

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

To J. T. Sweeney

At Flemington

DATE December 5, 1978

FROM W. D. Bord

At Flemington

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

SUBJECT VCM Control Report for the
Period of 10/7/78 to 10/13/78

*Table II Only

<u>Area</u>	<u>VCM Average Level</u>	<u>% >1 ppm</u>	<u>Number >100 ppm</u>
Reactor Building	0.4	8.6	1
Recovery Comp. Room	3.5	71.9	0
General Area	0.3	1.2	2
Pilot Plant	<0.1	0.5	0
Parshall Flume	0.4	13.0	0

The Reactor Building average remained low, 0.4 for this report period. Good maintenance work and a continuing leak detection program were the primary reasons for the low average.

Seal leaks on the recovery compressor systems were the cause of the high average in the recovery compressor room.

The General Area had 2 excursions greater than 100 ppm, which were caused by a leak at the VCM unloading station. Maintenance has since corrected the problem.

Bendix TWA Analysis: The computed TWA values for the Utility Operators were above 1.0 ppm. This classification is protected by the use of breathing air.

W.D. Bord (SR)
W. D. Bord

WDB:ms

008334

TO W. D. Bord
FROM P. D. Ruane
SUBJECT VCM Control Report for the
Period 10/7/78 to 10/13/78

AT Flemington
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DATE December 5, 1978

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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 October 7, 1978 to October 13, 1978.



P. D. Ruane

PDR:ms

008335

TABLE I

FLEMINGTON AREA MONITORING SYSTEM

Weekly Summary

PERIOD: 10/7/78 - 10/13/78

<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>N</u>	<u>> 5 %</u>	<u>N</u>	<u>> 25 %</u>	<u>N</u>	<u>> 100 %</u>
Reactor Building	0.4	8736	755	8.6	91	1.0	16	0.2	1	0.01
Recovery Comp. Room	3.5	1344	966	71.9	308	22.9	8	0.6	0	0
General Area	0.3	6720	80	1.2	19	0.3	3	0.04	2	0.03
Pilot Plant	<0.1	5376	38	0.7	2	0.04	0	0	0	0
Parshall Flume	0.4	670	41	6.2	10	1.5	0	0	0	0

Paul D. Ruane

P. D. Ruane

PDR:ms

008336

FLEMINGTON TIME-WEIGHTED EXPOSURE AVERAGES
CALCULATED FROM BENDING MONITORING DATA

10/07/78 TO 10/13/78

JOB CLASSIFICATION

TWA

TABLE II

RESID, PLANT

POLYFORMAN W AIR	.2
POLYFORMAN WC AIR	.6
SHIFT FORMAN W AIR	.2
SHIFT FORMAN WC AIR	.4
REACTOR OPER-CHRG W AIR	.4
REACTOR OPER-CHRG WC AIR	.4
REACTOR OPER-DUMPG W AIR	.2
REACTOR OPER-DUMPG WC AIR	.7
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-B	.1
RELIEF OPER	.0

GENERAL AREA

MAINTENANCE FORMAN	.1
MECHANIC SHIFT	.7
MECHANIC DAY	.4
BOILER OPER	.1
MAINTENANCE CLERK	.1
EFFLUENT MAN W AIR	.2
EFFLUENT MAN WC AIR	.2
QC TECHNICIAN	.1

