APPENDIX

VOLUME I (Pages 1-201)

DEPOSITION OF JOHN W. KILTY

IN THE

UNITED STATES COURT OF APPEALS
FOR THE DISTRICT OF COLUMBIA

No. 82-1072

HAROLD WEISBERG,

Plaintiff-Appellant

V.

U.S. DEPARTMENT OF JUSTICE, ET AL.,

Defendants-Appellees

On Appeal from the United States District Court for the District of Columbia, Hon. John H. Pratt, Judge

James H. Lesar 1000 Wilson Blvd., Suite 900 Arlington, Va. 22209 Phone: 276-0404

Counsel for Appellant

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CAUSE

FREEDOM OF INFORMATION ACT - COMPEL DEFTS. TO DISCLOSE CERTAIN RECORDS.

(5 USC 552)

ATTORNEYS

James Hiram Lesar
1231 Fourth St., S.H.
Washington, D.G. -- 20024
Tole: 484-5023 -- 2101 L St., N.W. #203
223-9987 - or 755-1636
1000 Wilson Blvd, Suite 900
Arlington, VA 22209
(703) 276-0404

- Michael J. Ryan Asst. U.S. Atty.
- 2. -do-

William G. Cole U.S. Department of Justice Civil Division (20530)

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DATE.	NR.	PROCEEDINGS
975 Fe	19	COMPLAINT; Appearance; Exhibits A-F. /
Feb.	19	SUMMONS copies (4) and copies (4) of complaint issued. (#2 Ser. 3-4-75) (U.S. Atty. Ser.2-19-75)(A.G. & Deft.#1 Ser.2-20)
Feb.	25	SUBMISSION of pltf. of corrected copy of Exhibit F to complaint. 3
Mar.	21	MOTION of defts. for an extension of ten days within which to answer or otherwise respond to the commplaint; P&A c/m 3-21-75. #
Mar	25	ORDER granting motion of deft for extension of time to respond 5 to complaint to 3-31-75. (N) PRATT, J.
Apr	8	STIPULATION extending time for deft. to respond to complaint to 6 Apr 4, 1975; approved Apr 7, 1975. (fiat) (N) Pratt, J.
May	2	INTERROGATORIES (First Set) by pltf. to deft. #1; c/s 5-2-75. 7
May	2	INTERROGATORIES (First Set) by pltf. to deft. #2; c/s 5-2-75. 8
May May	2 2 21	STATUS Call: (Rep-R.Mattson) Pratt, J. 9 CALENDAR call certification (2) for defts. STATUS Call: (Rep-R.Mattson) Pratt, J.
Jun	2	TRANSCRIPT of Proceedings, May 2, 1975; pages 1 thru 13; Rep- 10 R.Mattson; Court's Copy.
Jun	2	TRANSCRIPT of Proceedings, May 21, 1975; pages 1 thru 23; Rep- // R.Mattson, Court's Copy.
Jun	3	MOTION of pltf. to strike affidavit of John W. Kilty; P&A Affidavit; Attachments A-H; c/m 6-3-75.
Jun.	12	MOTION of pltf. to compel answers to interrogatories; P&A c/m 6-11-79
Jun.	12	MOTION of pltf. for the production of documents by United States H. Department of Justice; P&A c/m 6-11-75.
Jun.	12	MOTION of pltf. for the production of documents by U.S. Energy Research and Development Administration; P&A c/m 6-11-75.15
Jun.	12	MOTION of pltf. to postpone Calendar Call and stayall further 16 proceedings; P&A Attachment; c/m 6-11-75.
Jun.	18	OPPOSITION of defts. to pltf's motions to strike, to compel answers 17 to interrogatories, for production of documents, and response to motion to postpone calendar call and stay all further proceedings: Exhibits 1*2; c/s 6-18-75.
		see next page.

