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7. Author(s) T. Anania		6.	
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15. Supplementary Notes

16. Abstract (Limit: 200 words)

A visit was made to Mr. Ronald Williams' office on October 5 and 6, 1976. Atmospheric sampling for asbestos was conducted in Mr. Williams' office, the secretary's office, and an adjoining office next to the secretary. A total of eight general samples were taken. In addition, a bulk sample from the ventilation ducts were obtained for analysis. These samples were sent to the Salt Lake Laboratory for analysis.

All area samples were recorded as less than 0.01 asbestos fibers per cubic centimeter of air greater than five microns in length (u/cc). The bulk samples showed no concentration of asbestos. The existing standard for asbestos exposure is 2.0 fibers per cubic centimeter of air and greater than 5 microns in length. However, the NIOSH recommendation is 0.5 fibers/cc. In either case the occupants of the facility are in no danger of contacting cancer due to asbestos exposure.

17. Document Analysis a. Descriptors

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b. Identifiers/Open-Ended Terms

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76-000-103

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MEMORANDUM

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
CENTER FOR DISEASE CONTROL
NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH

TO : Director
Division of Surveillance, Hazard Evaluations and Field Studies
Thru: Chief, Hazard Evaluations and Technical Assistance Branch, DSHEFS
Thru: Chief, Industrial Hygiene Section

DATE: November 5, 1976

FROM : Industrial Hygienist
IHS, HETAB

SUBJECT: SHEFS 1 REPORT: HETAB Project TA 76-103

I. INTRODUCTION

In August of 1976, Mr. Ronald Williams, Attorney at Law, with offices located at 105 Law Building Charlotte, North Carolina submitted a letter request for technical assistance to NIOSH regarding possible asbestos exposure. The possible exposure were thought to originate in the ventilation system.

After Mr. Williams attended an asbestos seminar in Atlanta, Georgia he became concerned with the possibility of asbestos and cancer in his building. The person occupying the office prior to Mr. William had died of cancer as did other occupants of the building. This concerned Mr. William since the building is rather old and the possibility of asbestos in the ventilation system could exist.

II. FINDINGS TO DATE

A visit was made to the facility on October 5 and 6, 1976. Atmospheric sampling for asbestos was conducted in Mr. Williams office, the Secretary's office and an adjoining office next to the secretary. A total of eight general area samples were taken. In addition a bulk sample from the ventilation ducts were obtained for analysis. These samples were sent to the Salt Lake Laboratory (Seq. #731) for analysis.

All area samples were recorded as less than 0.01 asbestos fibers per cubic centimeter of air greater than five microns in length (μ /cc). The bulk samples showed no concentration of asbestos. (See attached summary data sheet).

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The existing standard for asbestos exposure is 2.0 fibers per cubic centimeter of air and greater than five microns in length. However, the NIOSH recommendation is 0.5 fibers/cc. In either case the occupants of the facility are in no danger of contracting cancer due to asbestos exposure.

III. FUTURE ACTIONS

No future actions or recommendations are planned at this facility.

Thomas Anania

cc: Director, NIOSH
Mr. Ronald Williams

Summary of Asbestos Sampling
105 Law Building
Charlotte, N.C.

Sampling Rate - 1.7 lpm*

<u>Sample No.</u>	<u>Sample Location</u>	<u>Volume/liters</u>	<u>Concentration Asbestos/fibers/cc</u>
RW-1	Office above bookcase	357	< 0.01
RW-2	Office by window	357	< 0.01
RW-3	Secretarys' office	357	< 0.01
RW-4	Insurance office	357	< 0.01
RW-5	Office above bookcase	357	< 0.01
RW-6	Office by window	357	< 0.01
RW-7	Secretarys' office	357	< 0.01
RW-8	Insurance office	357	< 0.01
RW-F	Bulk sample of air filter	0.0	
RW-B	Bulk sample of air duct material	0.0	

*liters of air per minute

