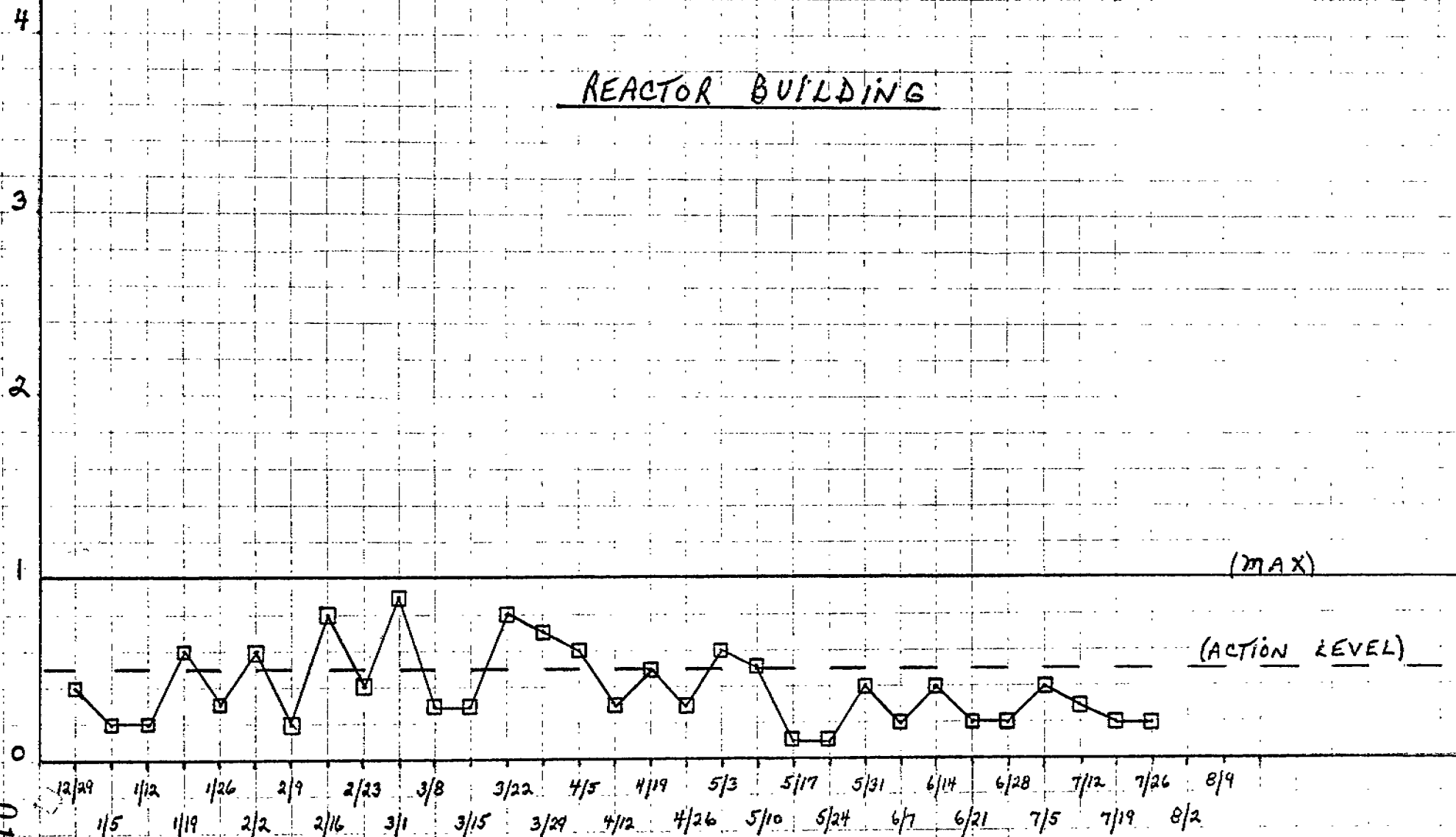
ppm
vcm
 $\bar{x}$

GRAPH 2

WEEKLY PLANT EXPOSURE AVERAGES FLEMINGTON PLANT

REACTOR BUILDING

011438



REPORT PERIOD, BEGINNING

1980

P.D.R. 1/6

ppm
VCM
X

GRAPH # 3

WEEKLY PLANT EXPOSURE AVERAGES

FLEMINGTON - PILOT PLANT

PILOT PLANT

(MAX)

(ACTION LEVEL)

011439

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

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

REPORT PERIOD, BEGINNING

1980

P.D.R. 1/80