

PJK

ABERDEEN CHEMICAL PLANTINDUSTRIAL HYGIENE MONTHLY REPORT

Month: June, 1986

Date of Report: July 28, 1986

I. ROUTINE CHEMICAL DOSIMETRYAll Sample Results

<u>CHEMICAL</u>	<u>< PEL</u>		<u>> PEL (OVEREXPOSURES)</u>	
	<u>NO.</u>	<u>%</u>	<u>NO.</u>	<u>%</u>
VCM	80	97.6	2	2.4
Lead	15	93.7	1	6.3
Total Particulates	6	100.0	0	0.0

Overexposures

<u>JOB CLASS</u>	<u>EXPOSURE</u>	<u>SOURCE</u>
Chief Operator	2.9** ppm, VCM	Employee overexposed while preparing 742 reactor for a cooling jacket repair.
Instrument Technician	1.8* ppm, VCM	Employee overexposed while calibrating the old unit fresh VCM receiver level indicator.
Color Weigh Compounder	169.6* Micrograms Lead/M ³	Employee overexposed while weighing up small quantities of Cyastab 988 and Tribase EXL for Compound Line V in the Color Weigh Room. At writing, the source of the employee's recent overexposures has been investigated and related to work practice changes caused by Line V startup. Corrective measures are being taken.

* Respiratory protection was worn.

** Respiratory protection was not worn.

II. HAZARD COMMUNICATION PROGRAM

- A Hazard Communication Program makeup class was held for six people.
- The Hazardous Material Reference Books were improved by adding index tabs and hi-lighting the product names on all MSDSs.

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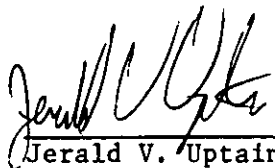
III. LAB VENTILATION

Lab ventilation hood airflows were checked. No abnormalities were found.

IV. SHORT-TERM VCM EXPOSURES

Two short-term VCM exposure measurements were made during the blanking of the 745 reactor condenser. The measurements were made using REAL "Minimonitors" worn by two mechanics as they performed the work. Conclusions about the need for respirator protection during this job are being deferred until additional samples have been taken.

<u>Mechanic</u>	<u>Sample Time (Min.)</u>	<u>TWF Result (ppm, VCM)</u>
A	145	< 0.1
B	166	0.2


Gerald V. Uptain

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

CHEMICAL DOSIMETRY TRENDS

%
 PEL

VCM

100

0

100

0

Lead

100

0

Total
 Particulates

Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

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