IVIL DOCKET	CONTIN	JUATION SHEET
PLAINTIFF	WEIS	DEFENDANT U.S. DEPT. OF JUSTICE, etal DOCKET NO. 75-0226 PAGE 1 OF PAGE
DATE	NR.	PROCEEDINGS .
1975 June	30.	MOTION of defts. to dismiss; P&A's; exhibit #3; c/s 6-30-75. 18
July	10	OPPOSITION by pltf. to defts. motion to dismiss; affidavit of Harol Weisberg; exhibit A,B,C,D; fourth affidavit of Harold Weisberg attachment; c/s 7-10.
√ āuly	15	MOTION of deft. to dismiss complaint, argued and granted. Reporter: Richard Mattson PRATT, J.
Jul	15	ORDER granting motion of defts. to dismiss and dismissing case as moot. (N) PRATT, J.
July	24	TRANSCRIPT of proceedings of July 15, 1975; Pages 1 - 20; Court 2 Copy; Rep. Richard Mattson.
Sept	8	NOTICE of appeal by pltff. from order of July 15, 1975; \$5.00 paid and credited to the U.S.; copy sent to Michael J. Ryan.
Oct	21	RECORD on Appeal delivered USCA; receipt acknowledged (USCA 75-202)
1976 July	28	CERTIFIED copy Judgment USCA remanding case to the District Court for further proceedings under the Freedom of Information Act not inconsistent with the attached opinion; opinion.
✓ July	28	STATUS CALL: Continued for further discovery; status call set for 10-1-76 at 11:00 A.M. (Rep: Dennis Bossard) PRATT, J.
Aug	09	INTERROGATORIES (first set) by pltf. to deft. #1; c/m 8-9-76. 24
Aug	09	INTERROGATORIES (first set) by pltf. to deft. #2; c/m 8-9-76. 25
Aug	12	REQUEST of pltff. to deft. #1 for production of documents; 26 c/m 8-12-76.
Aug	12	REQUEST of pltff. to deft. #2 for production of documents; 27 c/m 8-12-76.
Aug	16	TRANSMITTAL Sheet from USCA returning to USDC the original record with 3 volumes of transcript.
Oct	01	STATUS CALL: (Rep: Dennis Bossard) PRATT, J.
Oct	01	RESPONSE of deft. #2 to request for production of documents; 29 exhibits D,E,B & A; c/s 10-1-76.
		SEE OVER

DC-111A (Re., 1.

LAINTIFF		DEFENDANT 75-226
AROLD	WEIS	DEFENDANT U.S. DEPARTMENT OF JUSTICE, et al. DOCKET NO. 75-226 PAGE 2 OF PAGES
DATE	NR.	PROCEEDINGS
976 Oct	01	ANSWERS of deft. #2 to interrogatories (first set) by pltf.; 30 attachments (3); c/s 10-1-76.
Oct	28	ANSWERS of deft. #1 to:interrogatories (first set) by pltf.; 3/c/s 10-28-76.
Oct	28	RESPONSE of deft. #1 to request of pltf. for production of 32 documents; attachments (3); c/s 10-28-76.
/oct	29	STATUS CALL: (Rep: Dennis Bossard) PRATT, J.
Nov	30	MOTION by pltf. for order compelling FBI Director Clarence Kelley to provide addresses of witnesses; P&A's; exhibit 1; 33 c/m ll-30-76.
1977 Feb	11	NOTICE by pltf. to take depositions of John F. Gallagher, Robert A. Frazier, Cortlandt Cunningham, Lyndal L. Shaneyfelt; c/m 2-11-77
Mar	22	NOTICE by pltf. to take deposition of John F. Gallagher & Lyndal L. Shaneyfelt; c/m 3-22-77.
Mar	25	MOTION by Archivist of the United States to quash subpoena, in part, and for a protective order; P&A's; affidavit of Steven Garfinkel exhibits A & B; c/s 3-25-77.
Mar	30 \$	TATUS CALL: Deft. to file dispositive motion with Vaughn vs. Rosen affidavit by 5-2-77; pltf. allowed 10-days to file opposition. (Rep: Dennis Bossard) PRATT, J.
Apr	13	DEPOSITION of Robert A. Frazier taken on February 24, 1977: 38A
Apr	19	NOTICE by pltf. to take deposition of Mr. John W. Kilty & Mr. Harold Weisberg; c/m 4-19-77.
Apr	25	MOTION by defts. to quash and for a protective order; memorandum of PSA's; c/m 4-22-77.
apr	26	ORDER filed 4-25-77 granting motion of deft. to quash & for 39 protective order, deposition of John W. Kilty not to be taken in this proceedings. (N) PRATT, J.
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		CONTINUATION	484
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F	DEFENDANT .
WEISE	U.S. DEPT. OF JUSTICE, et al. page 3 of pages
NR.	PROCEEDINGS .
02	TRANSCRIPT of Proceedings of March 30, 1977; pp. 1-15; Rep: Dennis K. Bossard (CCURT COPY).
12	DEPOSITION of Lyndall L. Shaneyfelt taken on March 28, 1977 for 40 the pltf.
19	DEPOSITION of Cortlandt Cunningham taken or February 24, 1977 for 4 the pltf.
10	DEPOSITION of John F. Gallagher taken on March 28, 1977 for the 42 pltf.; exhibits 1-6.
27	MOTION by defts. for summary judgment; statement of material facts; P&A's; c/m 6-27-77.
11	STIPULATION extending time to and including 7-30-77 for pltff. to 4 file opposition to defts' motion for summary judgment. APPROVED. (FIAT) (N) Richey, J.
23	MOTION by pltf. for leave to file opposition to motion for summary judgment, time having expired; P & A; c/s 8-23-77.
23	ORDER granting pltf's: motion for leave to file opposition, time having expired. (N) PRATT, J. #
23	OPPOSITION by plaintiff to defts.' motion for summary judgment; # attachments (2); Affidavit of Harold Weisberg w/Exhibits(17) Affidavit of James T. Tague w/Exhibits A thru L; c/s 8-23-77.
06	MEMORANDUM Opinion filed 10-5-77. (N) PRATT,J. 48
06	ORDER filed 10-5-77 granting motion of pltf. for leave to file 49 opposition out of time and granting motion of deft. for summary judgment. (N) PRATT, J.
17	MOTION by pltf. for reconsideration pursuant to Rules 52 & 59; PM' affidavit of Harold Weisberg; exhibits 1,2,3,3A,4, & 5 thru 11: c/s 10-17-77.
27	OPPOSITION of defts. to motion of pltf. for reconsideration; 57 c/m 10-27-77. SEE OVER
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PLAINTIFF

