

KL3

To: T. G. Grumbles



From: J. V. Uptain
Date: February 3, 1988

VISTA

Interoffice
Communication

Subject: VCM EXPOSURE LEVELS

As you requested, a review of the Aberdeen Plant's VCM exposure records was made to determine exposure levels for employees not directly involved with VCM but who may handle or process resins or materials made from VCM. As a result, I am enclosing five tables extracted from as many statistical studies covering the period July 1, 1976, through December 31, 1981.

In comparing this older data with the more recent results shown below, please note that of the seventy-three samples taken in Compound ("Compound Supervisors" and "Compound Workers...") during the period July 1, 1976 through December 31, 1976, only two were above the "action level" of 0.5 ppm:

Dry Blend Compounder - 0.54 ppm

Compound Operator - 0.77 ppm

Similarly, for the six samples taken in Compound during the period March 1, 1977 through August 31, 1977, only one sample was above the action level:

Compound Shift Supervisor - 0.82 ppm

More recent results are tabulated below for the plant's current "yearly" dosimetry samples (see attached sampling frequency plan). This sample category includes jobs not normally directly exposed to VCM. Those jobs are:

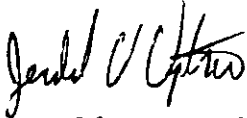
1. Lead Warehouse Worker
2. Lab Lead Technician
3. Lab Technician
4. Receiving Lead
5. Storekeeper
6. Compound Shift Supervisor
7. Compound Operations Supervisor
8. Compound Operations Superintendent
9. Chief Plant Chemist
10. Development Technician
11. Draftsman
12. Manufacturing Chemist

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Yearly Sampling

<u>Year</u>	<u>Total Number Samples</u>	<u>Number Samples > PEL (1 ppm)</u>
1983	20	0
Jan. - Sept., 1984	20	0
Fiscal 1985	18	0
Fiscal 1986	15	0
Fiscal 1987	20	0

I hope this provides you with the information you need. If not, please do not hesitate to call me.



Jerald V. Uptain
Safety Supervisor

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enclosures

cc: KLF