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May 18, 1992

To: Herm Waltemate
cc Bob Grahek

From: Dan Gleghorn

Subject: VCM Monitoring Results For Compounding Operations
1989 - 91

The attached monitoring results, for VCM, are for the period 1/1/89 through 12/31/91. These are the results from the Corporate Medical Surveillance System.

There are no results for the Canadian Plants or Terre Haute.

I have included those job which only have exposure to Compound Operations.

The highest result was in Plaquemine where the Operations Specialist/Technician - Compound had a 0.92 ppm average reading.

Most plants do not monitor for VCM in Compounding operations.

The result < 0.12 is a number entered into the computer which represents 1/2 the Detection Limit and indicates the results were below the Detection Limit of the analytical method used.

GVD has always used 0.25 ppm for the detection limit when monitoring with the Reizener Badges. If a charcoal tube and pump were used a specific volume of analyte could be drawn and a much lower detection limit would be achievable.

Under the present circumstances I recommend more accurate monitoring be conducted. We no longer are dealing with simple OSHA compliance issues and therefore need more sophisticated monitoring technics.

I hope this will help you with your project.

*Woody Ban
Bob Hinderer*

Dan
Dan Gleghorn

*Joe Muhs
Jim Summers - AWCN*

*I had Dan gather
this data for our
May 26 meeting.*

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05/18/92
LETTERS\VCMMR.HW

*H Waltemate
9/12/92*

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MS REPORT NO. 052
PROGRAM CMS8CM65

EXPOSURE PROFILE BY EXPOSURE

REPORT DATE

EXPOSURE: 00148 VINYL CHLORIDE 1910.1017 (001.00 PPM)
PLANT: 0010 CHEM LOUISVILLE 502-772-5900

DEPARTMENT: 5790 MAINT-A1-CMP,TEMP,LB

TIME PERIOD: 01/89 - 12/91

JOB CODE	JOB NAME	RANGE	AVG	STD DEV	UNITS	SAMPLES	TIME PERIOD	EXP LVL	NO. EMPL
802579203	PIPEFITTER	000-000 000-004	0.24 0.93	0.2 2.0	PPM PPM	11 6	01/89 - 09/89 03/90 - 03/90		
802579309	MECHANIC	000-000 000-000	< 0.12 < 0.12	0.0 0.0	PPM PPM	2 2	05/89 - 05/89 03/90 - 03/90		
802579314	INSTRUMENT MECHANIC	000-000 000-000	< 0.12 < 0.12	0.0 0.0	PPM PPM	2 1	01/89 - 05/89 03/90 - 03/90		
802579318	LAGGER	000-000	< 0.12	0.0	PPM	1	03/90 - 03/90		

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