

INTER-OFFICE MEMO

TENNECO CHEMICALS, INC.

To J. T. Sweeney

AT Flemington

DATE August 30, 1978

FROM W. D. Bord

AT Flemington

COPY TO C. N. Brown*

SUBJECT VCM Control for the period 8/5/78 to 8/11/78

W. R. Fogelsanger
D. M. Hershkowitz
F. W. Kanzler
F. S. Klopp
R. A. Lojewski
S. P. Robbins*
P. D. Ruane
M. K. Rosen
C. F. Rothenbeck
G. I. Rozand
M. E. Wagshul

*Table III Only

<u>Area</u>	<u>VCM Average Level</u>	<u>% > 1 ppm</u>	<u>Number > 100 ppm</u>
Reactor Building	1.2	4.8	0
Recovery Comp. Room	7.9	61.0	17
General Area	0.3	0.8	0
Pilot Plant	0.1	2.3	0
Parshall Flume	0.7	40.7	0

Several small leaks were detected and corrected during the Plant start-up. These small leaks were the primary cause of the high 1.2 ppm average in the Reactor Building.

A pipe flange leak on #2 separator was the cause of the excursion greater than 100 ppm in the Recovery Room.

Bendix TWA Analysis: The computed TWA values for the poly foremen, shift foremen, reactor operators, and utility operators were above 1 ppm average. They were protected by the use of breathing air.

W. D. Bord
W. D. Bord

WDB:ms

008396

TO W. D. Bord
FROM P. D. Ruane
SUBJECT VCM Control Report
for the period August 5, 1978 to August 11, 1978

AT Flemington
AT Flemington

DATE August 30, 1978

COPY TO C. N. Brown*
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*Table III Only

Attached is a summary of the Flemington Plant VCM levels as determined by the Computerized Area Monitoring System for the week of August 5, 1978 to August 11, 1978.

Paul D. Ruane
P. D. Ruane

PDR:ms

008397

TABLE I

FLEMINGTON AREA MONITORING SYSTEM

Weekly Summary

Period: 8-5/8-11-78

<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>%</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	1.2	3662	175	4.8	53	1.4	3	0.1	0	0
Recovery Comp. Room	7.9	492	300	61.0	185	37.6	79	16.1	17	3.5
General Area	0.3	1640	13	0.8	1	0.1	0	0	0	0
Pilot Plant	0.1	2696	63	2.3	35	1.3	6	0.2	0	0
Parshall Flume	0.7	337	137	40.7	7	2.1	1	0.3	0	0

Paul D. Ruane

P. D. Ruane

PDR:ms

008398

TABLE II

AREA MONITORING SYSTEM - FLEMINGTON

Excursions 100 ppm VCM

Period: 8-5/8-11-78

<u>Location</u>	<u>Date</u>	<u>Time</u>	<u>Area</u>	<u>Excursions</u>
Recovery Room	8/8/78	2026	#1 Recovery System	1
Recovery Room	8/8/78	2028	#2 Recovery System	1
Recovery Room	8/8/78	2041	#1 Recovery System	1
Recovery Room	8/9/78	1341	#1 Recovery System	1
Recovery Room	8/9/78	1342	#2 Recovery System	1
Recovery Room	8/9/78	1441	#1 Recovery System	1
Recovery Room	8/9/78	1442	#2 Recovery System	1
Recovery Room	8/9/78	1556	#1 Recovery System	1
Recovery Room	8/9/78	1841	#1 Recovery System	1
Recovery Room	8/9/78	1842	#2 Recovery System	1
Recovery Room	8/9/78	2027	#2 Recovery System	1
Recovery Room	8/9/78	2127	#2 Recovery System	1
Recovery Room	8/9/78	2242	#2 Recovery System	1
Recovery Room	8/10/78	0627	#2 Recovery System	1
Recovery Room	8/11/78	2157	#2 Recovery System	1
Recovery Room	8/11/78	2211	#1 Recovery System	1
Recovery Room	8/11/78	2212	#2 Recovery System	1