DEFENDANT

DOCKET NO. 75-0226

HAROLD WEISBERG

U.S. DEPARTMENT OF JUSTICE, et al.

PAGE 4 OF PAGES

		et al.
DATE	NR.	PROCEEDINGS
1977 Nov	02	ORDER filed 10-31-77 denying motion of pltf. pursuant to Rules 52(b) and 59 of the FRCP for reconsideration of order granting motion of deft. for summary judgment. (N) PRATT, J. 52
Nov	08	SUPPLEMENT by pltf. to motion for reconsideration; exhibits 1 thru 1 c/m 11-8-77.
Dec	30	NOTICE of Appeal by pltf. from Order of Oct 31, 1977. Copy mailed to Michael J. Ryan. \$5.00paid & credited to U.S. by 54 James Hiram Lesar.
1978 Feb	03	RECORD on Appeal delivered USCA; receipt acknowledged (#78-1107).
1980 Apr	30	CHANGE of address for James H. Lesar, counsel for pltff. CAL/N. 55
Jun	9	CERTIFIED copy of judgment from USCA dated 4-28-80 reversing the judgment and remanding case to the District Court; opinion.
Cin	9	BILL OF COSTS as taxed by Clerk of Court of Appeals; taxed against appellee, 5; in the amount of \$693.81.
Jul.	24	REQUEST by pltf. for production of documents. 58
Aug	4	TRANSMITTAL letter from USCA returning 2 volumes orig record; 4 volumes of transcripts; 4 depositions; 1 brown folder of attachments.
Aug	6	NOTICE of pltf of filing; attachment 1 and 2. 60
Aug	20	MOTION of defts for extension of time to respond to request for 6/ production of documents.
Sep	5	ORDER filed 9-5-80 granting deft's motion for an extension of 62 time until 9-26-80 to respond to pltf's request for production of documents. (N) PRATT, J.
Sep Nov	29 12	RESPONSE of defts to pltf's request for production fo documents. 63 MOTION of pltf to compel deft U.S. Dept of Justice to produce copis of discovery records without cost to pltf; or, alternatively, for an order recuiring said deft to deliver said discovery records to pltf's place of business; memo of P&A's; attachment 1; affidavit of Harold Weisberg; affidavit of James H. Lesar w/exhibits 1, 2, and 3.
Dec	5	MEMO OF F&A'S of dofts in opposition to pltf's motion to compel 6:

