



Interoffice Communication

To DISTRIBUTION
From J. V. Uptain
Date October 11, 1979
Subject VCM DOSIMETRY DATA SYSTEM

I recommend that we begin using the card system during VCM dosimetry. We have been using it during lead dosimetry for several months and have found it to be superior to the current VCM system in several respects:

1. In the card system, when the employee picks up his dosimeter at the start of the work period, he is also given the "B" portion of the two-part sample card (see attached). He is required to complete the card, sign it, and return it, with the dosimeter, at the end of his work period. This accomplishes many things:
 - a. It gives the employee a reason to think about what he is doing by having him write it down. For example, he has to think about the worst hazards he deals with while it's "fresh on his mind."
 - b. It gives better information because it is recorded during the day the sample is taken. At present, we expect people to recall what happened several days (weeks?) after an overexposure. This is not always possible.
 - c. It gives better information because the card must be signed: most people hold their signature in respect ("If I sign that, I'm gonna make sure...").
 - d. It saves supervisory time now spent tracking down information on overexposures.
2. When an overexposure occurs, the employee is notified directly by use of the "Notice of Monitoring Result" card (see attached). It has several nice features:
 - a. A red tracer copy keeps the scheduler from having to run Xerox copies for the same purpose as is presently the case with VCM.
 - b. The information provided to the employee is more to the point, more complete (compare it with the "A" card), and does not require him to remember events he has forgotten (as noted above).
 - c. It is "unique," being easily seen among the common clutter of paper and easy to handle because of its size.

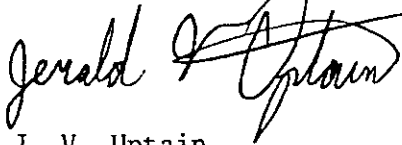
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3. There is always a risk of losing the single schedule sheet presently used with VCM. Loss of a card (one sample) is less serious.

There are probably other benefits I've overlooked, but those noted are enough for me to say "let's try it!"

If you agree, we can begin immediately.



J. V. Uptain

jf

c: CLM, CRM, RBM, AHS, SJV