

INTER-OFFICE MEMO

At Flemington

DATE July 10, 1978

AT Flemington

COPY TO C. N. Brown*
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

SUBJECT VCM Control Report
for the Period 6/10/78 to 6/16/78

*Table III Only

	VCM Average <u>Level</u>	<u>% > 1 ppm</u>	<u>Number > 100 ppm</u>
Reactor Building	0.8	6.0	8
Recovery Comp. Room	1.0	27.4	0
General Area	0.3	1.8	4
Pilot Plant	0.2	4.1	0
Parshall Flume	0.4	16.5	0

There was a slight increase in the Reactor Building average caused by a pinhole leak on #4 Reactor spray nozzle. Maintenance has repaired the nozzle.

The above problem was also the reason for the readings greater than 100 ppm in the Reactor Building.

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

008454

TO W. D. Bord AT Flemington DATE July 10, 1978
FROM P. D. Ruane AT Flemington COPY TO C. N. Brown*
SUBJECT VCM Control Report W. R. Fogelsanger
for the Period June 10, 1978 to June 16, 1978 D. M. Hershkowitz
F. W. Kanzler
F. S. Klopp
R. A. Lojewski
S. P. Robbins*
M. K. Rosen
C. F. Rothenbeck
G. I. Rozand
J. T. Sweeney
M. E. Wagshul

*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 June 10, 1978 to June 16, 1978.

Paul D. Ruane

P. D. Ruane

TABLE I

FLEMINGTON AREA MONITORING SYSTEM

Weekly Summary

Period: 6/10 - 6/16/78

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	0.8	6692	404	6.0	34	0.5	9	0.1	8	0.1
Recovery Comp. Room	1.0	956	262	27.4	42	4.4	0	0	0	0
General Area	0.3	4780	84	1.8	51	1.1	15	0.3	4	0.08
Pilot Plant	0.2	3824	156	4.1	22	0.6	0	0	0	0
Parshall Flume	0.4	478	79	16.5	0	0	0	0	0	0

Paul D. Ruane

P. D. Ruane

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TABLE II

AREA MONITORING SYSTEM - FLEMINGTON

Excursions 100 ppm VCM

Period: 6/10 - 6/16/78

<u>Location</u>	<u>Date</u>	<u>Time</u>	<u>Area</u>	<u>Excursions</u>
Reactor Bldg.	6/10/78	2007	Weigh Tank Chip Basket Area	1
General Area	6/10/78	2008	Tank Car Unloading Platform	1
Reactor Bldg.	6/11/78	1843	Weigh Tank Chip Basket Area	1
Reactor Bldg.	6/11/78	1913	Weigh Tank Chip Basket Area	1
Reactor Bldg.	6/12/78	0924	Weigh Tank Chip Basket Area	1
Reactor Bldg.	6/12/78	1225	Weigh Tank Chip Basket Area	1
Reactor Bldg.	6/12/78	1455	Weigh Tank Chip Basket Area	1
Reactor Bldg.	6/12/78	1540	Weigh Tank Chip Basket Area	1
Reactor Bldg.	6/12/78	2140	Weigh Tank Chip Basket Area	1
General Area	6/16/78	1337	Tank Car Unloading Platform	1
General Area	6/16/78	1352	Tank Car Unloading Platform	1
General Area	6/16/78	1422	Tank Car Unloading Platform	1

Paul D. Ruane

P. D. Ruane

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FLEMINGTON TIME-WEIGHTED EXPOSURE AVERAGES
CALCULATED FROM BENDIX MONITORING DATA

06/10/78 TO 06/16/78

JCE CLASSIFICATION

TWA

RESID PLANT

TABLE III

COLLECTORMAN W AIR	.5
COLLECTORMAN WC AIR	.6
SHIFT FORMAN W AIR	.2
SHIFT FORMAN WC AIR	.4
REACTOR OPER-CHPC W AIR	.3
REACTOR OPER-CHPC WC AIR	.3
REACTOR OPER-DUMFG W AIR	.5
REACTOR OPER-DUMFG WC AIR	.9
REACTOR OPER-RELIEF W AIR	.5
REACTOR OPER-RELIEF WC AIR	.9
UTILITY OPER W AIR	.1
UTILITY OPER WC AIR	1.5
DRYER OPER	.0
WAREHOUSE SUPERVISOR	.1
WAREHOUSEMAN-BAGGER	.1
RELIEF OPER	.0

