

PJK

ABERDEEN CHEMICAL PLANT
INDUSTRIAL HYGIENE MONTHLY REPORT

Month: January, 1985
Date of Report: February 28, 1985

I. ROUTINE CHEMICAL DOSIMETRY

All Sample Results

<u>Chemical</u>	<u>< PEL</u>		<u>> PEL (OVEREXPOSURES)</u>	
	<u>NO.</u>	<u>%</u>	<u>NO.</u>	<u>%</u>
VCM	89	93.7	6	6.3
Lead	14	93.3	1	6.7
Total Particulates	10	100.0	0	0.0

Overexposures

<u>Job Class</u>	<u>Exposure</u>	<u>Source</u>
Chief Operator	1.9* ppm, VCM	Employee overexposed while changing out the inlet valve on the old unit recovery system "A" vacuum pump.
General Mechanic	5.1* ppm, VCM	Employee overexposed while changing a rinse water valve on D-300 reactor.
General Mechanic	4.0* ppm, VCM	Employee overexposed while repairing a new unit recovery compressor seal water line.
Reactor Operator	16.6** ppm, VCM	Employee performed his normal job duties. The cause of his overexposure has not been identified.
General Mechanic	2.7** ppm, VCM	Employee overexposed while working near a Corkin compressor which was being torn down and which contained residual VCM trapped in the vicinity of the internal packing.
General Mechanic	2.5** ppm, VCM	Same cause as other General Mechanic having 2.7 ppm over-exposure.

* Respiratory protection was worn.

** Respiratory protection was not worn.

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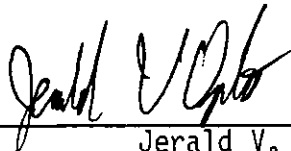
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II. LEAD AND TOTAL PARTICULATES DOSIMETRY

Based on the success seen during the month with VCM dosimetry scheduling by job class, a decision was made to do likewise with lead and total particulates.

III. INDUSTRIAL HYGIENE CLERICAL DUTIES

- Responsibility for the industrial hygiene clerical duties performed by the Plant Nurse was transferred to the Safety Supervisor.



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c: JF, JWW, DWH, PJK, WFH, CRS, RAF, AHS, JRW
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