PILOT PLANT

CPCUP LEADER	.3
ENGINEER	.2
TECHNOLOGIST	.1
TECHNICIAN W AIR	.1
TECHNICIAN WC AIR	.1
MAINT TECHNICIAN	.0

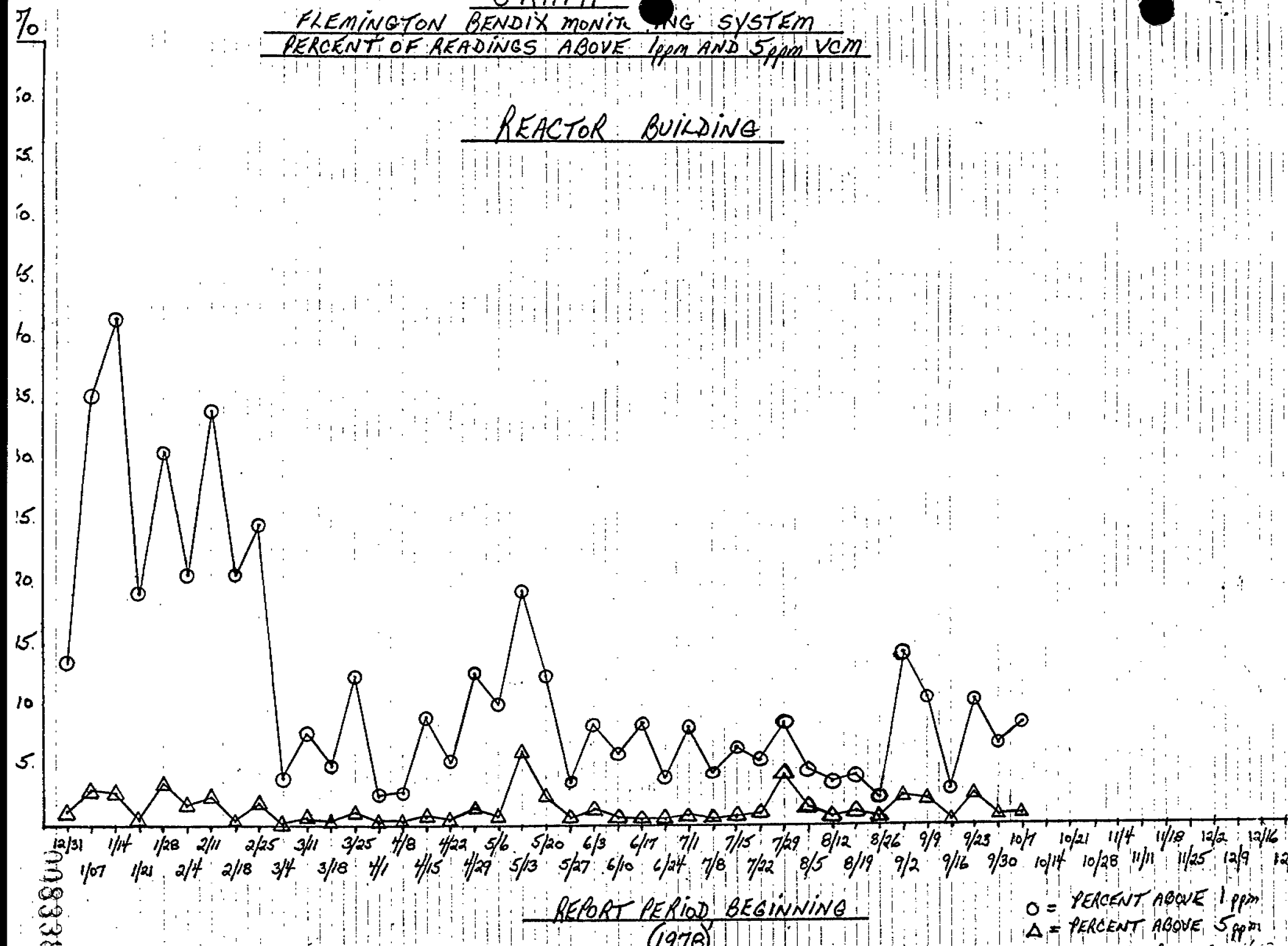
Paul D. Ruane

008337

GRAPH #1

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

