

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

|         |                                                            |    |            |         |                   |
|---------|------------------------------------------------------------|----|------------|---------|-------------------|
| TO      | J. T. Sweeney                                              | AT | Flemington | DATE    | January 8, 1980   |
| FROM    | W. D. Bord                                                 | AT | Flemington | COPY TO | W. R. Fogelsanger |
| SUBJECT | VCM Control Report for the<br>Period: 11/17/79 to 11/23/79 |    |            |         | D. M. Hershkowitz |
|         |                                                            |    |            |         | F. W. Kanzler     |
|         |                                                            |    |            |         | F. S. Klopp       |
|         |                                                            |    |            |         | R. A. Lojewski    |
|         |                                                            |    |            |         | S. P. Robbins*    |
|         |                                                            |    |            |         | M. K. Rosen       |
|         |                                                            |    |            |         | C. F. Rothenbeck  |
|         |                                                            |    |            |         | G. I. Rozand      |
|         |                                                            |    |            |         | P. D. Ruane       |
|         |                                                            |    |            |         | P. R. Scarito     |
|         |                                                            |    |            |         | D. I. Scofield    |
|         |                                                            |    |            |         | M. E. Wagshul     |

\*Table II Only

| Area                | VCM Average Level | % $\geq 1$ ppm | Number $\geq 100$ ppm |
|---------------------|-------------------|----------------|-----------------------|
| Reactor Building    | 0.2               | 3.1            | 1                     |
| Recovery Comp. Room | 1.1               | 2.7            | 0                     |
| General Area        | 0.1               | 0.4            | 0                     |
| Pilot Plant         | $< 0.1$           | 0.1            | 0                     |
| Parshall Flume      | 0.1               | 0.4            | 0                     |

The Reactor Building remained at a low 0.2 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.

W. D. Bord

WDB:ms

011680

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|         |                              |    |            |         |                   |
|---------|------------------------------|----|------------|---------|-------------------|
| TO      | W. D. Bord                   | AT | Flemington | DATE    | January 8, 1980   |
| FROM    | P. D. Ruane                  | AT | Flemington | COPY TO | W. R. Fogelsanger |
| SUBJECT | VCM Control Report           |    |            |         | D. M. Hershkowitz |
|         | Period: 11/17/79 to 11/23/79 |    |            |         | F. W. Kanzler     |
|         |                              |    |            |         | F. S. Klopp       |
|         |                              |    |            |         | R. A. Lojewski    |
|         |                              |    |            |         | S. P. Robbins*    |
|         |                              |    |            |         | M. K. Rosen       |
|         |                              |    |            |         | C. F. Rothenbeck  |
|         |                              |    |            |         | G. I. Rozand      |
|         |                              |    |            |         | P. R. Scarito     |
|         |                              |    |            |         | D. I. Scofield    |
|         |                              |    |            |         | J. T. Sweeney     |
|         |                              |    |            |         | M. E. Wagshul     |

\*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 November 17, 1979 to November 23, 1979.

*Paul D. Ruane*  
P. D. Ruane

PDR:ms

011631

TABLE I  
AREA MONITORING SYSTEM-FLEMINGTON  
Weekly Summary

Period: 11/17/79 to 11/23/79

| <u>Area</u>         | <u>Average<br/>PPM,VCM</u> | <u>Total<br/>Samples</u> | <u>Number of Readings &amp; Percentages</u> |                    |          |                    |          |                     |          |                      |
|---------------------|----------------------------|--------------------------|---------------------------------------------|--------------------|----------|--------------------|----------|---------------------|----------|----------------------|
|                     |                            |                          | <u>N</u>                                    | <u>&gt;1<br/>%</u> | <u>N</u> | <u>&gt;5<br/>%</u> | <u>N</u> | <u>&gt;25<br/>%</u> | <u>N</u> | <u>&gt;100<br/>%</u> |
| Reactor Building    | 0.2                        | 6,240                    | 192                                         | 3.1                | 67       | 1.1                | 6        | 0.1                 | 1        | 0.02                 |
| Recovery Comp. Room | 1.1                        | 960                      | 26                                          | 2.7                | 9        | 0.9                | 1        | 0.1                 | 0        | 0                    |
| General Area        | 0.1                        | 4,800                    | 20                                          | 0.4                | 14       | 0.3                | 4        | 0.1                 | 0        | 0                    |
| Pilot Plant         | <0.1                       | 3,840                    | 4                                           | 0.1                | 0        | 0                  | 0        | 0                   | 0        | 0                    |
| Parshall Flume      | 0.1                        | 480                      | 2                                           | 0.4                | 0        | 0                  | 0        | 0                   | 0        | 0                    |