DEFENDANT

		SEARCH STREET, SEARCH S	NTINUATION SHEET	FP1-MAR-7-14-80-704-4	
PLAINTIF		DEFENDAN		DOCKET NO. 75-226	
HAR.OLD	WEIS	BERG U.S. D	EPT OF JUSTICE, et al		
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		1		PAGE 5 OF PAGE	
1 980	NR.	PROCEEDINGS			
Dec	15	REPLY of pltf to defts' men motion to compel; attach		position to pltf'	
Dec	24	MOTION of pltf to compel d spectrographic plates to	eft U.S. Dept of Justic ptlf; memo of P&A's; e	e to release 67 xhibit l.	
1981					
Jan	8	MEMORANDUM of deft in resp release of spectrographi	onse to pltf s motion t c plates; attachment.	o compel the 68	
Jan	8	CRDER filed 1-7-81 directing able for pltf's inspection those documents pltf wish promptly make available to documents responsive to head of the companion of t	on and after inspection nes to have copied; dire to pltf without charge of	pltf to designat ecting defts to copies of all	
Feb	3	REPLY of pltf to defts' mem the release of spectrogr Harold Weisberg w/ attac	aphic plates; exhibit 1		
Mar	6	STATUS CALL: parties to to the intervention of the 0 9:30 a.m. (Rep: V. Mar:	Court; further status ca		
Mar	6	ORDER denying pltf's motion plates without prejudice		of spectographic PRATT, J.	
Apr	6	INTERROGATORIES of pltf to	the deft. 72		
Apr	- 6	MOTION of pltf to compel; mw/attachments.	nemo of P&A's; affidavit	of James H. Les	
Apr	22	P&A'S of defts in opposition	n to pltf's motion to c	ompel. 74	
May	7	RESPONSE of deft to pltf's	interrogatories; exhib	its A, B, and C.;	
May	26	NOTICE of pltf to take the Kilty.	deposition of FBI Spec	ial Agent John W	
Jun	3	MOTION of pltf for an order memo of P&A's; exhibit (n	designating Frederick, otice to take depositio	Maryland as placen).	
/Jun	5	STATUS CALL: Motion to comp taken in Frederick, MD on to be filed within 30 day days. (Rep: V.	6-15-81; motions for s s thereafter with repli	ummary judgment	
.Jun	5	NOTICE of pltf to take the Kilty in Frederick Maryla		al Agent John W.	
1		SEE NEXT	PAGE	7	

		CIVIL	DOCKET CONTINUATION SHEET	FPI-MAR-7-14-80-70M-435
PLAINTIFF	f. 740 T	CREDC	DEFENDANT	75-226
HAROLD	WEI	SBERG	U.S. DEPT OF JUSTICE, et al	PAGE 6_OFPAGES
1981TE	NR.		PROCEEDINGS	
Jul 2		DEPOSITION of John exhibit 1 thru	W. Kilty taken 6-19-81 on beha	lf of pltf; 79
Jul 6		MOTION of pltf for dispositive moti w/exhibit 1.	extension of time within which on; memo of P&A's; affidavit of	to file a 80 Harold Weisberg
Jul 6		NOTICE of pltf to t	ake the deposition of Mr. Harol	d Weisberg. 81
Jul 8		ORDER extending tim	e to and including 8-19-81 for ms. (N) PR	pltf to file 82 ATT, J.
Jul 14		NOTICE of pltf to v	withdraw his deposition notice :	For 7-24-81 of def
Jul 17		TRANSCRIPT OF PROCE Marshall); court	EEDINGS from 6-5-81; pages 1-19 t copy.	(Rep: Vernell A.
Jul 23		ERRATA SHEET and staken 6-19-81 as	worn signature of John W. Kilty nd filed with the court on 7-2-	to his deposition
OF 14		MOTION of pltf for "dispositive" mo	further extension of time withition.	•
Aug 31		ORDER filed 8-28-81 to file his disp	l extending pltf's time to and it positive motion; no further extending (N)	ncluding 9-5-81 87 ensions. PRATT, J.
Sep 8		to make a thoroug	an order requiring Federal Bure th and complete search for unpro- memo of P&A's; attachments.	eau of Investigation
Sep 8		MOTION of deft #1 f John N. Phillips w	For summary judgment; memo of P& w/exhibits 1-6; statement of mat	A's; affidavit of terial facts. 89
Sep 16		CHANGE OF ADDRESS for	or counsel for pltf James H. Le	sar. 90
Sep 28		MOTION of pltf for deft's motion fo	extension of time within which or summary judgment.	to oppose 9/
Oct 2		ORDER extending ti deft's motion for	me to and including 10-9-81 for r summary judgment. (N)	pltf to oppose 9:
Oct 9		OPPOSITION of pltf of material fact	to deft's motion for summary jus; attachment A.	dgment; statement
Nov 18	19	ORDER granting defts denying pltf's mo	s' motion for summary judgment; otion to compel. (N)	dismissing case: PRATT, J.99
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	CIVIL DOCKET CONTINUATION SHEET	FPI-MAR-7-14-80-76M-439
PLAINTIFF HAROLD WEISBERG	U.S. DEPT OF JUSTICE, et al	DOCKET NO. 75-226 PAGE 7 OFPAGES
DATE NR.	PROCEEDINGS	

