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ABERDEEN CHEMICAL PLANT
INDUSTRIAL HYGIENE MONTHLY REPORT

Month: October, 1985
Date of Report: November 25, 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	76	89.4	9	10.6
Lead	16	94.1	1	5.9
Total Particulates	6	100.0	0	0.0

Overexposures

<u>JOB CLASS</u>	<u>EXPOSURE</u>	<u>SOURCE</u>
Compounder	54.8* Micrograms Lead/M ³	Employee overexposed while charging Line III blenders with Tribase.
Yard Operator	1.3* ppm, VCM	Employee overexposed while helping shift mechanic blank #4 VCM unloading station liquid line.
General Mechanic	2.1* ppm, VCM	Employee overexposed while blanking #4 VCM unloading station liquid line.
General Helper	2.0* ppm, VCM	Employee overexposed while pumping "pond" resin.
Painter/Insulator/ Carpenter	1.6** ppm, VCM	Employee overexposed while installing insulation covers above the old unit Sweco.
Chief Operator	1.2* ppm, VCM	Employee overexposed while preparing an old unit VCM return pump for mainte- nance.
Vinyl A Operator	68.5* ppm, VCM	Employee overexposed while changing VCM filters in the new unit.
Vinyl A Operator	2.2* ppm, VCM	Employee overexposed while changing VCM filters in the old unit.

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Overexposures - continued

<u>Job Class</u>	<u>Exposure</u>	<u>Source</u>
General Mechanic	1.3* ppm, VCM	Employee overexposed while replacing the chem wash and rinse valve on 741, 742 and 743 reactors.
General Mechanic	67.1* ppm, VCM	Employee overexposed while opening the manway of the old unit south receiver in preparation for cleaning.

* Respiratory protection was worn.

** Respiratory protection was not worn.

II. OSHA HAZARD COMMUNICATION RULE

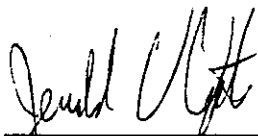
The first draft of the plant's Hazard Communication Program was written and distributed to department heads for review. Included were department lists of chemicals from the plant electronic data base.

III. GILMONT PRECISION FLOWTUBE

The calibration of the Gilmont precision flowtube used with Bendix air pumps during lead and total particulates dosimetry work was checked. No significant drift was seen.

IV. TOTAL PARTICULATES DOSIMETRY

All combination lead/total particulates dosimetry samples are now being sent to CTEK, Inc. for analysis of both items.



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c: JF, JWW, DWH, PJK, WFH, CRS, VEM, RAF, AHS, CWT
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ABERDEEN CHEMICAL PLANT
CHEMICAL DOSIMETRY TRENDS

