



TO: C. HENDRICKS

DATE: JANUARY 5, 1984

FOR:

FROM: N. L. TURNER *N.L.T.*

RE: VCM PERSONNEL MONITORING - DECEMBER, 1983

Attached are December Vinyl Chloride exposure reports for the Pasadena Plant.

The typewritten table shows the individual data on personnel in the various job classifications as monitored by the Charcoal Tube method and the time a fresh air mask was worn.

The computer tables consist of a summary of major plant areas, a detailed breakdown of VCM contents at each sample point in each area (Tables 1 - 9) and specific sample points in areas where levels are possibly ≥ 1 ppm (Tables 10 - 14).

NLT:js

cc: L. Cox

J. Fojt

C. Grimes

J. Kachtick

T. T. Moore

J. Oliver

S. Richter

J. F. Robins

PVC File: Personnel Monitoring

PERSONNEL MONITORING EVALUATION

1. No. Tenneco employees monitored 40
2. No. of Contract employees monitored 7
3. No. of exposures from 0.5 to 0.9 ppm 11
4. No. of exposures from 1.0 to 4.9 ppm 8
5. No. of exposures of 5.0 ppm and above 4
6. No. of exposures above permissible level without use of fresh air mask 2

Tenneco Non-Maintenance employee exposures broken down as follows:

	Regulated Areas		Non-Regulated Areas	
	Total	Without Air Mask	Total	Without Air Mask
Exposures from 0.5 to 0.9 ppm	<u>5</u>	<u>4</u>	<u>1</u>	<u>1</u>
Exposures from 1.0 to 4.9 ppm	<u>4</u>	<u>1</u>	<u>1</u>	<u>1</u>
Exposures of 5.0 ppm and above	<u>3</u>	<u>0</u>	<u>0</u>	<u>0</u>

Maintenance employee exposures broken down as follows:

	Total	Without Air Mask
Exposures from 0.5 to 0.9 ppm	<u>5</u>	<u>4</u>
Exposures from 1.0 to 4.9 ppm	<u>3</u>	<u>1</u>
Exposures of 5.0 ppm and above	<u>1</u>	<u>0</u>

TENNECO POLYMERS, INC.
PASADENA, TEXAS

DECEMBER, 1983

DATE	JOB CLASSIFICATION	AIR MASK TIME IN MINUTES	CHARCOAL TUBE PPM	TUBE VCM	AREA MONITORING
<u>Recovery Operator</u>					
12/05	R. Streig	0		0.4	0.1
12/06	D. Glockzin	10		<u>9.5</u>	< 0.1
12/12	A. Plopper	0		0.8	0.4
12/15	F. Stahl	0		<u>1.3</u>	0.4
12/16	C. Carbon	0		< 0.1	< 0.1
12/19	M. Jacobs	15		<u>7.4</u>	0.7
<u>Top Operator</u>					
12/05	L. Clay	30		0.3	0.8
12/06	C. Burnett	5		<u>16.4</u>	2.4
12/06	C. Sanchez	10		0.4	2.4
12/07	J. Johnson	30		<u>1.2</u>	1.0
12/12	R. Kolozaik	0		0.4	0.7
12/12	E. W. Brown	0		0.5	0.7
12/16	G. Cook	0		0.5	0.8
12/16	M. Brown	0		< 0.1	0.8
12/19	W. Coolgrove	0		< 0.1	0.2
<u>Bottom Operator</u>					
12/05	M. Holder	7		0.7	0.7
12/15	G. Cook	0		0.9	0.2
12/16	R. Mayon	0		0.2	0.3
<u>Mini Operator</u>					
12/05	C. Burnett	5		<u>2.7</u>	0.8
12/06	L. Clay	30		<u>1.0</u>	2.4
<u>Roving Operator</u>					
12/12	D. Glockzin	0		0.1	0.5
12/15	L. Sylvester	0		0.2	0.3
12/19	R. Ligon	60		0.2	0.2
<u>Shift Supervisor</u>					
12/05	P. Gibson	0		< 0.1	0.2
12/12	B. Peacock	0		0.1	0.4
12/16	C. Corbett	0		0.2	0.1

DATE	JOB CLASSIFICATION	AIR MASK TIME IN MINUTES	CHARCOAL TUBE		AREA MONITORING
			PPM	VCM	
<u>Laboratory Technician</u>					
12/06	W. Hutton	0	< 0.1		< 0.1
12/07	J. Sudduth	0	0.1		< 0.1
12/07	T. Padgett	0	0.7		< 0.1
12/08	J. Durio	0	<u>1.3</u>		0.3
12/13	R. Hirst	0	0.1		< 0.1
12/13	D. Shipp	3	0.2		< 0.1
12/19	G. Galvan	20	< 0.1		< 0.1
<u>VCM Loaders</u>					
12/08	N. Barth	0	0.2		0.2
12/08	C. Herpin	0	0.2		0.2
<u>Tenneco Maintenance</u>					
12/07	D. Evans	0	0.6		
12/07	M. Stevenson	0	<u>1.0</u>		
12/08	E. Snyder	0	0.6		
12/14	R. Nunn	60	<u>10.4</u>		
12/14	W. Ludicke	0	0.5		
<u>Contract Maintenance</u>					
12/08	J. Harrison	0	0.6		
12/13	A. Villanueva	60	0.3		
12/13	E. Rablot	0	< 0.1		
12/14	J. Jacobs	60	0.5		
12/14	D. Duhon	60	<u>1.2</u>		
12/14	J. Gaston	30	<u>3.0</u>		
12/19	W. Edwards	0	0.1		

Removing
40-62 valve

Removing
uv-62 value