

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

To J. T. Sweeney
FROM R. B. Robertson
SUBJECT VCM Control Report
Period: 2/21/81 to 2/27/81

At Flemington
At Flemington

DATE March 9, 1981

COPY TO P. Benn
W. R. Fogelsanger
D. M. Hershkowitz
F. W. Kanzler
R. A. Lojewski
S. P. Robbins*
W. Miringoff
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	0.3	2.7	0
Recovery Comp. Room	0.5	9.5	0
General Area	< 0.1	0.07	0
Pilot Plant	0.2	0.8	3
Parshall Flume	0	0	0

The Reactor Building remained at a low 0.3 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:ms

012671

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FROM P. D. Ruane
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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 February 21, 1981 to February 27, 1981.

P. D. Ruane / Jmk
P. D. Ruane

PDR:ms

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TABLE I

AREA MONITORING SYSTEM - FLEMINGTONWeekly Summary

Period: 2/21/81 to 2/27/81

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	0.3	10,350	275	2.7	173	1.7	7	0.07	0	0
Recovery Comp. Room	0.5	1,150	109	9.5	46	4.0	12	1.0	0	0
General Area	<0.1	5,750	4	0.07	3	0.05	0	0	0	0
Pilot Plant	0.2	5,175	41	0.8	36	0.7	7	0.1	3	0.06
Parshall Flume	0	575	0	0	0	0	0	0	0	0

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RESIN PLANT TWA CALCULATED FROM BENDIX MONITORING DATA

02/21/81 TO 02/27/81

JOB CLASSIFICATION

TWA

TABLE II

RESIN PLANT

POLYFORMAN W AIR	.2
POLYFORMAN WD AIR	.2
SHIFT FORMAN W AIR	.1
SHIFT FORMAN WD AIR	.2
RELIEF FOREMAN W AIR	0.0
RELIEF FOREMAN WD AIR	0.0
REACTOR OPER-CHRG W AIR	.2
REACTOR OPER-CHRG WD AIR	.2
REACTOR OPER-DUMPG W AIR	.1
REACTOR OPER-DUMPG WD AIR	.6
REACTOR OPER-RELIEF W AIR	.2
REACTOR OPER-RELIEF WD AIR	.6
UTILITY OPER W AIR	.2
UTILITY OPER WD AIR	1.4
DRYER OPER	.0
WAREHOUSE SUPERVISOR	.1
WAREHOUSEMAN-BAGGER	.1
RELIEF OPER W AIR	0.0
RELIEF OPER WD AIR	0.0

GENERAL AREA

MAINTENANCE FORMAN	.1
MECHANIC SHIFT	.2
MECHANIC DAY	.2
BOILER OPER	.0
MAINTENANCE CLERK	.1
EFFLUENT MAN W AIR	.2
EFFLUENT MAN WD AIR	.2
QC TECHNICIAN	.1
QC SUPERVISOR	.1

