

Interoffice Communication

To A. H. Sather ✓
 From J. V. Uptain
 Date December 11, 1978
 Subject VCM DOSIMETRY FOR NOVEMBER, 1978

Following are the results of VCM dosimetry during November, 1978. 67 regular samples were taken, 12 (18%) of which indicated overexposure.

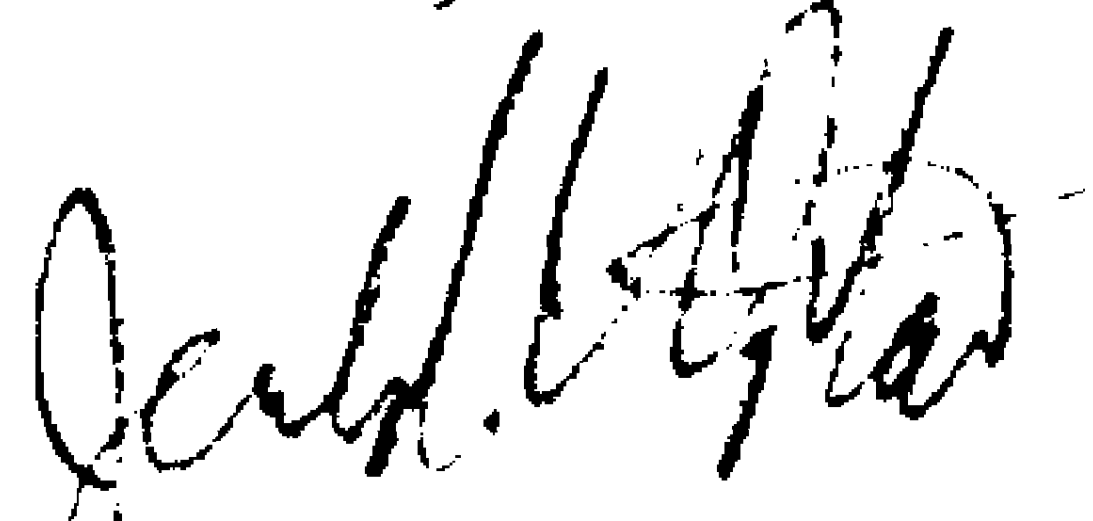
<u>Range, PPM</u>	<u>No. Samples</u>	<u>%</u>
0.0 - 0.5	52	77.61
0.5 - 1.0	3	4.48
1.0 - 5.0	10	14.93
5.0+	2	2.98
	<u>67</u>	<u>100.00</u>

Detailed results of the 12 overexposures are shown in the attached table. Knock-out tank work and VCM filter changing lead the list of known causes.

Only one set of reactor condenser cleaning samples was obtained this month, with results of:

Blanking - 1.1 ppm
 Brushing - 2.0 ppm

The two samples were taken while an eductor was in use and may indicate it is insufficient to preclude the need for respiratory protection. More samples are needed, as this may have been a "spurious" result.


 Jerald V. Uptain

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Attachments

c: Plant Manager, Department Heads
 D. A. Kuhn, J. J. Hall
 O. D. Steffey

TABLE I

VCM OVEREXPOSURES FOR NOVEMBER, 1978

<u>Date</u>	<u>Job Classification</u>	<u>8-Hour TWA Exposure, PPM</u>	<u>Cause</u>
11/4	Vinyl Operator	5.7*	Changing VCM filters, draining knockout tank.
11/13	Mechanical Superintendent	2.2	No specific cause found. Employee spent approximately 1-3/4 hours in Vinyl area.
11/15	Maintenance Mechanic	2.1*	Blanking knockout tank.
11/19	Vinyl Operator	1.1	Breaking slurry transfer lines.
11/19	Yard Operator	3.1*	Hooking/Unhooking VCM railcars.
11/20	Maintenance Mechanic	1.4	Changing reactor safety disc.
11/20	Maintenance Mechanic	18.2*	Removing blanks from knockout tank.
11/20	Maintenance Helper	2.8	Installing racks south of V-10.
11/21	Maintenance Mechanic	2.5	Installing racks south of V-10.
11/26	Vinyl Utility	4.0*	Changing VCM filters.
11/28	Yard Operator	3.1	No specific cause found.
11/29	Vinyl Chief Operator	1.2	Under investigation.

* Respiratory protection worn during overexposure.