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1982TE	NR.	PROCEEDINGS
Jan 15		NOTICE OF APPEAL of pltf from ordered entered 11-18-81; \$65.00 92 USCA fee paid and credited to U.S. Treasury; copies sent to W. Cole.
Jan 18		COPIES of notice of appeal and docket entries transmitted to USCA. USCA # 82-1072
Jan 18		USDC fee of \$5.00 paid and credited to U.S. Treasury.

1	HAROLD WEISBERG	:	CIVIL ACTION NO. 75-0226
2	PLAINTIFF	:	IN THE UNITED STATES
3	VS.	:	DISTRICT COURT FOR THE
4	U. S. DEPARTMENT OF JUSTICE,	:	DISTRICT OF COLUMBIA
5	ET AL.	:	
6	DEFENDANTS * * * * *	* * *	* * * * *
7	Deposition of JOHN	W. KI	LTY, upon oral examination
8	before PATRICIA E. CRUM, Not	ary Pu	blic of the County of
9	Frederick, State of Maryland	, take	n at the home of the
10	Plaintiff, Harold Weisberg,	7627 0	ld Receiver Road, Frederick,
11	Maryland, on Friday, June 19	, 1981	, at 10:00 A.M., for exam-
12	ination of the said witness,	calle	d as a witness by the
13	Plaintiff in the above entit	led ca	se.
14		APP	EARANCES:
15		For	Plaintiff -
16			JAMES H. LESAR, ESQ. Attorney at Law
17			2101 L Street, N.W. Washington, D.C. 20037
18		For	Defendants -
19		101	WILLIAM G. COLE, ESQ.
20			Attorney at Law U. S. Department of Justice
21			Civil Division Washington, D.C. 20530
22			Washington, D.O. 20000
23			
24			
25			
26			
27			

JOHN W. KILTY, the witness, having been duly sworn, was examined and testified as follows:

BY MR. LESAR:

Q. Mr. Kilty, would you please state your full name and address.

A. My name is John W. Kilty. I reside in Silver Spring, Maryland.

Q. Did you receive a Subpoena Duces Tecum requiring you to bring certain items to the deposition today?

A. I did.

Q. Do we have them here?

MR. COLE: Yes, we do.

Q. May I see them, please. Do you have them separately marked or identified? Mr. Kilty, could you just identify what you've brought?

A. I brought a two (2) page memorandum from Mr. M. E. Williams to Mr. White dated January 24, 1975. I brought a two (2) page memorandum from legal counsel to Mr. J. B. Adams dated 12/17/74. I brought a two (2) page memorandum from Robert P. Finzel, F-i-n-z-e-l, to Mr. Kelleher, dated 3/12/81.

MR. COLE: I'll just inform you, Mr. Lesar, that that is what is being given to you in response to Item "2" of your Subpoena Duces Tecum for all notes, correspondence or other form of written record regarding any search for records sought by Plaintiff in this case.

1	Q. Are there any materials responsive to Item
2	No. "1"?
3	MR. COLE: There are none. I would add that in
4	response to Item "2", that you have received previously all
5	the items there except the most recent memorandum which was -
6	I forget what it is.
7	MR. LESAR: Mr. Finzel.
8	MR. COLE: Mr. Finzel, that's right.
9	Q. And in response to Item "3" of the Subpoena,
10	what have you brought?
11	MR. COLE: Mr. Kilty?
12	A. This packet of material here top of packet
13	is a letter, dated March 31, 1975, to Mr. Lesar from Clarence
14	Kelley and behind it and attached to it are a number of pages
15	of documents which I will count. Would that be satisfactory?
16	Q. Yes.
17	MR. COLE: We can stipulate, I think. The letter,
18	itself, states that it encloses seventeen (17) pages of
19	material described, that is, March 31 letter. Let me just
20	add that the letter of March 31, which is on the top of this
21	packet indicates that there are seventeen (17) pages. After
22	that letter, following that, is an April 15 letter that
23	encloses fifty-four (54) pages of material.
24	MR. LESAR: Bill, let's get these identified before
25 .	we describe it. Let me hand the court reporter the first
26	materials given to us by Mr. Kilty and have them marked as
27	"Exhibit 1", please. Now, let me hand to you a packet of
28	materials and ask that it he identified as "Exhibit 2" Mr

Cole, why don't you begin again with describing the materials that are contained in Exhibit 2.

