

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

TO	J. T. Sweeney	AT	Flemington	DATE	June 20, 1978
FROM	W. D. Bord	AT	Flemington	COPY TO	C. N. Brown*
SUBJECT	VCM Control Report for the Period 6/3/78 to 6/9/78				W. R. Fogelsanger D. M. Hershkowitz F. W. Kanzler F. S. Klopp R. A. Lojewski S. P. Robbins* P. D. Ruane M. K. Rosen G. F. Rothenbeck G. I. Rozand M. E. Wagshul R. J. Young

*Table III Only

	<u>VCM Average Level</u>	<u>% > 1 ppm</u>	<u>Number > 100 ppm</u>
Reactor Building	0.4	8.6	2
Recovery Comp. Room	1.4	31.8	0
General Area	0.4	2.8	4
Pilot Plant	0.3	5.4	0
Parshall Flume	1.4	38.7	0

The Reactor Building remained at a low level of 0.4 ppm.

The excursions greater than 100 ppm in the Weigh Scale Area were caused by a leaking charge valve on the weigh tank. Maintenance has corrected this problem. Excursions greater than 100 ppm in the West Lab was caused by the exhaust blower being shut off while VCM sample containers were being stored. Technicians have been instructed to leave the exhaust blower on during this operation.

Bendix TWA Analysis: All classifications were below 1.0 ppm except for the vessel cleaners and they were protected by the use of breathing air.

W. D. Bord

WDB:ms

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

TO W. D. Bord At Flemington

FROM P. D. Ruane At Flemington

SUBJECT VQM Control Report
for the period 6/3/78 to 6/9/78

DATE **June 20, 1978**

COPY TO

C. N. Brown*
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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 June 3, 1978 to June 9, 1978.

Paul D. Ruane
P. D. Ruane

PDR:ms

TABLE I

FLEMINGTON AREA MONITORING SYSTEM

Weekly Summary

Period: 6/3/78 to 6/9/78

Number of Readings & Percentages

<u>Area</u>	<u>Average PPM,VCM</u>	<u>Total Samples</u>	<u>1</u>		<u>5</u>		<u>25</u>		<u>100</u>	
			<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>
Reactor Building	0.4	7675	659	8.6	100	1.3	9	0.1	2	0.03
Recovery Comp. Room	1.4	1342	427	31.8	74	5.5	4	0.3	0	0
General Area	0.4	6710	189	2.8	84	1.3	21	0.3	4	0.1
Pilot Plant	0.3	5360	292	5.4	51	1.0	3	0.1	0	0
Parshall Flume	1.4	~ 670	260	38.7	43	6.4	1	0.1	0	0

Paul D. Ruane

P. D. Ruane

TABLE II

AREA MONITORING SYSTEM - FLEMINGTON

Excursions 100 ppm VCM

<u>Location</u>	<u>Date</u>	<u>Time</u>	<u>Area</u>	<u>Excursions</u>
Reactor Bldg.	6/7/78	1833	Weigh Tank Chip Basket Area	1
General Area	6/8/78	1650	Quality Control Lab, West	1
Reactor Bldg.	6/9/78	0749	Weigh Tank Chip Basket Area	1
General Area	6/9/78	2119	Tank Car Unloading Platform	1
General Area	6/9/78	2134	Tank Car Unloading Platform	1
General Area	6/9/78	2304	Tank Car Unloading Platform	1

Paul D. Ruane
P. D. Ruane

ELSMINGTON TIME-WEIGHTED ENCLOSURE AVERAGES
CALCULATED FROM BENDIX MONITORING DATA

06/03/78 TO 06/09/78

JOE CLASSIFICATION

TVA

TABLE III

PESIN PLANT

POLYFORMAN W AIR	.2
POLYFORMAN WC AIR	.3
SHIFT FORMAN W AIR	.2
SHIFT FORMAN WC AIR	.3
REACTOR OPER-CHRG W AIR	.2
REACTOR OPER-CHRG WC AIR	.2
REACTOR OPER-DUMPG W AIR	.2
REACTOR OPER-DUMPG WC AIR	.6
REACTOR OPER-RELIEF W AIR	.2
REACTOR OPER-RELIEF WC AIR	.7
UTILITY OPER W AIR	.2
UTILITY OPER WC AIR	1.6
DRYER OPER	.0
WAREHOUSE SUPERVISOR	.1
WAREHOUSEMAN-PACGER	.1
RELIEF OPER	.0

GENERAL AREA

MAINTENANCE FORMAN	.1
MECHANIC SHIFT	.4
MECHANIC DAY	.3
BOILED OPER	.1
MAINTENANCE STOCKKEEPER	.2
MAINTENANCE CLECK	.1
EFFLUENT MAN W AIR	.2
EFFLUENT MAN WC AIR	.3
QC TECHNICIAN	.2