*Paul D. Ruane*  
P. D. Ruane

PDR:ms

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FLEMINGTON TIME-WEIGHTED EXPOSURE AVERAGES  
CALCULATED FROM BENDIX MONITORING DATA

11/17 /79 TO 11/23/79

JOB CLASSIFICATION

TWA

TABLE II

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RESIN PLANT

|                            |     |
|----------------------------|-----|
| POLYFORMAN W AIR           | .1  |
| POLYFORMAN WO AIR          | .2  |
| SHIFT FORMAN W AIR         | .1  |
| SHIFT FORMAN WO AIR        | .3  |
| RELIEF FOREMAN W AIR       | .1  |
| RELIEF FOREMAN WO AIR      | .3  |
| REACTOR OPER-CHRG W AIR    | .2  |
| REACTOR OPER-CHRG WO AIR   | .2  |
| REACTOR OPER-DUMPG W AIR   | .1  |
| REACTOR OPER-DUMPG WO AIR  | .5  |
| REACTOR OPER-RELIEF W AIR  | .1  |
| REACTOR OPER-RELIEF WO AIR | .6  |
| UTILITY OPER W AIR         | .2  |
| UTILITY OPER WO AIR        | 1.4 |
| DRYER OPER                 | .0  |
| WAREHOUSE SUPERVISOR       | .1  |
| WAREHOUSEMAN-BAGGER        | .1  |
| RELIEF OPER W AIR          | .1  |
| RELIEF OPER WO AIR         | .1  |

GENERAL AREA

|                     |    |
|---------------------|----|
| MAINTENANCE FORMAN  | .1 |
| MECHANIC SHIFT      | .3 |
| MECHANIC DAY        | .2 |
| BOILER OPER         | .1 |
| MAINTENANCE CLERK   | .1 |
| EFFLUENT MAN W AIR  | .2 |
| EFFLUENT MAN WO AIR | .2 |
| QC TECHNICIAN       | .2 |
| QC SUPERVISOR       | .2 |

