

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.

A

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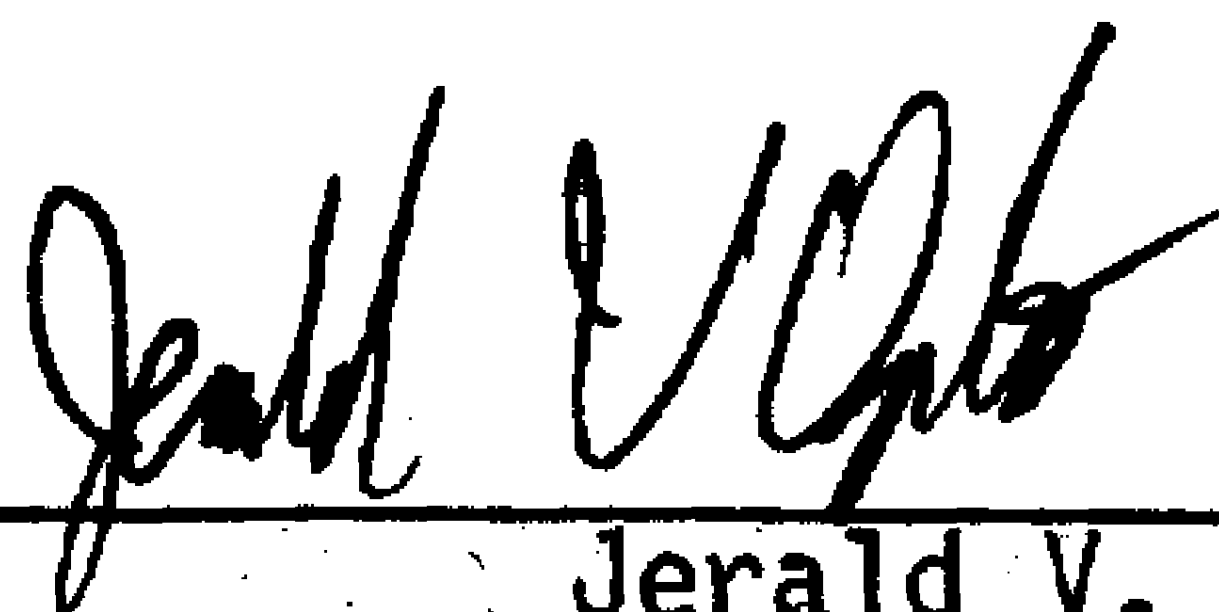
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II. LEAD AND TOTAL PARTICULATES DOSIMETRY

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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