PILOT PLANT

GROUP LEADER	.3
ENGINEER	.3
TECHNOLOGIST	.2
TECHNICIAN W AIR	.2
TECHNICIAN WC AIR	.2
MAINT TECHNICIAN	.2

Paul D. Ruane
06/19/78

%

GRAPH
FLEMINGTON BENDIX MONITORING SYSTEM
PERCENT OF READINGS ABOVE 1ppm AND 5ppm VCM

REACTOR BUILDING

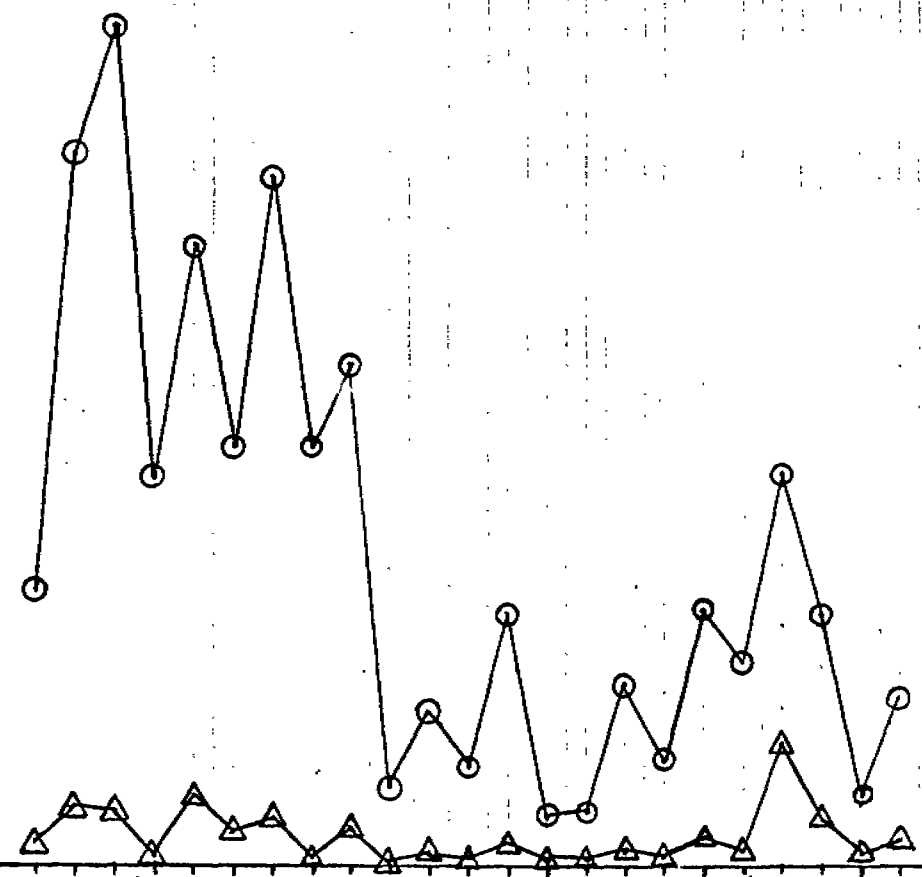
60.
55.
50.
45.
40.
35.
30.
25.
20.
15.
10.
5.

12/31 1/14 1/28 2/11 2/25 3/11 3/25 4/8 4/22 5/6 5/20 6/3 6/17 7/1 7/15 7/29 8/12 8/26 9/9 9/23 10/7 10/21 11/4 11/18 12/2 12/16
 1/07 1/21 2/4 2/18 3/4 3/18 4/1 4/15 4/29 5/13 5/27 6/10 6/24 7/8 7/22 8/5 8/19 9/2 9/16 9/30 10/14 10/28 11/11 11/25 12/9

