

1 thing, and more clearly shows in this case the air
2 samplers collected on both sides of the breathing
3 zone.

4 This is the respirator the gentleman has and
5 there is one of the pumps, little tubes that go up his
6 back, that are pulling the air from this area through
7 the filter, and then down and exhausted through the
8 pump.

9 Q This is a fiber as you would see it under
10 the transmission electron microscope. It is magnified
11 probably up on the screen here, probably 100,000
12 times.

13 Generally when we are looking at it in a
14 microscope, it would be the 20,000 times that I
15 referred to before.

16 A couple of interesting things -- I didn't
17 get the micron marker, but approximately this distance
18 from here to here is about five micrometers. So we
19 have here a fiber longer than five micrometers, but it
20 is quite thin, and this fiber would not be seen by the
21 light microscope technique.