

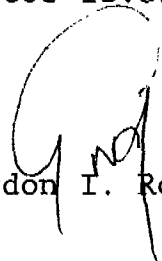
INTER-OFFICE MEMO **TENNECO CHEMICALS, INC.**

TO J. T. Sweeney AT Flemington DATE November 18, 1976
FROM G. I. Rozand AT Piscataway COPY TO W. D. Bord
SUBJECT VCM MONITORING DATA W. R. Fogelsanger
10/30 - 11/5 W. F. Gabel

The weekly data submitted for the above period dramatically highlights the kind of problems that have been apparent at Flemington for the last two weeks. Levels averaged 2.2 in the reactor room and 19 in the recovery room. Moreover, you had 73 excursions greater than 25 in the reactor building and 52 excursions greater than 25 in the recovery room. If our definition of a leak for EPA consideration is accepted at 25, your operation is generating far too many leaks! It is assumed that our leak detection program will be operational on January 19, 1977. Plan for increased maintenance in the recovery area and we will expedite installation of reactor opening CAR.

You will be plagued with having to deal with these leaks for EPA, much more so than you have been concerned as far as OSHA is involved. No longer can we ignore the levels above 25 ppm because no personnel are exposed! EPA demands your attention and remedy regardless of personnel exposure, as you know.

My understanding is that the VCM weekly data for the next reporting period shows a reactor level at 1, which of course is more in line with norm.


Gordon I. Rozand

GIR:tm

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

TO J. T. Sweeney AT Flemington DATE December 27, 1976

FROM R. A. Lojewski AT Flemington COPY TO W. D. Bord
C. N. Brown*
R. F. Fanter
W. R. Fogelsanger
W. F. Gabel
D. M. Hershkowitz
F. W. Kanzler
W. Miringoff
P. M. Reed
S. Robbins
M. K. Rosen
G. I. Rozand
F. Toca
R. J. Young

SUBJECT VCM Exposure Data and TWA - Flemington Plant
Area Monitoring System
Period: December 11, 1976 to December 17, 1976

TWA Only*

Attached are Plant summaries (Tables I-III). Table IV lists all excursions at or above 100 ppm including the number of incidents. Table V shows the TWA by job classification calculated from the data in Tables I-III. Graph #1 shows the percentage of readings above 1 and 5 ppm VCM for the Reactor Building while Graph #2 shows the weekly averages for the Reactor Building and the Pilot Plant. This report period there will not be an analysis of the Plant data by W. D. Bord due to him being on vacation.

The Plant was in operation seven days for this report period running at about 81% utilization. The four G.C.'s were on computer control.

Area	Total	<u>>1</u>		<u>>5</u>		<u>>25</u>		<u>>100</u>	
		N	%	N	%	N	%	N	%
Reactor Building	10,991	4121	37	847	8	106	1	4	0.04
Recovery Comp. Room	1,374	1357	99	1198	87	123	9	7	0.5
Pilot Plant	4,662	739	16	16	0.3	1	0.02	0	0
General Area	6,871	205	3	17	0.2	1	0.01	1	0.01
Parshall Flume	666	66	10	3	0.5	0	0	0	0

All readings greater than or equal to 100 ppm VCM are tabulated in Table IV. Twelve readings at or above 100 ppm occurred this report period reflecting seven separate incidents. Three incidents occurred in the Reactor Building affecting the center aisle 1st floor, VCM day tank area and the stairwell in hallway 2nd floor. Four incidents occurred in the Recovery Compressor Room affecting #1 and #2 recovery system. One incident occurred in the General Area affecting the VCM transfer pumps in the tank farm. No incidents occurred in the Pilot Plant during this report period.

R. A. Lojewski (P.D.R.)
R. A. Lojewski

RAL:ms

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