FEN 4604

REPORT PERIOD BEGINNING

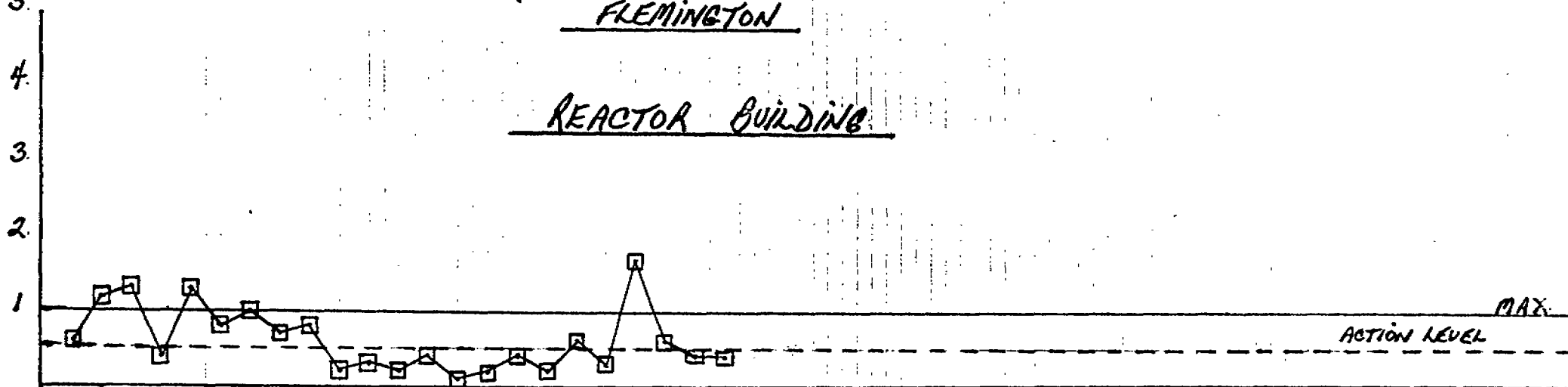
O = PERCENT ABOVE 1 ppm
 A = PERCENT ABOVE 5 ppm



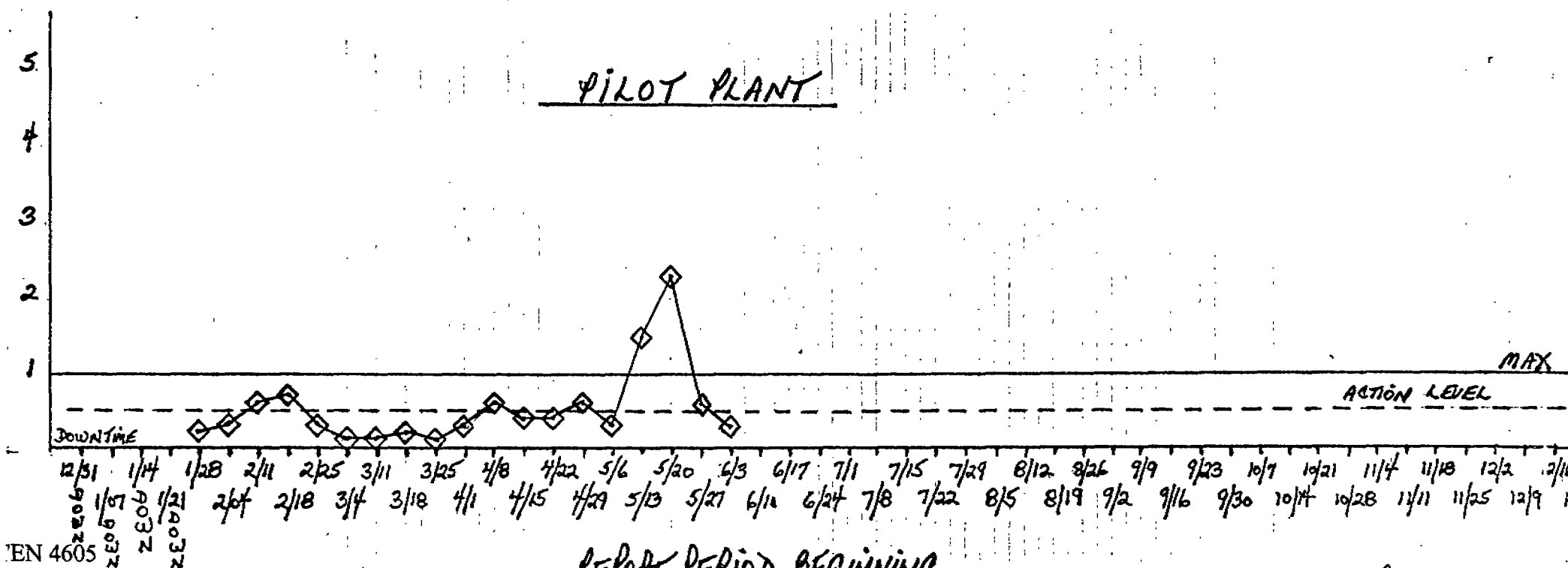
X
pm
1cm
5

GRAPH #
WEEKLY PLANT EXPOSURE AVERAGES
FLEMINGTON

REACTOR BUILDING



PILOT PLANT



REPORT PERIOD, BEGINNING

Dr. P. H. H. H.