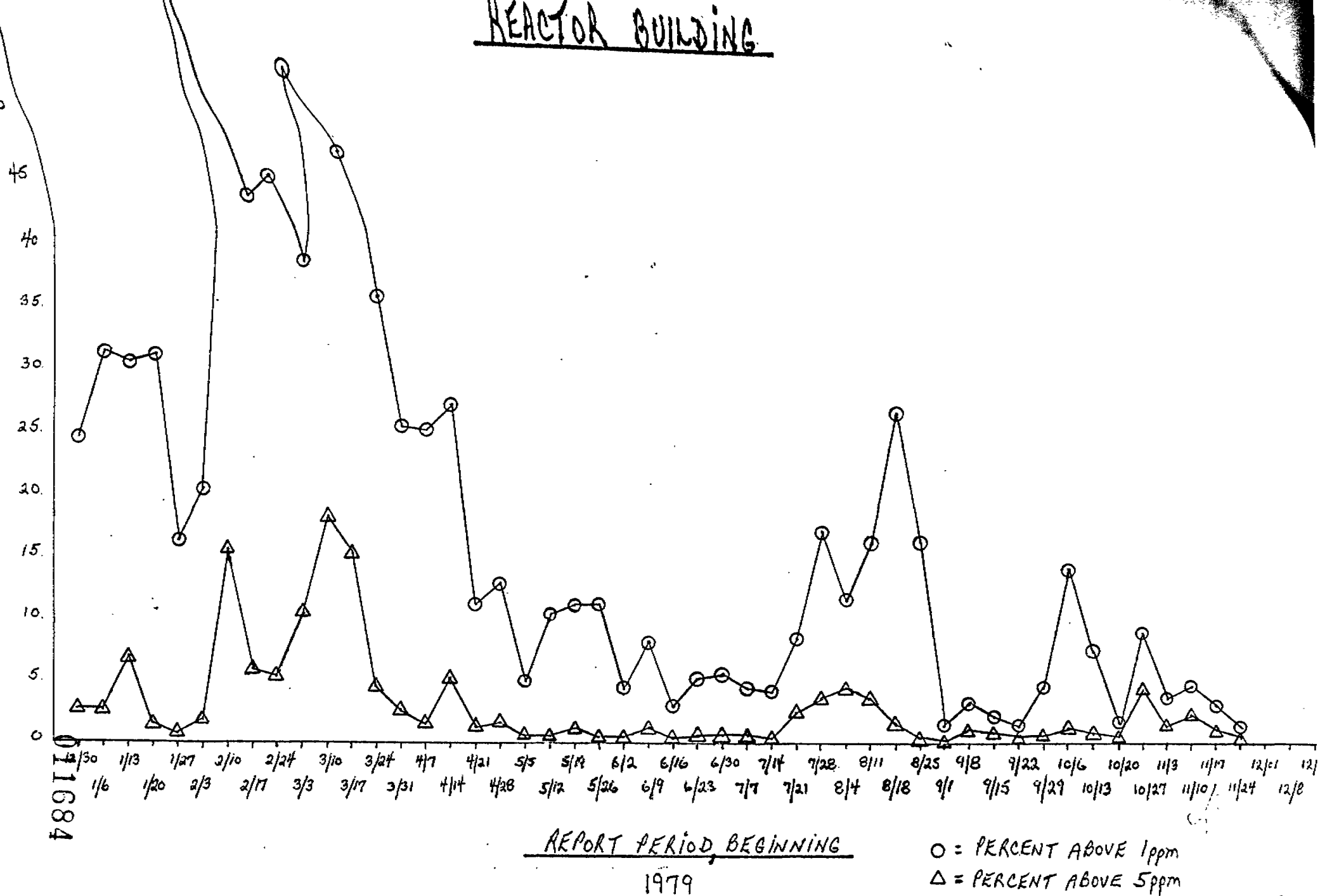
PILOT PLANT

|                   |    |
|-------------------|----|
| GROUP LEADER      | .3 |
| ENGINEER          | .2 |
| TECHNOLOGIST      | .1 |
| TECHNICIAN W AIR  | .0 |
| TECHNICIAN WO AIR | .1 |
| MAINT TECHNICIAN  | .0 |

*P.D. Ruane*

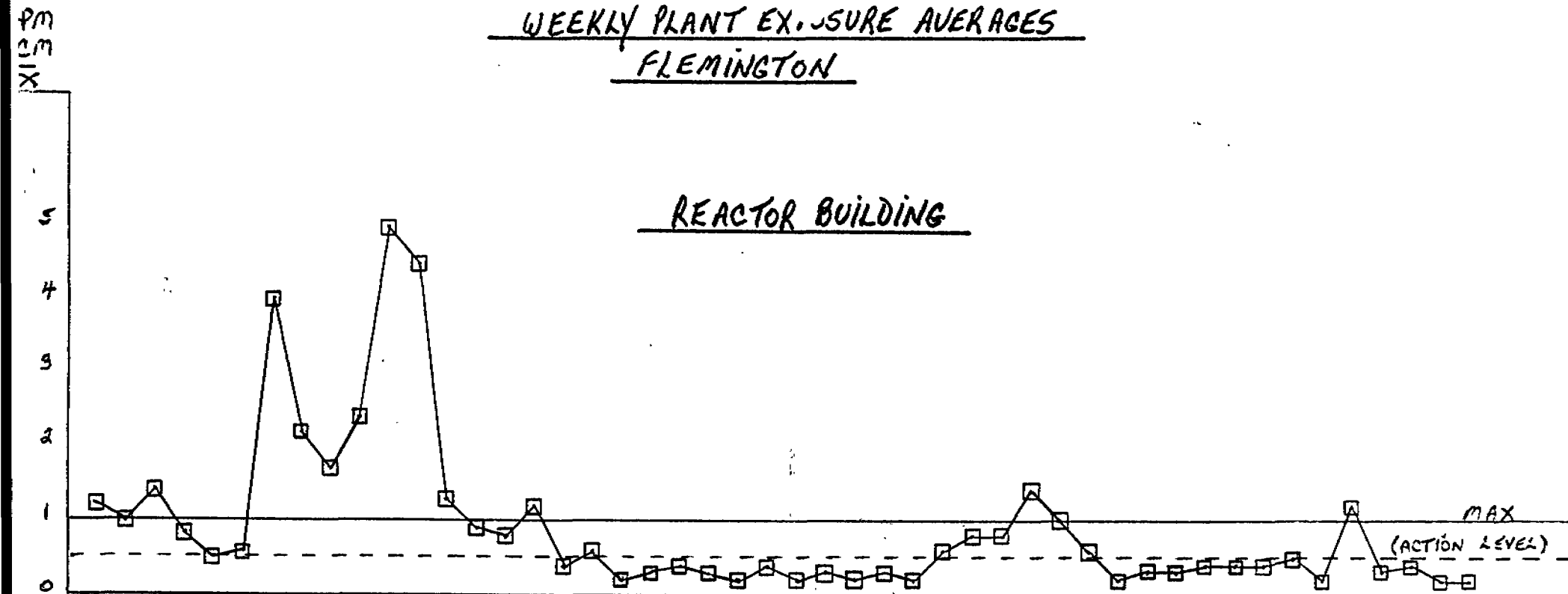
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# REACTOR BUILDING



GRAPH  
WEEKLY PLANT EXPOSURE AVERAGES  
FLEMINGTON

REACTOR BUILDING



PILOT PLANT

