



Interoffice Communication

To A. H. Sather
From J. V. Uptain
Date September 14, 1978
Subject VCM DOSIMETRY FOR AUGUST, 1978

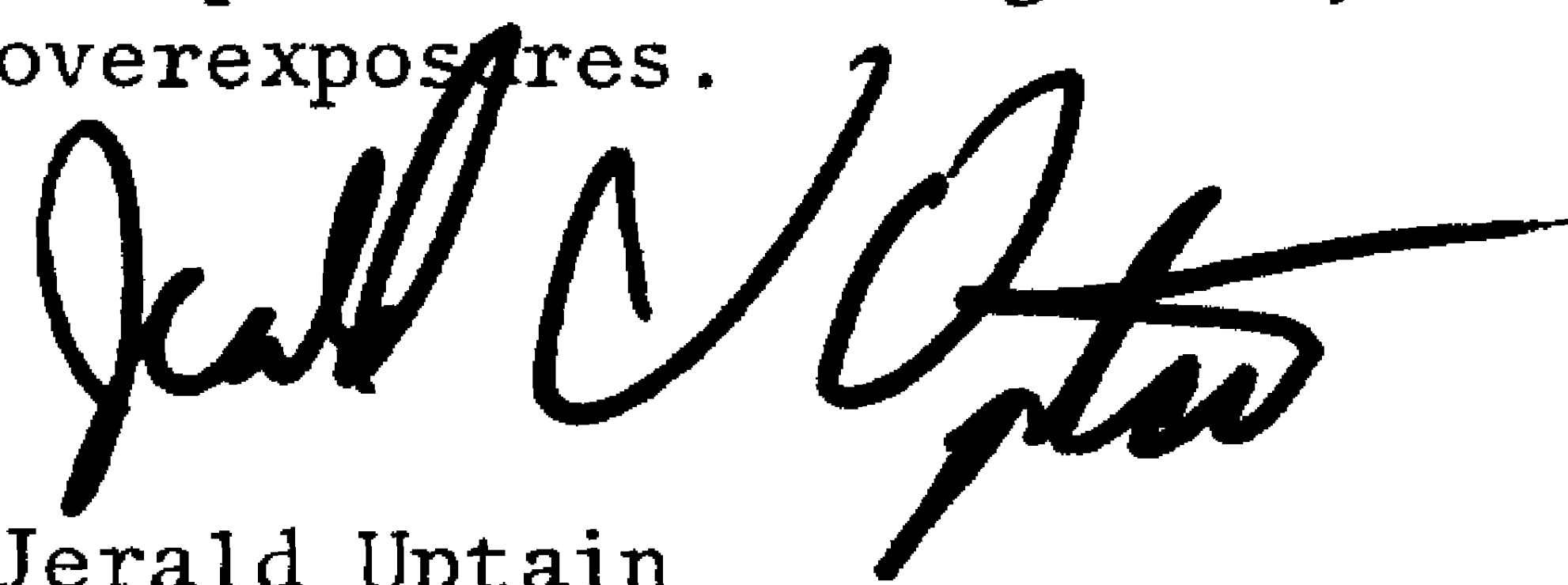
Below are the VCM dosimetry results for August, 1978. 72 samples were taken, 13 (18%) of which indicated overexposures.

<u>Range, PPM</u>	<u>No. Samples</u>	<u>%</u>
0.0 - 0.5	44	61.11
0.5 - 1.0	15	20.83
1.0 - 5.0	11	15.28
5.0+	2	2.78
	<u>72</u>	<u>100.00</u>

Detailed results of overexposures are shown on the attached table. As can be seen, two (2) tasks were found that appear to pose exposure hazards; i.e.; changing VCM filters and reactor condensor brushing. The former has been a respirator-required job, although the latter hasn't. The 3M disposable respirator is being considered for condensor brushing.

Only one overexposure was seen in the control room this month. Rerouting of fresh air ducting to the room is underway and is expected to be completed by the end of September.

In spite of investigation, no specific causes could be found for 3 of the 13 overexposures.


Jerald Uptain

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Attachments

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

TABLE I
VCM DOSIMETRY FOR AUGUST, 1978

<u>Date</u>	<u>Job Classification</u>	<u>8-Hr. TWA Exposure, PPM</u>	<u>Cause</u>
8/2	Maintenance Mechanic	1.1	Inexplicable; worked in main shop all day.
8/5	Vinyl Operator	1.0	No specific cause found.
8/6	Vinyl Shift Supervisor	2.1	Worked near leaking seal on VCM charge pump.
8/10	Maintenance Mechanic	6.9	Brushing reactor condensor.
8/13	Vinyl Utility	1.7	Changing VCM filters.
8/14	Yard Operator	1.0	Hooking/unhooking VCM railcar.
8/15	Maintenance Mechanic	6.7	Repairing valve on VCM Compressor.
8/19	Vinyl Operator	3.02	Changing VCM filters.
8/22	Maintenance Mechanic	2.78	No specific cause found.
8/24	Vinyl Utility	1.59	No specific cause found.
8/24	Maintenance Mechanic	3.07	Brushing reactor condensor.
8/25	Vinyl Operator	1.11	Cleaning up Sweco overflow.
8/29	Vinyl Lead Operator	1.56	Worked in vinyl control room all day.