

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

To J. T. Sweeney

AT Flemington

DATE June 10, 1980

FROM R. B. Robertson

At Flemington

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
D. I. Scofield
M. E. Wagshul

SUBJECT VCM Control Report for the
Period: 5/10/80 to 5/16/80

*Table II Only

<u>Area</u>	<u>VCM Average Level</u>	<u>% > 1 ppm</u>	<u>Number > 100 ppm</u>
Reactor Building	0.5	4.2	3
Recovery Comp. Room	0.7	6.2	0
General Area	<0.1	0.1	0
Pilot Plant	<0.1	0.1	0
Parshall Flume	0	0.2	0

The Reactor Building remained at a low 0.5 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

011516

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

TO R. B. Robertson
FROM P. D. Ruane
SUBJECT VCM Control for the
Period: 5/10/80 to 5/16/80

AT Flemington
AT Flemington

DATE June 20, 1980

COPY TO W. R. Fogelsanger
D. M. Hershkowitz
F. W. Kanzler
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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 May 10, 1980 to May 16, 1980.

Paul D. Ruane
P. D. Ruane

PDR:ms

011517

TABLE I

Flemington Area Monitoring SystemWeekly Summary

Period: 5/10/80 to 5/16/80

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	0.5	7,982	337	4.2	243	3.0	24	0.3	3	0.04
Recovery Comp. Room	0.7	1,228	76	6.2	66	5.4	0	0	0	0
General Area	< 0.1	6,140	7	0.1	4	0.07	0	0	0	0
Pilot Plant	< 0.1	4,912	5	0.1	0	0	0	0	0	0
Parshall Flume	0	614	1	0.2	0	0	0	0	0	0

Paul D. Ruane

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FLEMINGTON TIME-WEIGHTED EXPOSURE AVERAGES
CALCULATED FROM BENDIX MONITORING DATA

05/10/80 TO 05/16/80

TABLE II

JOB CLASSIFICATION

TWA

RESIN PLANT

POLYFORMAN W AIR	.3
POLYFORMAN WO AIR	.4
SHIFT FORMAN W AIR	.2
SHIFT FORMAN WO AIR	.3
RELIEF FOREMAN W AIR	.2
RELIEF FOREMAN WO AIR	.3
REACTOR OPER-CHRG W AIR	.3
REACTOR OPER-CHRG WO AIR	.4
REACTOR OPER-DUMPG W AIR	.3
REACTOR OPER-DUMPG WO AIR	.8
REACTOR OPER-RELIEF W AIR	.3
REACTOR OPER-RELIEF WO AIR	.7
UTILITY OPER W AIR	.2
UTILITY OPER WO AIR	1.4
DRYER OPER	.0
WAREHOUSE SUPERVISOR	.1
WAREHOUSEMAN-BAGGER	.1
RELIEF OPER W AIR	.0
RELIEF OPER WO AIR	.0

GENERAL AREA

MAINTENANCE FORMAN	.1
MECHANIC SHIFT	.3
MECHANIC DAY	.3
BOILER OPER	.1
MAINTENANCE CLECK	.1
EFFLUENT MAN W AIR	.2
EFFLUENT MAN WO AIR	.2
QC TECHNICIAN	.0
QC SUPERVISOR	.0