MR. COLE: There are two (2) letters in Exhibit 2. The first one on the top of the stack indicates that it encloses seventeen (17) pages of material plus five (5) pages of documents -- that's the March 31, '75, letter. The second letter is dated April 15, 1975, and encloses fiftyfour (54) pages of laboratory data described in an earlier letter of April 10, 1975. These have all been previously given to Mr. Weisberg.

- Q. Now, Mr. Kilty, is this all of the materials that have been provided responsive to Mr. Weisberg's Freedom of Information Request in this lawsuit?
 - A. I don't know.
 - Q. To the best of your knowledge, is it all of it?
- A. I don't exactly know what this lawsuit is. So, I don't know whether it's everything responsive to it or not.
- Q. Allright. We'll come back to that question later. Could you just briefly summarize your background with the F.B.I. -- when you joined; how long you've been working in the lab; and so forth?
- A. I became a Special Agent in June of 1963. I was assigned to the laboratory in February of 1965 where I've been assigned since. I am presently the Chief of the Elemental Analysis Unit in the laboratory.
- Q. Are you familiar with the organization of the F.B.I. lab in 1964?
 - A. Generally, I am, yes. I was not in the lab-

1	oratory in 1964 but I have some idea as to how it was
2	organized them.
3	Q. Could you just briefly describe it?
4	A. Well, the laboratory had an Assistant Director
5	heading the lab and there were three (3) sections at that
6	time: A section called a Physics and Chemistry Section;
7	one called the Document Section; and the other section
8	called the Radioengineering Section. And these Sections had
9	various Units in them.
10	Q. What were the units of the Physics and Chemist-
11	ry Section?
12	A. Let's see. There was a Firearms Unit, Micro-
13	scopic Analysis Unit, Serology, Spectrographic Analysis,
14	Metallurgy, Chemistry I'm trying to go around the halls
15	in the old Justice Building to figure out
16	Q. Where was the F.B.I. Laboratory located in 1964
17	A. Most of it was in the seventh floor of the
18	Department of Justice.
19	Q. You say most of it. What was not located
20	there?
21	A. Part of the laboratory.
22	Q. Which part?
23	A. Part of the Radioengineering Section.
24	Q. Was all of the Physics and Chemistry Division
25	located there section located there?
26	A. In 1964, yes.
27	Q. Could you we're going to be discussing
28	spectrographic analysis and neutron activation analysis and

I wonder if you could just briefly describe these two (2) techniques. What is spectrographic analysis?

A. Well, there are lots of different kinds of spectrographic analysis. Do you want to talk about emission spectrographic analysis?

- Q. Yes. I'd like you also to distinguish, if you can, between spectroscopy and spectrographic analysis.
- A. Which would you like me to do first? Tell me what...
 - Q. Whichever you prefer.

- A. Well, emission spectroscopy, basically, involves exciting materials so that there's a dissociation of the various atoms that go to make up the material and it happens that in this dissociation with electrical current, a spectrum of light is produced and the wave length of this light is indicative of or characteristic of the excited elements or excited atoms that are producing it and so you expose a photographic film to this light and you have -- what happens, the emulsion on the photographic plate is made darker depending on the concentration of certain atoms that are being excited with a characteristic wave length for that atom. So, what you do is get a spectrum on a photographic plate which you can measure, determining the wave length of the various lines on the plate and identify the element that produced those lines. In activation analysis...
- Q. Is there a distinction between what you've just described emission spectrography and spectroscopy?
 - A. Spectroscopy?



Q. Yes.

A. When people talk about spectrograph or spectrography, they're talking about some kind of lines made that -- lines on a graph or lines on a photographic plate -- and that graph -- the graphologist or the graph part of it refers to that. Spectroscopy is kind of a general category of all investigations of spectra. You have neutron activation analysis, you have spectroscopy involved - gamma ray spectroscopy in that case. In emission spectrography, you have spectroscopy involved. It happens to be emission lines in wave length.

Q. Now, what is -- occasionally you see in some of your F.B.I. Reports the use of the term, quantitative and qualitative, as applied to spectrographic results. Could you distinguish between these?

A. Well, qualitative results, basically, means you just identify the elements that are present in a material without any regard to how much of that element is present or not just element but any constituent -- put it that way -- any constituent that's present. A qualitative analysis applies to just the fact that it's either there or not there. A quantitative analysis refers to, not only identifying what is there, but how much of it is there, that is, the concentration of that material.

