

ABERDEEN CHEMICAL PLANT
INDUSTRIAL HYGIENE MONTHLY REPORT

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Months: November and December, 1986
Date of Report: January 26, 1987

I. ROUTINE CHEMICAL DOSIMETRY

All Sample Results

<u>CHEMICAL</u>	<u>November</u>				<u>December</u>			
	<u>< PEL</u>		<u>> PEL</u>		<u>< PEL</u>		<u>> PEL</u>	
	<u>NO.</u>	<u>%</u>	<u>NO.</u>	<u>%</u>	<u>NO.</u>	<u>%</u>	<u>NO.</u>	<u>%</u>
VCM	72	98.6	1	1.4	75	96.2	3	3.8
Lead	21	95.5	1	4.5	20	95.2	1	4.8
Total Particulates	7	100.0	0	0.0	8	100.0	0	0.0

Overexposures

JOB CLASS

EXPOSURE

SOURCE

November

Yard Operator

1.2* ppm, VCM

Employee overexposed while checking for leaks in the VCM compressor shed.

Color Weigh Compounder

279.4* Micrograms
Lead/M³

Employee overexposed while performing his routine color weigh room duties.

December

Vinyl A Operator

9.6* ppm, VCM

Employee overexposed while changing the new unit VCM filters.

Vinyl Shift Supervisor

1.4** ppm, VCM

Employee overexposed while performing his routine duties. The exact cause of his overexposure has not yet been determined.

General Mechanic

196.4* ppm, VCM

Employee overexposed while removing an old unit VCM charge pump from service to repair a leaking valve.

Overexposures - Continued

Color Weigh Compounder 310.8* Micrograms
Lead/M³

Employee overexposed while performing his routine color weigh room duties. The cause of this overexposure and the one shown above appears to be work practice deficiencies, which are being corrected.

- * Respiratory protection was worn.
- ** Respiratory protection was not worn.


Gerald V. Uptain

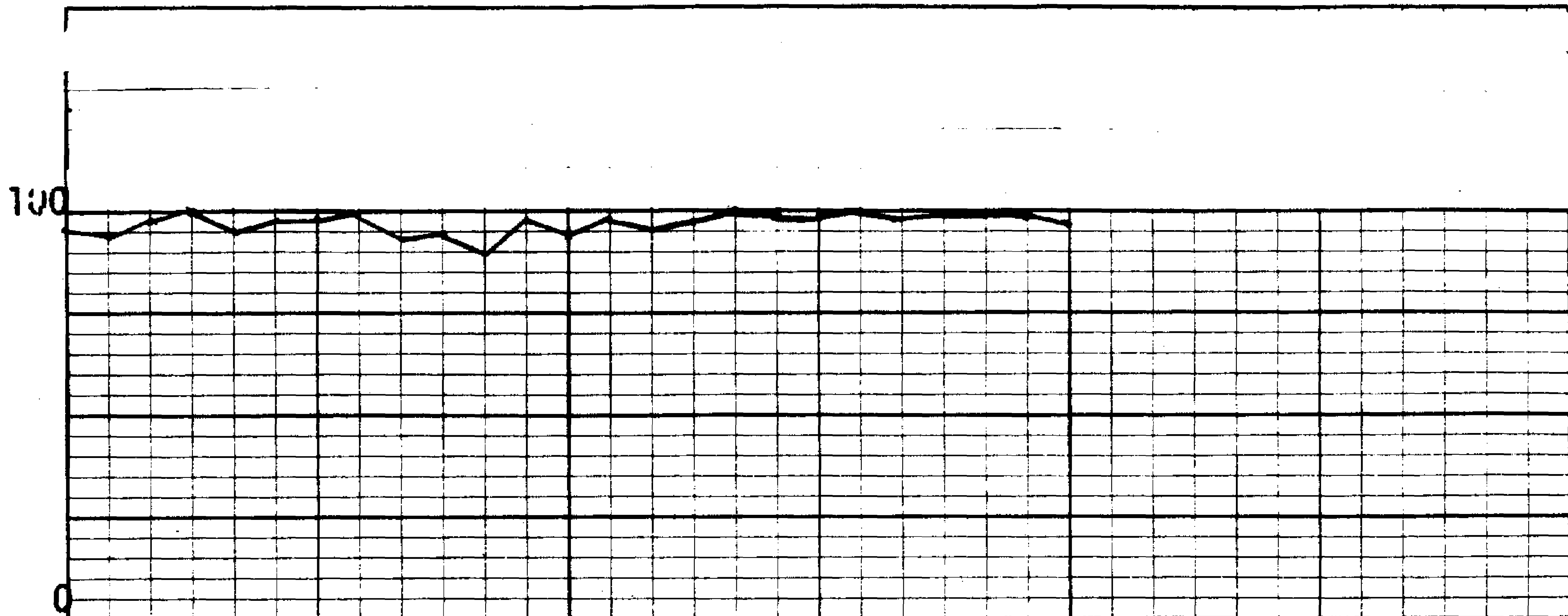
rah

c: JF, JWW, DWH, PJK, WFH, TFL, VEM, RAF, CWT
Tom Grumbles, J. R. Drumwright, M.D. - Houston

