

Interoffice Communication

To A. H. Rother
From J. V. Uptain
Date November 21, 1978
Subject VCM DOSIMETRY FOR OCTOBER, 1978

filed

Following are the results of VCM dosimetry during October, 1978. 62 regular samples were taken, 9 (15%) of which indicated overexposure.

Range, PPM	No. Samples	Percentage
0.0 - 0.5	48	77.4%
0.5 - 1.0	4	6.4%
1.0 - 5.0	6	9.6%
5.0+	3	4.8%
	<u>62</u>	<u>100.0%</u>

Detailed results of the nine (9) overexposures are shown in the attached report. Note that four (4) of the nine (9) were directly attributable to the reactor condenser cleaning, a respirator-required task.

Reactor condenser cleaning exposures, identified in the attached report as significantly high, were further studied by taking samples during "blanking" work ("blanking" work) and condenser cleaning.

	Sample Results, PPM
<u>Blanking:</u>	1.3, 1.6, 1.7, 19.5*
<u>Brushing:</u>	0.2, 0.9, 7.9, 33.7*

* Overexposure level due to a VCM leak not related to the reactor condenser cleaning task.

At writing, the use of an eductor is being evaluated for the reactor condenser cleaning job. Results are encouraging and may permit cleaning without the use of respirators.

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Attachments
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