- Q. Now, are these two (2) different tests or is it the same test?
- A. Well, you can conduct a qualitative analysis and a quantitative analysis by many analytical means. If

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you were to take neutron activation, for instance, we can determine aqualitatively what is present in a material and we can also determine quantitatively. And other techniques are the same way.

- Q. Let's go back. You have certain items of evidence in the Kennedy Assassination were subjected to spectrographic analysis and you -- I guess the terminology is you sparked or burned a sample, is that correct?
 - A. That's right.
- Q. Now, and the -- as a result, there was created on a photographic plate some images.
 - A. Some lines, yes.
- Q. Some lines. Now, from those lines, can you make both a quantitative and a qualitative analysis?
- A. I'm not sure that you could make a quantitative analysis -- what I term a quantitative analysis, that is, telling you how much is present from the lines that were made on the plates that you're talking about here.
 - Q. Why are you not sure?
- A. Because I don't know the standards that were used in that case.
- Q. As I understood what you were saying, when the sample's sparked and the photographic plate receives the spectra that the intensity will be impressed upon the plate.
 - A. Yes.
- Q. Now, isn't that basically how you measure the quantitative results?
 - A. We have to compare that -- you have to compare

1	the density of a line with a density of a known amount of
2	material. So, what you have to run, along with your question
3	sample, is a known amount of material that contains the ele-
4	ments that you're interested in quantifying.
5	Q. But if you do that, then you can get the quan-
6	titative results?
7	A. If you do that and if you know some other
8	things about plates, you can do a strict quantitative
9	analysis.
10	Q. Is there any reason why that could not have
11	been done with respect to all of the items tested in 1963
12	and 1964 by the F.B.I. in the Kennedy Assassination?
1.3	MR. COLE: I object to that question. First, I
14	don't think you've established that it has not been done and
15	I think you should ask that question first.
16	MR. LESAR: I asked whether it was done with re-
17	spect to all of them but I'll break it down.
18	Q. What types of analysis were performed with
19	respect to the items of evidence in the Kennedy Assassination
20	spectrographically?
21	MR. COLE: I object. Would you state what items
22	you're talking about? I think maybe that would be a good
23	place to begin so we'll know just what the parameters of
24	this discussion are.
2.5	MR. LESAR: Would you mark this as the next Exhibit,
26	please?
27	Q. Mr. Kilty, I've handed you a copy of Defendant's
28	response to Plaintiff's Interrogatories which was filed in

this case in May 7, 1981, I believe, and attached to it are some Xerox copies of Spectrographic plates that were provided us. Can you just take a minute and examine each of the plates? A. I have before me the plate you have out, 5 evidently -- plate listed 78243? Q. Yes. 7 A. What kind of examination do you want me to 8 conduct of this? 9 Q. Well, just I want you to take a brief look at 10 it and tell me whether or not each of these plates -- from 11 these plates here, whether or not a quantitative analysis 12 could be made of the items that were listed as tested. 13 14 MR. COLE: In every one of the plates that are shown in the attachments to these Interrogatories? 15 MR. LESAR: Yes. 16 17 A. Well, if these are reproductions of plates -of photographs of plates that were given you, a strict quan-18 titative analysis could not be done on these plates. 19 Q. Why not? 20 21 A. Because the standard -- the standards that 22 were used here were not calibrated standards. 23 Q. How would that be reflected on the plate? 24 What would a plate that is calibrated show that these do not? 25 A. Well, the notes that were accompanying them 26 would show what the concentration of the elements were and 27 would measure -- you would have densitometer measurements 28

for each of the lines.

1	Q. So, as I understand that what you're saying is
2	that only the examiner who took these at the time would be
3	able to determine the quantitative results of these?
4	A. No, that's not so at all.
5	Q. Even he would not be able to?
6	A. No, he would not be able to.
7	Q. Okay, and what is it that you have to have to
8	enable you to do that?
9	A. For these plates?
10	Q. Yes.
11	A. Too late. You cannot do quantitative analysis
12	on these plates - strict quantitative analysis.
13	Q. Okay. What do you mean by strict quantitative
14	analysis?
15	A. You can do semi-quantitative analysis on these
16	plates
17	Q. Would you distinguish?
18	A. That is an intercomparison of one sample with
19	another based on the density of the lines. You can say, for
20	instance, one sample has more antimony in it than another
21	sample. One sample has no bismuth. Another sample has bis-
22	muth. A third sample has copper; another sample has three
23	(3) times as much copper. One sample has "X" amount of
24	silver; the other sample has seven (7) "X" amount of silver.
25	It doesn't tell you how much is there but it's a relation-
26	ship of one sample to another.
27	Q. Now, what do you have to do to be able to get
28	numbers - to get the quantitative measurements?