PILOT PLANT

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

012674

%

GRAPH #1

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

012675

REACTOR BUILDING

40

30

20

10

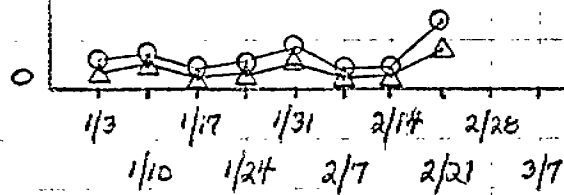
0

1/3 1/10 1/17 1/24 1/31 2/7 2/14 2/21 2/28 3/7

REPORT PERIOD, BEGINNING
 1961

O = PERCENT ABOVE 1ppm
 Δ = PERCENT ABOVE 5ppm

P.D.R. 1151



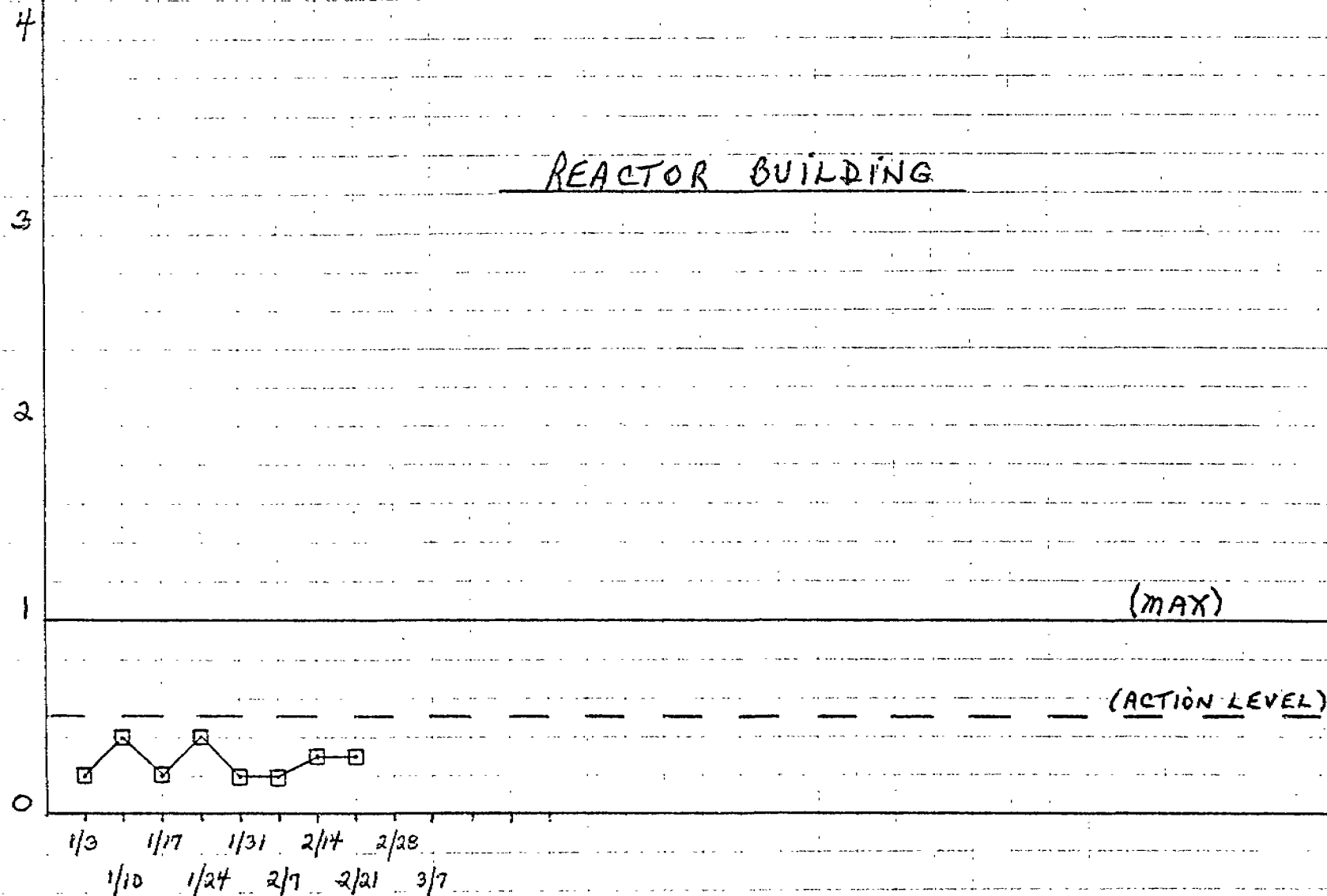
YPM
VCM
AVG.

GRAPH # 2

WEEKLY PLANT EXPOSURE AVERAGES FLEMINGTON PLANT

012673

REACTOR BUILDING



P.W.R. 1/81

REPORT PERIOD BEGINNING 1981

PPM
VCM
AVG.

GRAPH # 3

WEEKLY PLANT EXPOSURE AVERAGES

FLEMINGTON - PILOT PLANT

PILOT PLANT

012677

4

3

2

1

0

(MAX)

(ACTION LEVEL)

1/3 1/17 1/31 2/14 2/28
1/10 1/24 2/7 2/21 3/7

REPORT PERIOD BEGINNING 1981

P. K. 1/81