PILOT PLANT

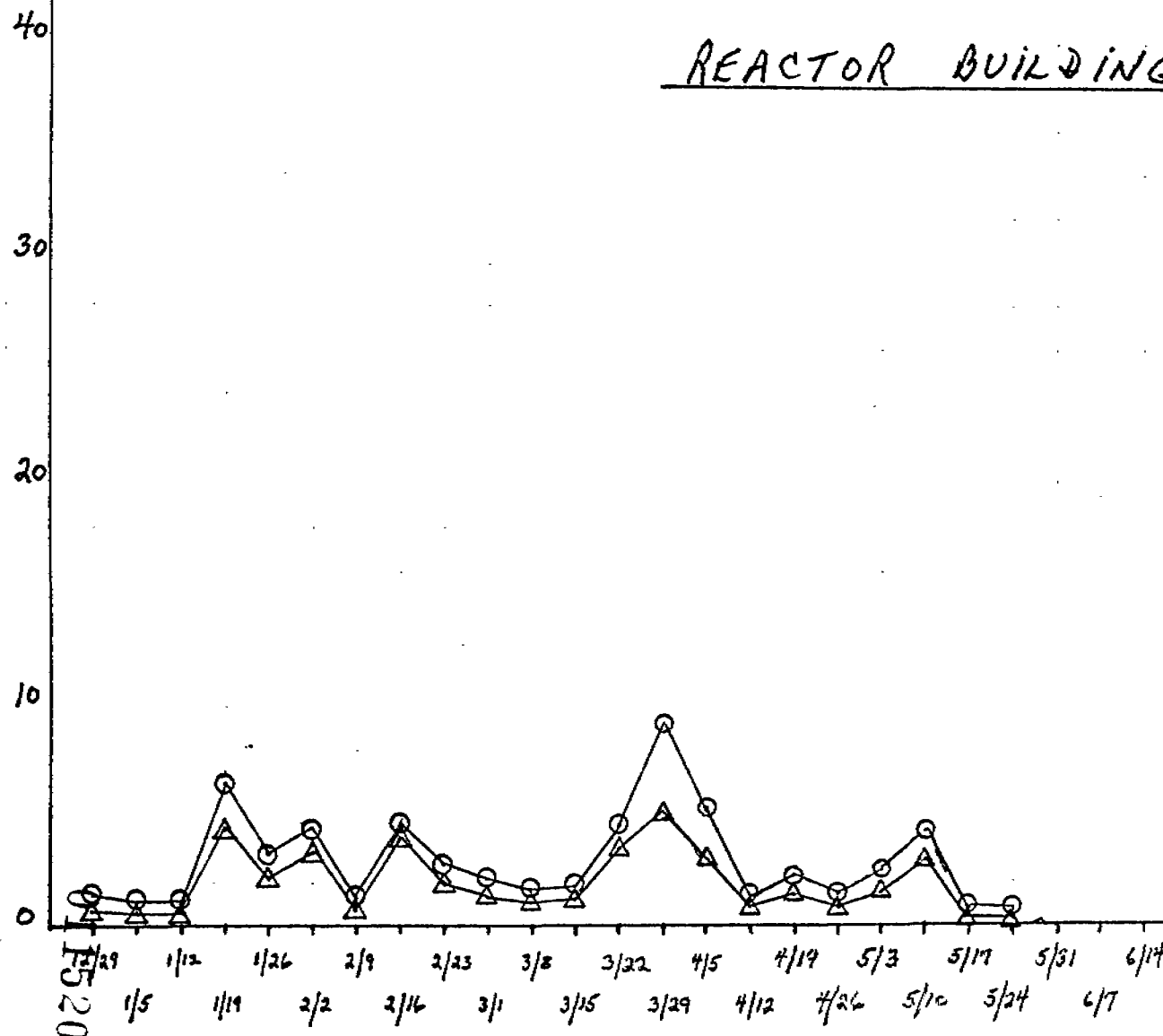
GROUP LEADER	.3
ENGINEER	.2
TECHNOLOGIST	.1
TECHNICIAN W AIR	.0
TECHNICIAN WO AIR	.1
MAINT TECHNICIAN	.0

Paul J. Ruane

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

REACTOR BUILDING



REPORT PERIOD, BEGINNING

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

pm
cm
X

GRAPH #●

WEEKLY PLANT EXPOSURE AVERAGES
FLEMINGTON PLANT

REACTOR BUILDING

4

3

2

1

0

(MAX)

(ACTION LEVEL)

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 4/19 4/26 5/3 5/10 5/17 5/24 5/31 6/7

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REPORT PERIOD BEGINNING

1980

PAR 1/Rn

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 4/19 5/3 5/17 5/31 6/14
1/5 1/19 2/2 2/16 3/1 3/15 3/29 4/12 4/26 5/10 5/24 6/7

REPORT PERIOD, BEGINNING 1980

P.D.R. 1/80

011500