

ABERDEEN CHEMICAL PLANT
ROUTINE CHEMICAL DOSIMETRY SUMMARY

MONTH OF: December, 1982

DATE OF REPORT: January 10, 1983

c: JF, CRM, PEM, PJK, RDJ, WFH, CRS, RAF, RAM, AHS
 T. G. Grumbles - Houston, L. A. Legendre- Ponca City

ALL SAMPLE RESULTS:

<u>Chemical</u>	<u>< PEL</u>		<u>≥ PEL OVEREXPOSURES</u>	
	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>
VCM	65	91.5	6	8.5
Lead	16	88.9	2	11.1
Antimony				
Total Particulates	2	100	0	0

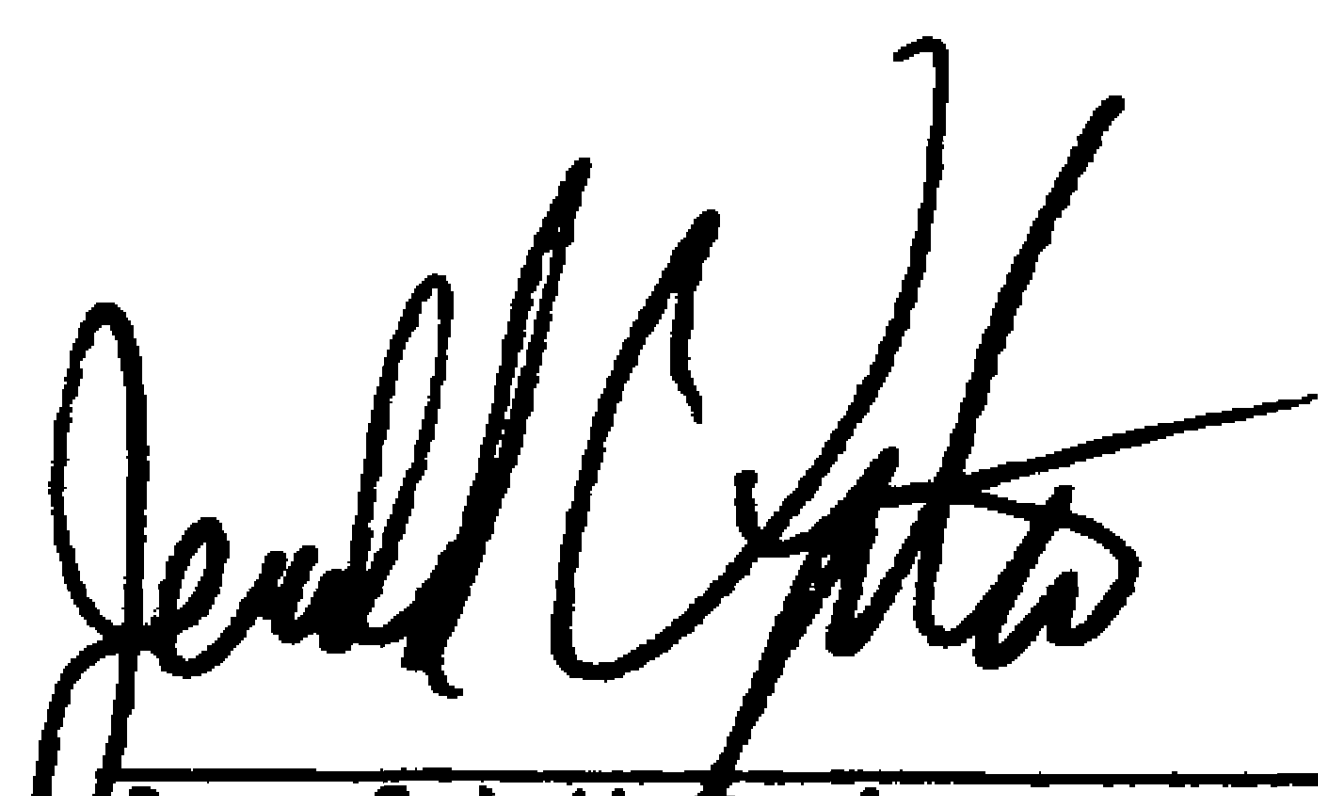
OVEREXPOSURES:

<u>Job Class</u>	<u>Exposure</u>	<u>Source</u>
Color Weigh Compounder	721.0* micrograms lead/m ³	Employee did regular job of color weighup. No specific cause has been made certain, although a shift in work habits is most suspect. Improved housekeeping and work practices are being re-emphasized at writing.
Color Weigh Compounder	120.8*, micrograms lead/m ³	Same as exposure of 721.0 micrograms lead/m ³ above.
Reactor Operator	4.1 ppm, VCM	Employee checked for VCM leak in the new unit (recovery system diverter valve found to be culprit).
Reactor Operator	6.2* ppm, VCM	Same as exposure of 4.1 ppm, VCM above.
General Mechanic	1.3 ppm, VCM	Employee overexposed while unplugging steam lines feeding steam tracers in the new unit recovery area.

OVEREXPOSURES - (CONTINUED)

<u>Job Class</u>	<u>Exposure</u>	<u>Source</u>
Maintenance Helper	1.4* ppm, VCM	Employee blanked out D-400 reactor in preparation for a seal change.
Maint. Supt. (I&E)	2.3 ppm, VCM	Employee supervised inspection of recovery compressor instrumentation during an intermittent VCM leak in the new unit.
General Mechanic	1.5 ppm, VCM	Employee pulled blanks in VCM lines and recovery lines in the old unit.

*Respiratory protection worn.



Jerald Uptain

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ABERDEEN CHEMICAL PLANT

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CHEMICAL DOSIMETRY TRENDS

%
PEL

VCM

Lead

Antimony

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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