P. D. Ruane

P. D. Ruane

PDR:ms

008399

FLEMINGTON TIME-WEIGHTED EXPOSURE AVERAGES
CALCULATED FROM REPLY MONITORING DATA

08/05/78 TO 08/11/78

JOB CLASSIFICATION

TWA

TABLE III

PESIN PLANT

POLYFORMAN W AIR	.7
POLYFORMAN WC AIR	2.1
SHIFT FORMAN W AIR	.4
SHIFT FORMAN WC AIR	1.3
REACTOR OPER-CHRG W AIR	1.1
REACTOR OPER-CHRG WC AIR	1.1
REACTOR OPER-DUMPG W AIR	.7
REACTOR OPER-DUMPG WC AIR	1.6
REACTOR OPER-RELIEF W AIR	.7
REACTOR OPER-RELIEF WC AIR	1.6
UTILITY OPER W AIR	.4
UTILITY OPER WC AIR	2.0
DRYER OPER	.0
WAREHOUSE SUPERVISOR	.1
WAREHOUSEMAN-BAGGER	.1
RELIEF OPER	.0

GENERAL AREA

MAINTENANCE FORMAN	.1
MECHANIC SHIFT	2.3
MECHANIC DAY	1.0
BOILER OPER	.1
MAINTENANCE CLERK	.1
EFFLUENT MAN W AIR	.2
EFFLUENT MAN WC AIR	.3
QC TECHNICIAN	.1

PILGT PLANT

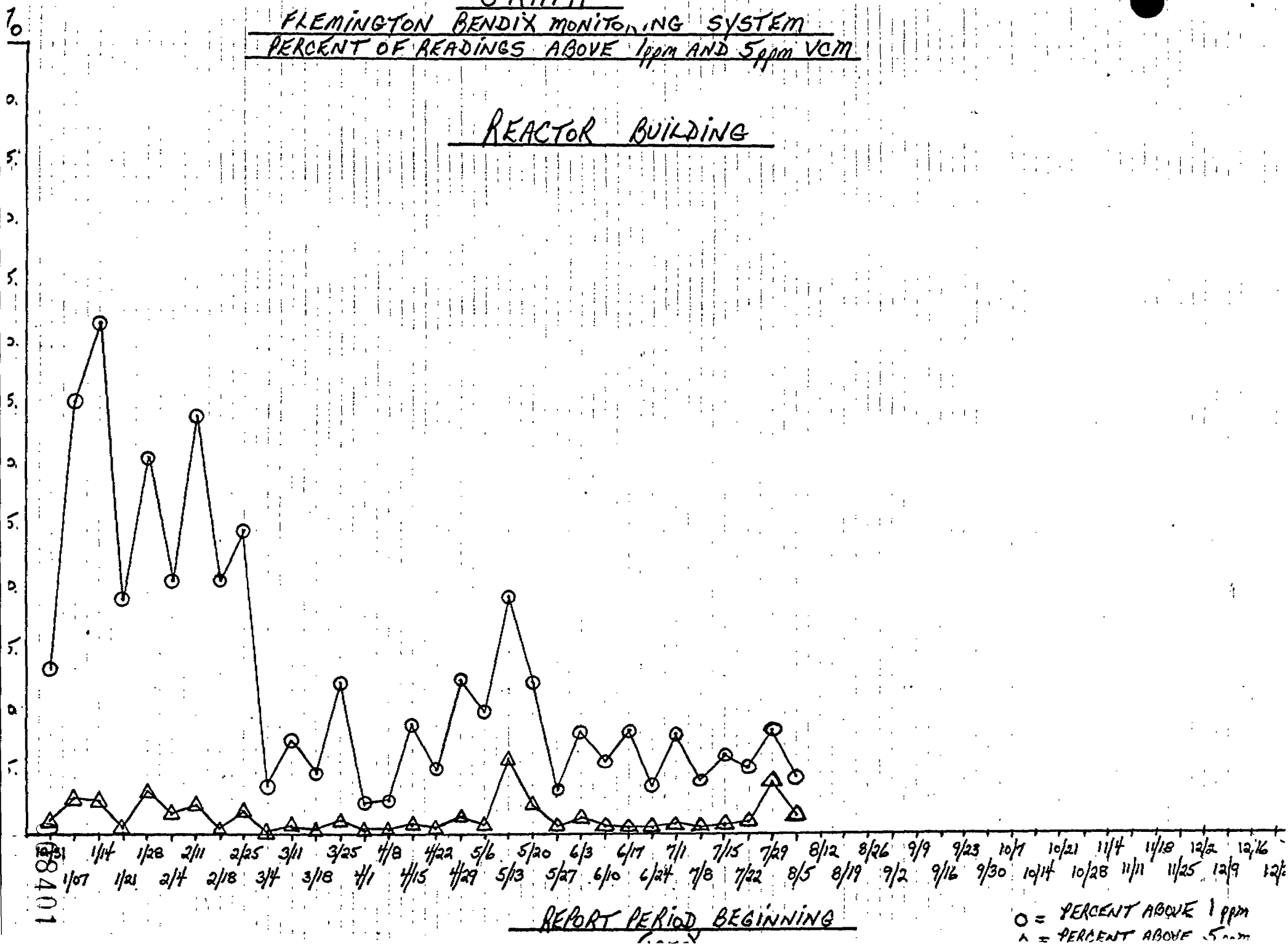
GROUP LEADER	.3
ENGINEER	.3
TECHNOLOGIST	.2
TECHNICIAN W AIR	.2
TECHNICIAN WC AIR	.2
MAINT TECHNICIAN	.2

