

ABERDEEN CHEMICAL PLANTROUTINE CHEMICAL DOSIMETRY SUMMARYMonth Of: December, 1983Date Of Report: January 6, 1984

cc: JF, CRM, PEM, PJK, LPS, WFH, CRS, RAF, RAM, AHS
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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	84	89.4	10	10.6
Lead	11	100.0	0	0.0
Total Particulates	0	0.0	0	0.0

OVEREXPOSURES:

<u>Job Class</u>	<u>Exposure</u>	<u>Source</u>
Reactor Operator	38.2* ppm, VCM	Employee overexposed while changing VCM filter pack filters in the unit.
Yard Operator	2.6* ppm, VCM	Employee overexposed while unloading VCM railcars.
Yard Operator	2.1* ppm, VCM	Employee overexposed while unloading VCM railcars.
Vinyl Operations Supervisor	1.7* ppm, VCM	Employee overexposed while checking for VCM leaks on the old unit recovery compressor deck.
General Mechanic	14.0* ppm, VCM	Employee overexposed while removing a large chunk of polymer from a drain line in the new unit.

OVEREXPOSURES - Continued

<u>Job Class</u>	<u>Exposure</u>	<u>Source</u>
Instrument Technician	9.5 ppm, VCM	The employee recalls having smelled VCM while replacing a defective reed switch on a control valve in one of the reactor areas. The specific location is uncertain.
General Mechanic	6.5* ppm, VCM	Employee overexposed while changing out #5 Corken compressor.
General Mechanic	4.4 ppm, VCM	Employee overexposed while tightening the D-300 condenser lid.
General Mechanic	1.9 ppm, VCM	Employee overexposed while repairing various small leaks during startup of the old unit.
Maintenance Area Supervisor	1.7* ppm, VCM	Employee overexposed while supervising line breaking on the 901 vacuum pump.

*Respiratory Protection Worn.


 Gerald Uptain

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