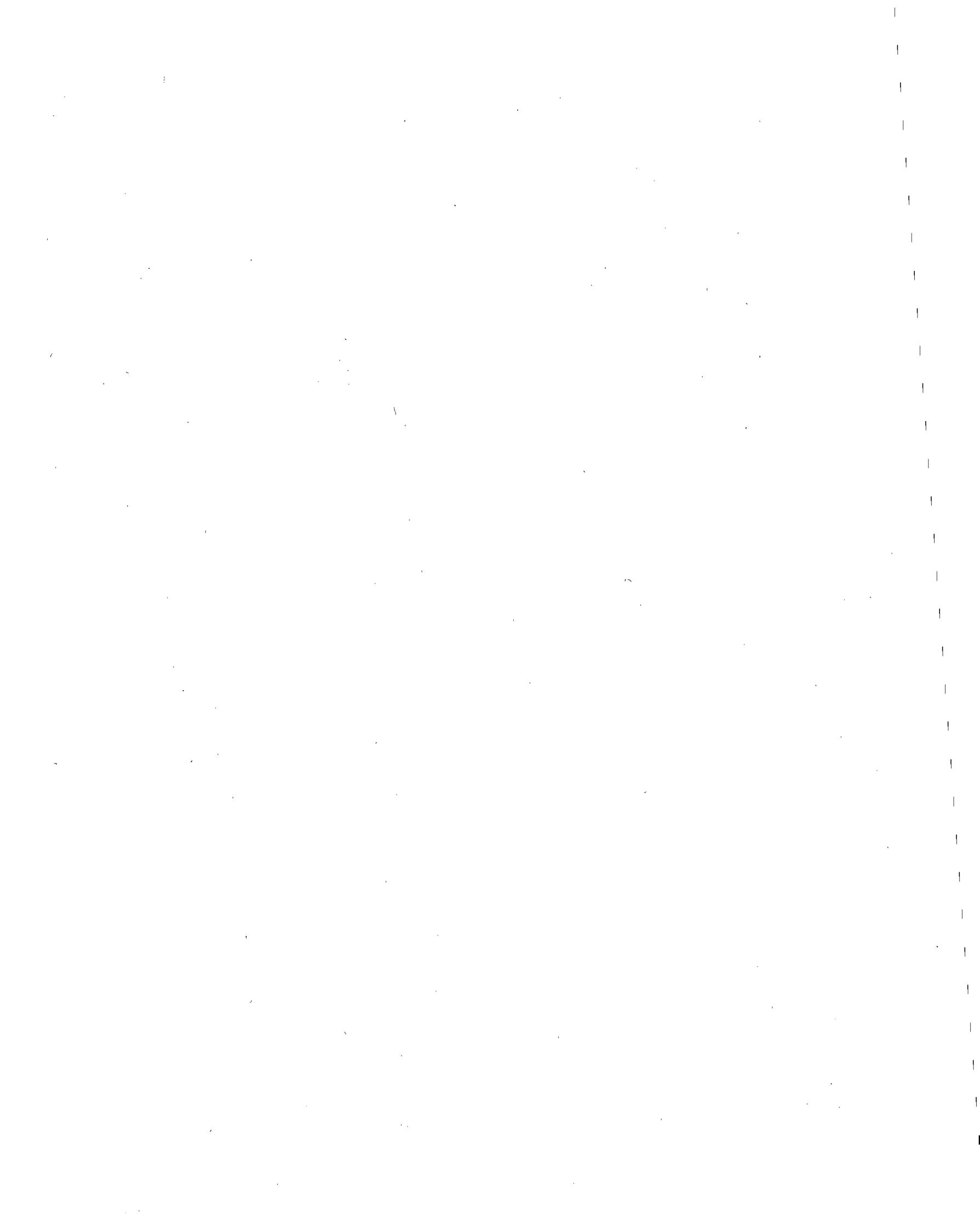


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16. Abstract (Limit: 200 words)				
<p>Asbestos sampling was performed at the Taft Engineering Center on February 19, 1974. The calculated time-weighted average exposure was well below National Institute for Occupational Safety and Health (NIOSH) criteria for a recommended standard. The present U.S. Dept. of Labor (DOL) standard for asbestos exposure, adopted from NIOSH criteria, for an 8-hour time-weighted average exposure is 5 fibers, longer than 5 micrometers, per cubic centimeter of air. It is important to note that effective July 1, 1976, the DOL standard will be lowered from 5 to 2 fibers per cubic centimeter of air.</p>				
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74-000-035

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Environmental Protection Agency  
Taft Center, Cincinnati, Ohio  
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Senior Sanitary Engineer

PLow 74-35  
February 25, 1974

Asbestos sampling results re investigation of February 19, 1974 at the Taft Engineering Center.

In written confirmation of our discussion of Thursday, February 21, 1974, attached are the results of the asbestos samples which we collected on the a.m. of Tuesday, February 19, 1974. As you will note, the calculated time-weighted average exposures are well below National Institute for Occupational Safety and Health (NIOSH) criteria for a recommended standard. The present U. S. Department of Labor (DOL) standard for asbestos exposure, adopted from NIOSH criteria, for an 8-hour time-weighted average exposure is 5 fibers, longer than 5 micrometers, per cubic centimeter of air. It is important to note that effective July 1, 1976, the DOL standard will be lowered from 5 to 2 fibers per cubic centimeter of air.

Although we examined and discussed the work-practices techniques of the contractor quite intently, the only recommendation that I feel we would be justified in making would be directed towards the respirator worn by Steve Miller. He should be using a respirator more appropriate for asbestos exposures. Also, it is important that any respirator be subjected to a proper maintenance program.

If you should have questions on any portion of this communique, please give me a call.

**RESULTS OF ASBESTOS SAMPLING  
CONDUCTED AT THE TAFT ENGINEERING CENTER  
FEBRUARY 19, 1974**

Sample No.	Sample Type	Time	Concentration*	Eight-hour Time-weighted Average Exposure*
1	Personal sample - worn by Steve Miller	9:05 - 10:18	.2	.1
2	Area sample - on stepladder used by Steve Miller	9:06 - 10:18	<.1	<.1
3	Personal sample - worn by observer	9:05 - 10:18	<.1	<.1
4	Personal sample - worn by observer	9:05 - 10:18	<.1	<.1
1972 NIOSH criteria				2.0
1972 DOL standard				5.0

\* These numbers represent concentrations in fibers, longer than 5 micrometers, per cubic centimeter of air.