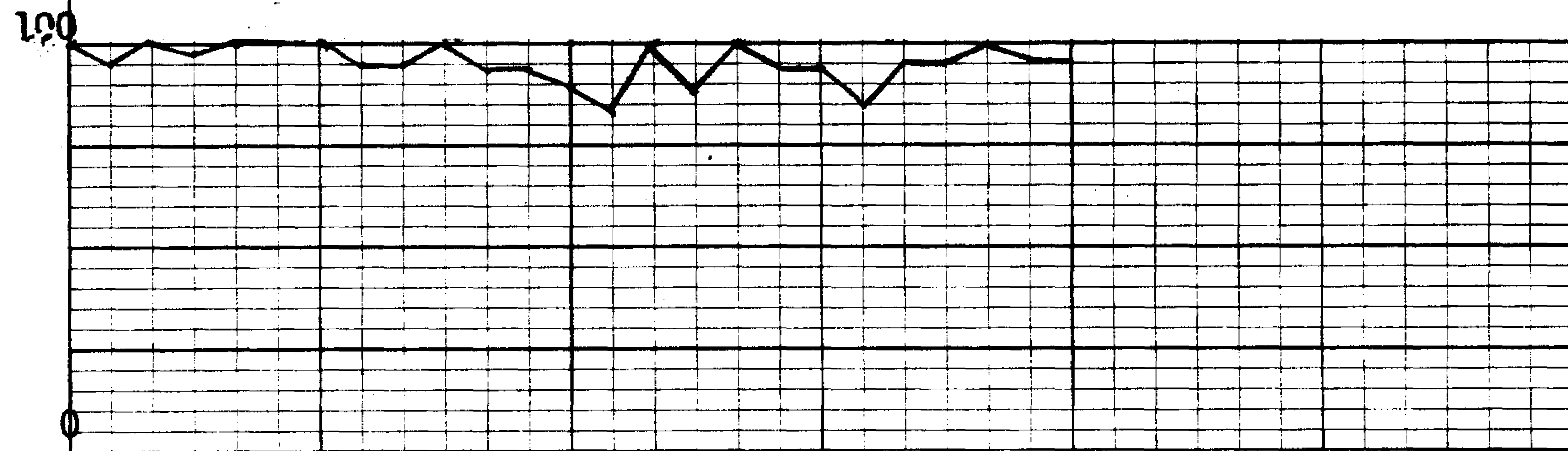
ABERDEEN CHEMICAL PLANT
CHEMICAL DOSIMETRY TRENDS

% <
PEL

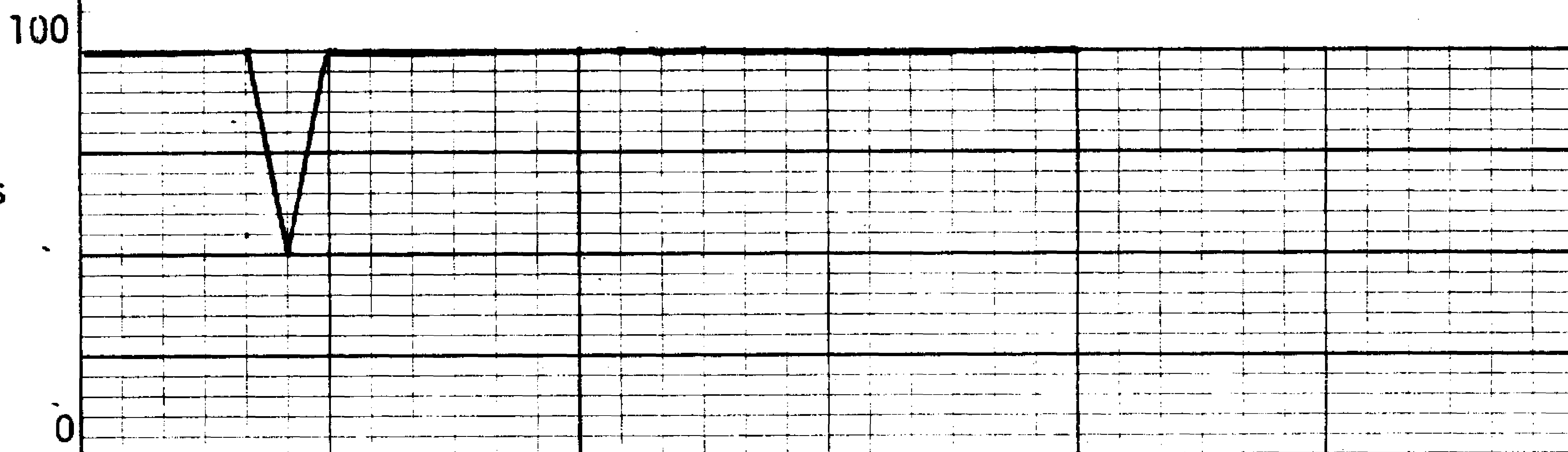
VCM



Lead



Total
Particulates



Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
19 85												19 86												19 87											