

1           It is an average concentration over a  
2   workday. There can be peaks and valleys in the  
3   exposure, but the idea is to try to maintain that  
4   average at some value.

5           The time weighted part comes in like this.

6           If you collect a number of samples over a  
7   workday and some samples are longer in duration than  
8   others, for example, if one sample is half hour and  
9   another sample is an hour, you would give more weight  
10   in the weighting process to the longer sample, so it  
11   is a process of coming up with this average  
12   concentration over a workday.

13          Q     So from 1946 until -- I guess you said it  
14   was 1968 that the notice of intent to change the TLV  
15   was published, but it wasn't actually changed until  
16   '70 or '71; is that right?

17          A     The notice of intent stayed on the books, of  
18   course, this one usually was two years, and I think it  
19   was a little over two years for this one.

20          Q     So in that time period if a worker had a  
21   peak exposure that was in excess of the five million