GENERAL AREA

MAINTENANCE FORMAN	.1
MECHANIC SHIFT	.5
MECHANIC DAY	.2
BOILER OPER	.1
MAINTENANCE STOREKEEPER	.2
MAINTENANCE CLERK	.1
EFFLUENT MAN W AIR	.2
EFFLUENT MAN WC AIR	.2
QC TECHNICIAN	.0

PILOT PLANT

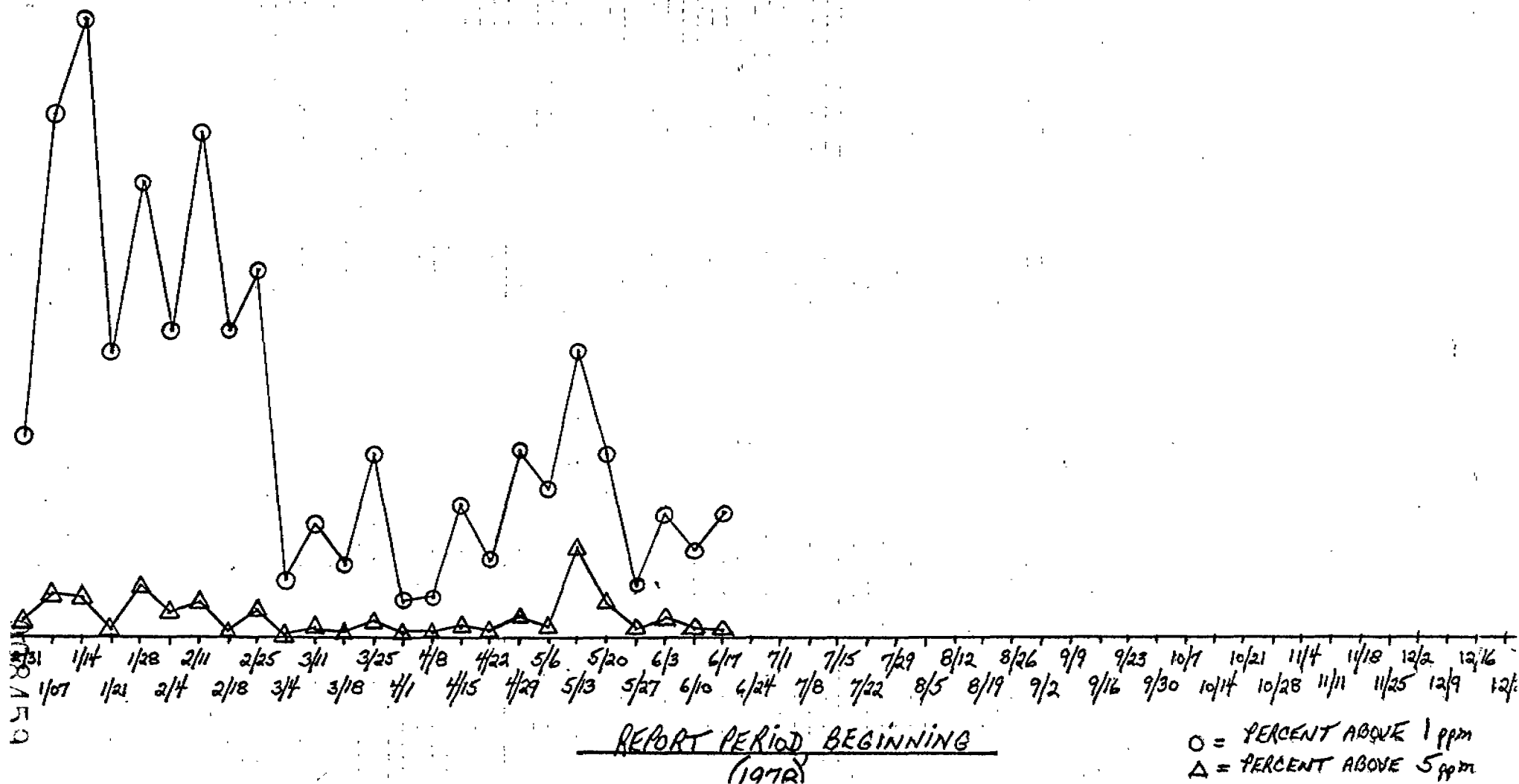
GROUP LEADER	.3
ENGINEER	.2
TECHNOLOGIST	.1
TECHNICIAN W AIR	.1
TECHNICIAN WC AIR	.2
MAINT TECHNICIAN	.1

