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ABERDEEN CHEMICAL PLANT
ROUTINE CHEMICAL DOSIMETRY SUMMARY

MONTH OF: September, 1982

DATE OF REPORT: October 6, 1982

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	85	95.5	4	4.5
Lead	13	92.9	1	7.1
Antimony	0	-	0	-
Total Particulates	3	100	0	0

OVEREXPOSURES:

<u>Job Class</u>	<u>Exposure</u>	<u>Source</u>
Dry Blend Utility	37.0* Micorgrams Lead/M ³	Employee overexposed while helping a Line III Compounder charge a blender. He picked up a torn bag of lead stabilizer, causing an evolution of the material into the air.
Maintenance Helper	1.8*ppm VCM	Employee helped replace seals in a VCM charge pump in the new unit and changed a safety disc on 745 reactor.
Chief Operator	1.2ppm VCM	Employee unplugged VCM charge lines in the new module.
Chief Operator	11.7*ppm, VCM	Employee overexposed while replacing a leaking plug on 905 compressor in the new unit.
Reactor Operator	1.3ppm, VCM	Employee overexposed while trying to locate a leak, finding it in the recovery valve on D600 evacua- tion line.

* Respiratory protection worn.


Gerald Uptain

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ABERDEEN CHEMICAL PLANT

CHEMICAL DOSIMETRY TRENDS

% <
PEL

100

VCM

0

100

Lead

0

100

Antimony

0

100

Total
Particulates

0

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.
19 80												19 81												19 82											

ABERDEEN CHEMICAL PLANT
ROUTINE CHEMICAL DOSIMETRY SUMMARY

MONTH OF: November 1982

DATE OF REPORT: December 3, 1982

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	78	92.9	6	7.1
Lead	23	95.8	1	4.2
Antimony	0	-	0	-
Total Particulates	3	100.0	0	0

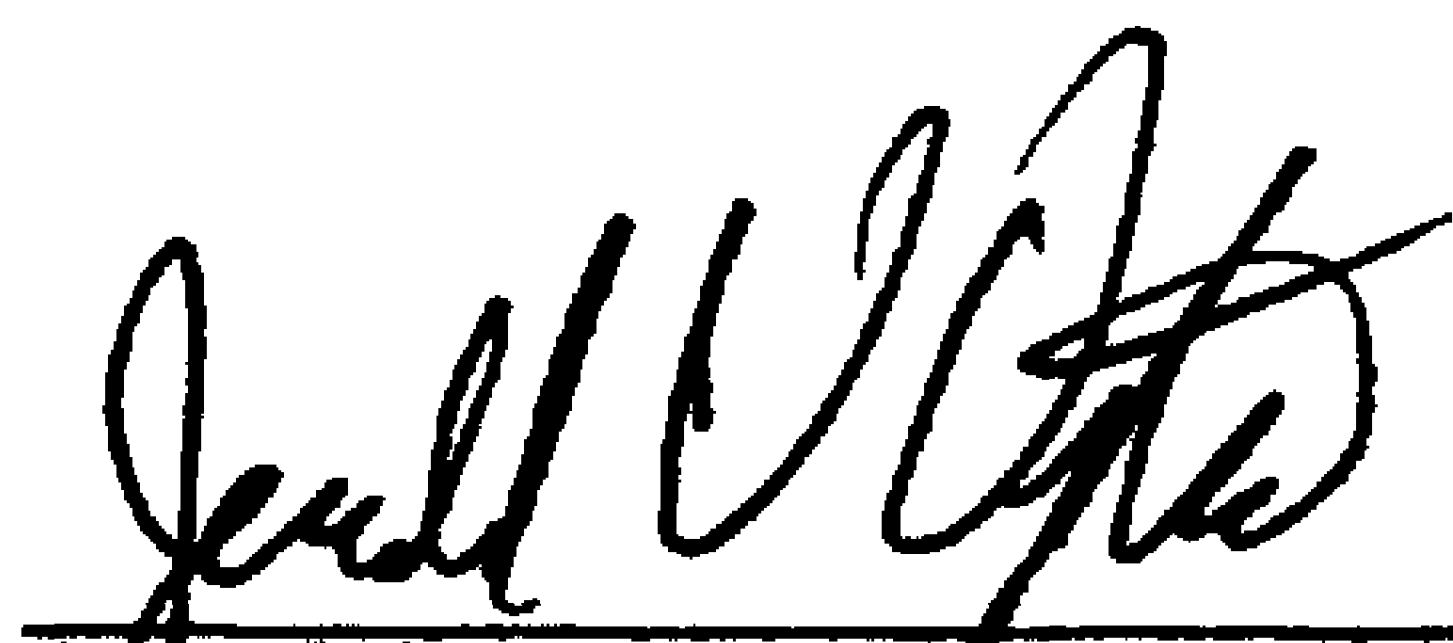
OVEREXPOSURES:

<u>Job Class</u>	<u>Exposure</u>	<u>Source</u>
Compounder	63.1* micrograms lead/m ³	Employee did regular job of charging blenders on Line III. No specific cause for the overexposure has been found. However, a suspicion exists that it may have occurred when the employee removed his coveralls causing dusting.
Chief Operator	1.5 ppm, VCM	Employee worked in vicinity of new unit blow tank during preparation for installing a sparge pipe. A leaking valve in the system gave trouble during the time.
Reactor Operator	1.8 ppm, VCM	Employee worked in old unit entire shift. No cause has been found for the overexposure. The employee and his fellow workers and supervisor have no recollection of anything that may have produced the overexposure.
Shift Supervisor	6.7 ppm, VCM	Same as Chief Operator having 1.5 ppm, VCM overexposure.

OVEREXPOSURES - (Continued)

<u>Job Class</u>	<u>Exposure</u>	<u>Source</u>
Reactor Operator	7.9* ppm, VCM	Employee changed VCM filter pack filters in the old unit.
General Mechanic	1.3* ppm, VCM	Employee installed blanks in a recovery line in the old unit.
General Mechanic	14.5* ppm, VCM	Same as General Mechanic over-exposure of 1.3 ppm, VCM.

*Respiratory protection worn.



Gerald Uptain

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ABERDEEN CHEMICAL PLANT

CHEMICAL DOSIMETRY TRENDS

%
PEL

100

VCM

0

100

Lead

0

100

Antimony

0

100

Total
Particulates

0

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.
19 80												19 81												19 82											