

ABERDEEN CHEMICAL PLANT
ROUTINE CHEMICAL DOSIMETRY SUMMARY

MONTH OF: January, 1983DATE OF REPORT: February 9, 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	98	92.5	8	7.5
Lead	4	100	0	0
Total Particulates	0	0	0	0

OVEREXPOSURES:

<u>Job Class</u>	<u>Exposure</u>	<u>Source</u>
Vinyl Shift Supervisor	1.0* ppm, VCM	Employee unplugged the blowdown tank transfer line from the old unit to the new unit.
Chief Operator	1.2* ppm, VCM	Employee worked near a leaking VCM pump discharge valve in the old unit - same source as that for the Reactor Operator exposure of 1.4 ppm (see below).
Vinyl Shift Supervisor	1.2* ppm, VCM	Employee checked VCM leaks in old unit.
Reactor Operator	1.4* ppm, VCM	Employee checked for VCM leak in old unit, finding the west VCM charge pump discharge valve stuck.
Reactor Operator	3.3* ppm, VCM	Employee manually drained the K.O. tanks and the blowdown tank in the new unit.

OVEREXPOSURES - (Continued)

<u>Job Class</u>	<u>Expsoure</u>	<u>Source</u>
Reactor Operator	3.5* ppm, VCM	Employee dumped two coarse batches (741 & 742 reactors) and sampled 743 and 745 reactors for coarseness.
Chief Operator	5.7* ppm, VCM	Employee isolated a vacuum pump having a blown seal.
Reactor Operator	20.1* ppm, VCM	Employee changed VCM filters in the new unit filter packs.

*Respiratory protection worn.


Gerald Uptain

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