Paul D. Ruane
06/21/78

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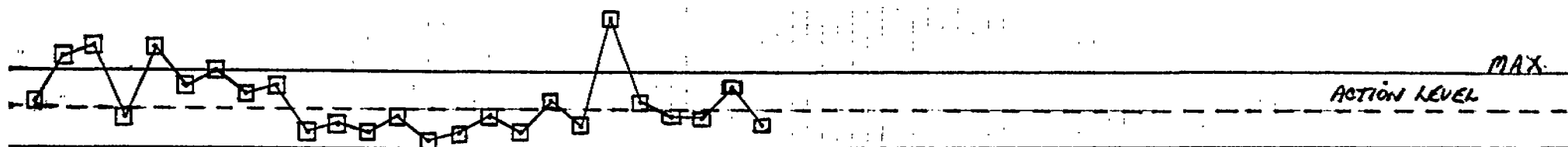
GRAPH #
FLEMINGTON BENDIX MONITORING SYSTEM
PERCENT OF READINGS ABOVE 1ppm AND 5ppm VCM

REACTOR BUILDING

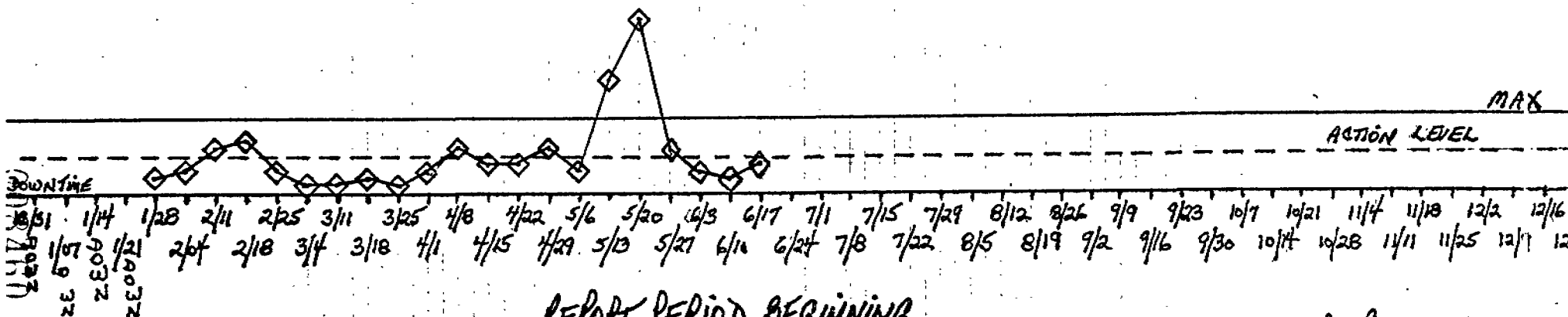


GRAPH #1 -
WEEKLY PLANT EXPOSURE AVERAGES
FLEMINGTON

REACTOR BUILDING



PILOT PLANT



REPORT PERIOD, BEGINNING
(1978)

R.D. RUANE 1/78