Paul D. Raane
8/22/78

008400

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

REACTOR BUILDING

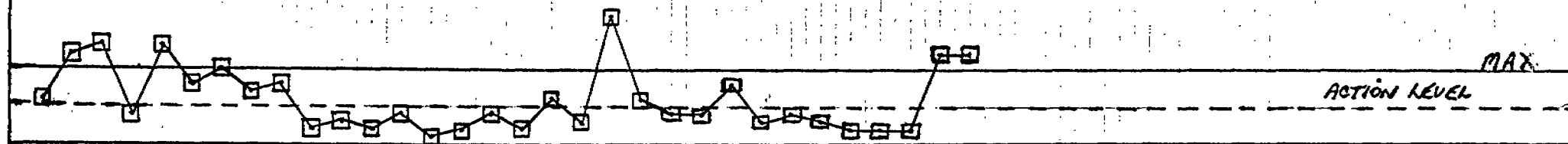


REPORT PERIOD BEGINNING

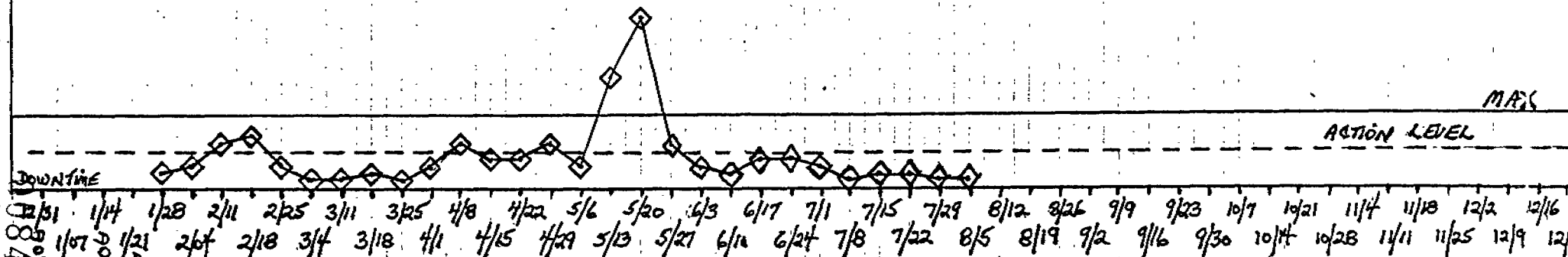
2
cm
5.
4.
3.
2.
1.

GRAPH #6
WEEKLY PLANT EXPOSURE AVERAGES
FLEMINGTON

REACTOR BUILDING



PILOT PLANT



REPORT PERIOD, BEGINNING

Dr. PHANE ILO