

ABERDEEN CHEMICAL PLANT
ROUTINE CHEMICAL DOSIMETRY SUMMARY

Month of: January, 1984

Date Of Report: February 16, 1984

cc: JF, CRM, PEM, PJK, LPS, WFH, CRS, RAF, RAM, AHS
 Tom Grumbles - Houston
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ALL SAMPLE RESULTS:

<u>Chemical</u>	<u>< PEL</u>		<u>> PEL (OVEREXPOSURES)</u>	
	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>
VCM	86	89.6	10	10.4
Lead	4	80.0	1	20.0
Total Particulates	4	100.0	0	0.0

OVEREXPOSURES

<u>Job Class</u>	<u>Exposure</u>	<u>Source</u>
Color Weigh Compounder	95.2*, Micrograms Lead/m ³	Employee did routine job of color weighup, including Halbase 100EP and Cyastab 988.
Reactor Operator	1.2* ppm, VCM	Employee overexposed while changing VCM filter pack filters in the old unit.
Reactor Operator	1.4* ppm, VCM	Employee overexposed while conducting a VCM leak check in the old unit.
Vinyl Lead Operator	1.5 ppm, VCM	Employee worked inside the vinyl control room during a period in which the control room air supply system was inoperative due to failure of a blower during cold weather.

OVEREXPOSURES - Continued *- Jan*

<u>Job Class</u>	<u>Exposure</u>	<u>Source</u>
Vinyl Shift Supervisor	2.4* ppm, VCM	Employee overexposed while checking VCM filter packs in both vinyl units.
General Mechanic	1.6 ppm, VCM	Employee overexposed while performing several VCM leak repairs.
General Mechanic	1.6 ppm, VCM	Employee overexposed while insulating piping at grade level on the west side of D-400, D-500, and D-600 reactors. The specific source of VCM has not been identified.
Electrician	2.0 ppm, VCM	Employee repaired a dry blend boxing hopper dust collector and a roll-up, traffic door just north of the Compound Shift Supervisor's office. The source of VCM has not been identified.
General Mechanic	2.4* ppm, VCM	Employee overexposed while removing a blank from the end of a VCM line next to D-300 reactor to check for pluggage.
General Mechanic	3.3 ppm, VCM	Employee repaired the steam tracing on an alcohol transfer line from the P-1 building to the plasticizer tank farm. No specific source of VCM has been identified.
General Mechanic	21.3* ppm, VCM	Employee overexposed while repairing a VCM recovery compressor leak.

*Respiratory Protection Worn.

Gerald V. Upton

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