

1 question, yes. And the answer is it is understood
2 that it is unusual for there always to be a constant
3 exposure in almost any environment.

4 If there is a disturbing circumstance where
5 there will be increased levels at one time, there may
6 be some other times when the levels aren't as high, so
7 over the years, and that has evolved over many, many
8 years, the concept of let's measure the most probable
9 average concentration and consider that as the goal to
10 shoot for, so that there may be some periods of time
11 when the concentration is higher, and other periods of
12 time when the concentration is lower, such that the
13 average will represent the desired level with certain
14 excursions above, as long as there is equivalent
15 excursions below.

16 Q Let me ask you this: As a toxicologist and
17 industrial hygienist, do you believe that the
18 differences between the time-weighted average
19 measurements and the peak measurements are important?

20 A Certainly. In certain circumstances they
21 are both very important.