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ABERDEEN CHEMICAL PLANT
INDUSTRIAL HYGIENE MONTHLY REPORT

Month: August, 1985
Date of Report: Sept. 26, 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	63	91.3	6	8.7
Lead	16	94.1	1	5.9
Total Particulates	5	100.0	0	0.0

Overexposures

<u>JOB CLASS</u>	<u>EXPOSURE</u>	<u>SOURCE</u>
Color Weigh Compounder	66.2* Micrograms Lead/M ³	Employee overexposed while weighing small quantities of Tribase EXL and Dythal XL in the color weigh room.
Chief Operator	1.6* ppm, VCM	Employee overexposed while preparing new unit east seal water subcooler for maintenance.
General Mechanic	1.6** ppm, VCM	Employee overexposed while blanking out, unheading, and cleaning the new unit seal water subcoolers.
Vinyl A Operator	1.2* ppm, VCM	Employee overexposed while repairing a pressure transmitter line on 742 reactor.
Maintenance Supervisor	2.0** ppm, VCM	Employee worked in both vinyl reactor areas. The specific cause of his overexposure has not been determined.
Chief Operator	4.9** ppm, VCM	Employee worked in both vinyl reactor areas. The specific cause of his overexposure has not been determined.

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Overexposures - Continued

<u>Job Class</u>	<u>Exposure</u>	<u>Job Class</u>
Vinyl A Operator	21.2* ppm, VCM	Employee overexposed while changing VCM filter pack filters in the new unit.

- * Respiratory protection was worn.
** Respiratory protection was not worn.

II. OSHA HAZARD COMMUNICATION RULE

MSDS receipt dates were added to the plant electronic data base.

The plant's plan for complying with the labeling requirements of the OSHA Hazard Communication Rule was revised to include suggestions made by T. G. Grumbles.

III. RESPIRATORY EQUIPMENT HANDLING

An audit of respiratory equipment handling, storage, and use was conducted. As a result, changes were made in Scott Air Pak storage case cleaning duties and the packaging of Scott Air Pak facepieces.


Jerald V. Uptain

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c: JF, JWW, DWH, PJK, WFH, CRS, VEM, RAF, AHS, CWT
Tom Grumbles, J. R. Drumwright, M.D. - Houston

ABERDEEN CHEMICAL PLANT
CHEMICAL DOSIMETRY TRENDS