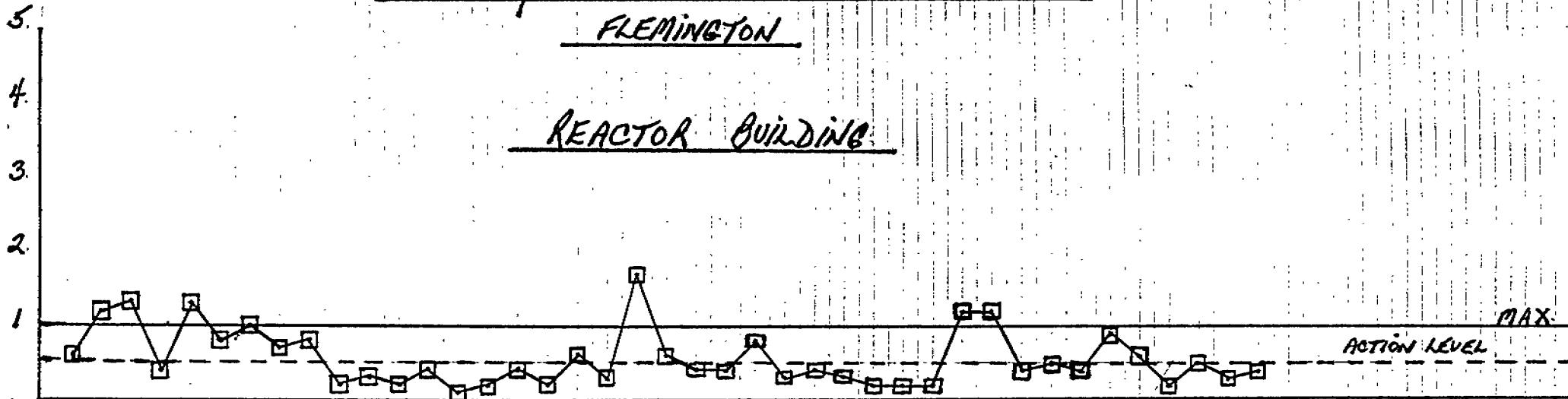
REACTOR BUILDING



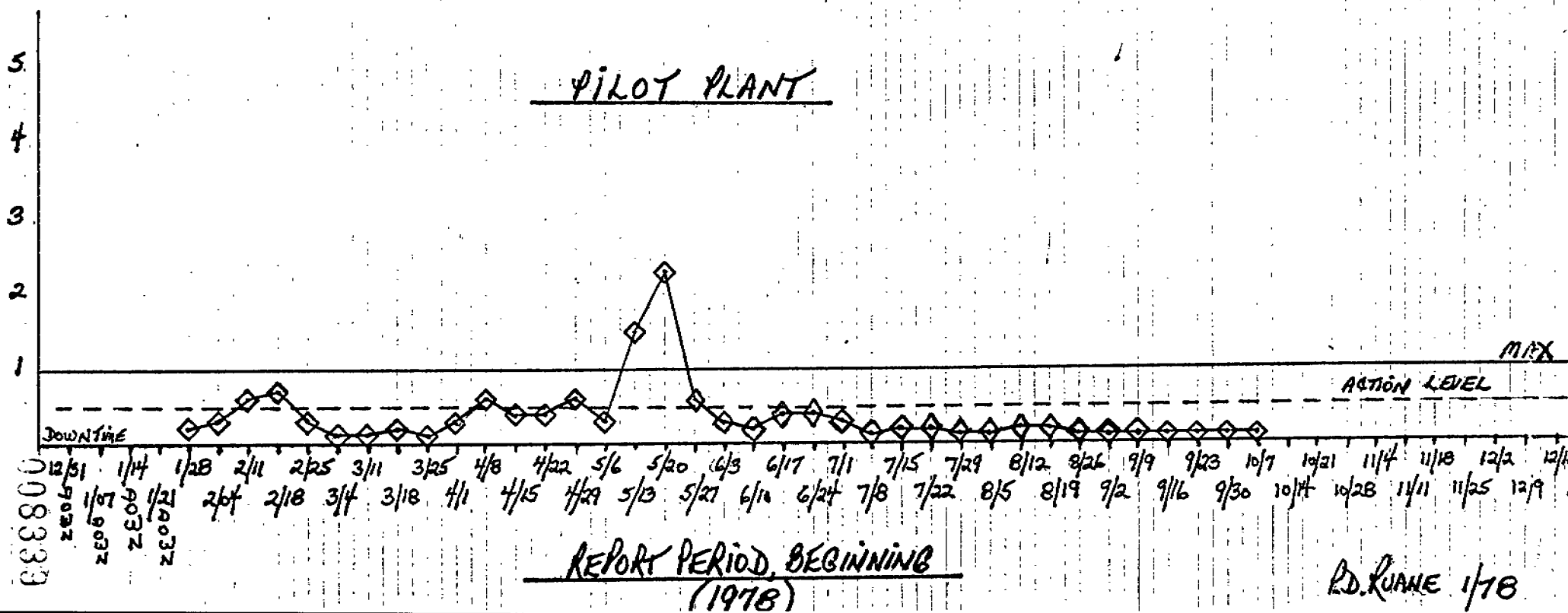
X
ppm
vcm

GRAPH* WEEKLY PLANT EXPOSURE AVERAGES FLEMINGTON

REACTOR BUILDING



PILOT PLANT



REPORT PERIOD BEGINNING
(1978)

R.D. RUANE 1/78