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<p>The results of the air sampling for asbestos fibers conducted in the JFK Federal Building on May 13, 1976 are shown on Table 1. These sample results show air concentrations of fibers well below the U.S. Dept. of Labor standard which was effective July 1, 1976. These samples were collected on 37 millimeter diameter membrane filters of 0.8 micron pore size mounted in 3 piece cassettes. Personal sampling pumps provided airflows of 2 liters per minute through open face filters. At the NIOSH Salt Lake City laboratory the fiber concentrations were determined by phase contrast microscope at 400 magnification.</p> <p>The results of asbestos analyses upon bulk samples taken from the structural steel supports are given in Table 2. It should be noted that these results are approximate, which in this instance should be adequate. ←</p>					
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76-000-043

June 25, 1976
TA 76-43

Mr. David R. Walker
Chief, Accident and Fire Prevention Branch
Buildings Management Division
General Services Administration
John W. McCormack Post Office and Court House
Boston, Massachusetts 02109

Dear Mr. Walker:

The results of the air sampling for asbestos fibers conducted in the J.F.K. Federal Building on May 13, 1976 are shown on Table 1. These sample results show air concentrations of fibers well below the U.S. Department of Labor standard which will become effective on July 1, 1976. These samples were collected on 37 millimeter diameter membrane filters of 0.8 micron pore size mounted in 3 piece cassettes. Personal sampling pumps provided airflows of 2 liters per minute through open face filters. At the NIOSH Salt Lake City laboratory the fiber concentrations were determined by phase contrast microscope at 400 magnification. A detailed report of the sampling and analytical technique is available should you desire a copy.

The results of asbestos analyses upon bulk samples taken from the structural steel supports are given in Table 2. It should be noted that these results are approximate, which for this instance, should be adequate. Apparently asbestos was used throughout the entire building and not only up to the fourteenth floor as was suggested during the time of our survey.

It was a pleasure to work with Mr. Paul Breen of your staff and Messrs. Malcolm R. Bethune and Thomas Garside of G.S.A. at the J.F.K. Building and it is hoped that these results are of value to you. If we can be of assistance in some other manner or if you should have any questions, please do not hesitate to contact us.

Sincerely yours,

cc: Malcolm R. Bethune
cc: K. Kronoveter
IHS File
KKRONOVETER/pd: Rm 508, POB, Cinti, Ohio
cc: TA 76-43 / 6-25-76

Kenneth J. Kronoveter
Senior Sanitary Engineer
Hazard Evaluation and Technical
Assistance Branch

TABLE 1

RESULTS OF AIR SAMPLING TO DETERMINE AIRBORNE ASBESTOS CONCENTRATIONS
 IN THE JFK BUILDING, BOSTON, MASSACHUSETTS
 MAY 13, 1976

<u>Time</u>	<u>Room</u>	<u>Sampler Location</u>	<u>Fiber* Concentration</u>
9:26 - 12:30	E131	Desk	Less than 0.01
1:10 - 4:04	E427	File cabinet	"
9:33 - 12:37	312	Table	"
9:36 - 12:40	409C	Table	"
9:38 - 12:34	506C	Desk	"
9:45 - 12:37	607R	Desk	"
9:50 - 12:41	700B	Desk	"
12:50 - 3:55	1101	Table	"
1:00 - 3:57	1305	Table	"
12:47 - 3:55	1503-A	File cabinet	"
12:54 - 4:08	1903	Credenza	"
12:59 - 4:11	2407	Cabinet	"

Effective July 1, 1976 the U.S. Department of Labor standard for asbestos will be 2 fibers, longer than 5 microns in length, per cubic centimeter of air.

*Fiber concentrations are in number of fibers, longer than 5 microns in length, per cubic centimeter of air.

TABLE 2

RESULTS OF BULK SAMPLE ANALYSES FOR ASBESTOS.
SAMPLES WERE TAKEN FROM THE STRUCTURAL STEEL SUPPORTS IN THE
J.F.K. BUILDING, BOSTON, MASSACHUSETTS
MAY 13, 1976

<u>Sample Location</u> <u>(Room No.)</u>	<u>Analysis Result</u> <u>(Percent Asbestos)*</u>
409 C	15
700 B	15
1503	20
1903	20
2407	20

*Approximate percentage determined by a light-field microscopic technique.

