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Interoffice Communication

To A. H. Sather
From J. V. Uptain
Date August 7, 1978
Subject VCM DOSIMETRY FOR JULY, 1978

Below are the results of VCM dosimetry for July, 1978. 66 samples were taken, 21 (31.8%) of which indicated overexposures.

<u>Range, PPM</u>	<u>No. Samples</u>	<u>%</u>
0.0 - 0.5	25	37.88
0.5 - 1.0	20	30.30
1.0 - 5.0	18	27.27
5.0+	3	4.55
	<u>66</u>	<u>100.00</u>

Detailed results of overexposures are shown on the attached table. As can be seen, several people overexposed were Vinyl Lead Operators, who spend their work period inside a control room. Their exposures are believed to be due to a combination of prevailing winds and certain leaks discovered in the older reactor area. Rerouting of an obsolete section of fresh air duct to the control room is planned.

The remainder of the overexposures occurred to people involved in higher risk vinyl area work, requiring respiratory protection.


Gerald Uptain

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Attachment
c: GGD, Department Heads, DAK, JJH, ODS

VAB.0001041349

TABLE I

VCM DOSIMETRY FOR JULY, 1978

<u>Date</u>	<u>Job Classification</u>	<u>8-Hr. TWA Exposure, PPM</u>	<u>Cause</u>
7/1	Vinyl Shift Supervisor	4.8	Bled off VCM Sphere Pump
7/2	Vinyl Utility	1.6	N/A*
7/7	Maintenance Mechanic	1.2	N/A
7/8	Vinyl Shift Supervisor	4.0	N/A
7/9	Vinyl Operator	1.1	N/A
7/11	Yard Supervisor	1.4	Writing permit to repair leak in VCM Tank Farm
7/14	Maintenance Mechanic	21.3	N/A
7/15	Vinyl Shift Supervisor	1.4	N/A
7/15	Vinyl Lead Operator	1.2	N/A
7/19	Vinyl Operator	50.2	N/A
7/20	Vinyl Lead Operator	1.0	N/A
7/20	Vinyl Lead Operator	1.1	N/A
7/21	Yard Operator	.17	N/A
7/21	Maintenance Mechanic	1.2	N/A
7/22	Vinyl Operator	88.4	N/A
7/22	Vinyl Lead Operator	3.8	N/A
7/23	Yard Operator	4.2	Hooking/unhooking VCM railcar
7/24	Maintenance Mechanic	1.1	N/A
7/25	Vinyl Lead Operator	1.5	N/A
7/27	Maintenance Mechanic	1.4	N/A
7/29	Vinyl Operator	1.0	N/A

* Specific cause not identified.