

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

To J. T. Sweeney

At Flemington

DATE June 1, 1981

FROM R. B. Robertson

At Flemington

COPY TO P. Benn

SUBJECT VCM Control Report

Period: April 11, 1981 - April 17, 1981

R. A. Donovan
 W. R. Fogelsanger
 F. W. Kanzler
 R. A. Lojewski
 W. Miringoff
 S. P. Robbins*
 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	0.2	0.4	0
Recovery Comp. Room	0.5	1.7	1
General Area	< 0.1	0.1	0
Pilot Plant	0.2	0.4	0
Parshall Flume	< 0.1	0.5	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

RBR/jmk

012622

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

To R. B. Robertson

At Flemington

DATE June 1, 1981

FROM P. D. Ruane

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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 April 11, 1981 to April 17, 1981.

P. D. Ruane/jmk

P. D. Ruane

PDR/jmk

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TABLE I
AREA MONITORING SYSTEM - FLEMINGTON

Weekly Summary

Period: April 11, 1981 - April 17, 1981

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	0.2	10,260	37	0.4	20	0.2	2	0.02	0	0
Recovery Comp. Room	0.5	1,140	19	1.7	15	1.3	5	0.4	1	0.09
General Area	< 0.1	5,700	6	0.1	5	0.09	0	0	0	0
Pilot Plant	0.2	5,130	19	0.4	9	0.2	1	0.02	0	0
1. hall Flume	< 0.1	570	3	0.5	1	0.2	0	0	0	0

P. D. Ruane/jmk
P. D. Ruane

PDR/jmk

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FLEMINGTON TIME-WEIGHTED EXPOSURE AVERAGES
CALCULATED FROM BENDIX MONITORING DATA

04/11/81 TO 04/17/81

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-DUMP6 W AIR	.1
REACTOR OPER-DUMP6 WD AIR	.4
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	.0
QC SUPERVISOR	.0

PILOT PLANT

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

Paul D. Ruane

012625

%

GRAPH #1

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

REACTOR BUILDING

40

30

20

10

0

12626

022 1/21

1/3 1/17 1/31 2/14 2/28 3/14 3/28 4/11 4/25 5/9
 1/10 1/24 2/7 2/21 3/7 3/21 4/4 4/18 5/2 5/16

REPORT PERIOD BEGINNING
 1981

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

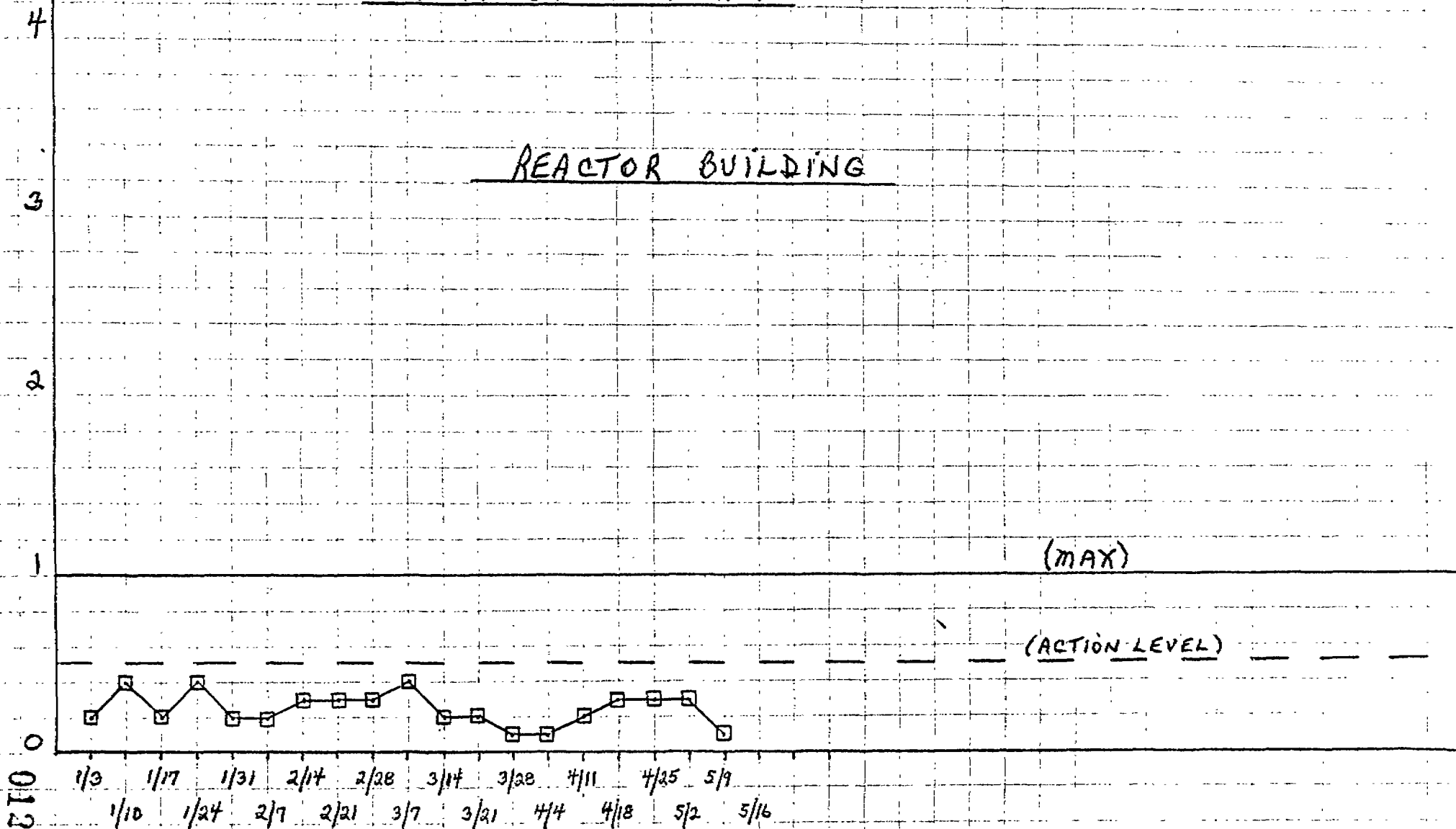
PPM
VCM
AVG.

GRAPH # 2

WEEKLY PLANT EXPOSURE AVERAGES FLEMINGTON PLANT

REACTOR BUILDING

012627



P.D.R. 1/81

REPORT PERIOD, BEGINNING 1981

PPM
VCM
AVE.

GRAPH # 3

WEEKLY PLANT EXPOSURE AVERAGES

FLEMINGTON - PILOT PLANT

PILOT PLANT

4

3

2

1

(MAX)

(ACTION LEVEL)

0
012628

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