- Off these plates?
- Q. When you test a sample.
- What you would do is have a standard material, the analysis of which is certified, and you would burn that under the same conditions as you burn the other specimens here and you would measure the density of the various lines produced for certain elements in your elements you're interested in and compare those densities to the densities of lines in your question specimen.
- Q. Allright. Now, would you look at the materials that were provided us in this case -- they should be in this Exhibit 2, I believe it is -- and see whether or not any such quantitative figures were provided in any of the tests made by the F.B.I.?
- A. There is some quantitative figures produced by that, yes, in neutron activation analysis.
- Q. On just the spectrographic we're talking about now. Would you locate this page and see ...
- A. Well, that page has nothing to do with activation -- or spectrographic analysis.
 - Q. This is neutron activation?
 - Yes.
 - Q. Okay.

MR. COLE: Jim, I think, maybe, since you have asked for him to take a look at a substantial amount of material, we should probably take a break at this time and I'd like to talk with the witness and see if we can come up with the material you're talking about in Exhibit 2.

MR. LESAR: Okay. (A brief recess was taken.) Q. Mr. Kilty, could you look at Exhibit 2 and 3 see if there are any -- start from the first and leaf through it until you come to any quantitative spectrographic results? 5 MR. COLE: I think we'd maybe best clarify the 6 question, Mr. Lesar. Are you saying that he's looking for 7 quantitative results? Does that mean any page that deals 8 9 with quantitative analysis? MR. LESAR: Yes, that's correct. 10 A. The closest one -- the closest item would be 11 a -- whatever -- it's 78243 on the bottom. It's got some 12 13 numbers. Q. Allright, could we have that marked "2-A", 14 please? Now, why do you say that this is the closest thing? 15 A. Well, it has some numbers on it and there were 16 some standards run but it's not -- it's still a semi-quan-17 18 titative analysis. Q. Okay. Why couldn't they have made a stricter 19 20 quantitative analysis? A. Well, probably was no need for it, simply 21 22 because in my view, there'd be no need. Q. There was no technical reason that would have 23 prevented them from doing it, given the state of the art at 24 25 the time? A. I'm not sure of the quality of the densitometer 26 that they had in 1963 when this was done as to whether or 27 not they could have made a strict quantitative analysis.

1	Q. Could they have done so in 1964?
2	A. I don't know. I wasn't in the laboratory.
3	Q. I thought you were in the laboratory in 1964?
4	A. No.
5	Q. When did you join the laboratory?
ò	A. In February of 1965.
7	Q. Okay. Could they have done so in February,
8	1965?
9	A. I don't think so. They were in the process of
10	purchasing a different kind of a densitometer then. I don't
11	think they had it.
12	Q. On the following page, there are some numbers
13	on the lefthand margin. The one at the top says 72 C-Control
14	and at the bottom
15	MR. COLE: Mr. Lesar, if you're going to refer to
16	this page, can we have this also marked as "2-B" so that
17	we'll be
18	MR. LESAR: Certainly.
19	MR. COLE: Keeping it straight?
20	Q. Now, I note that the last number in the left-
21	hand margin on that page is it says 42 and then dash nine
22	(9) and then it says scrapings from inside windshield "Q15".
23	What does the 42 signify?
24	A. Well, that's the rack number.
25	Q. What does the rack number indicate?
26	A. The place on the plate.
27	Q. And what does the 9 indicate?
28	A. That's the ninth sample from the top.

1	Q. Now, referring back to the previous page, 2-A,
2	is there are there any figures there that pertain to the
3	"Q15" sample?
4	A. I don't see a notation that "Q15" is associated
5	with page "2-A".
6	Q. Allright. Is there any reason why there are
7	not the sort of numbers for "Q15" as there are for any of
8	the other items that were for which there are numbers on
9	"2-A"?
10	A. I don't know.
11	Q. Would it have been possible to have done the
12	same type of obtained the same type of quantitative mea-
13	surements for "Q15" as for the other samples?
14	MR. COLE: I object. I don't think that you have
15	established that there was a type of quantitative analysis
16	done for the others besides "Q15". If you'd like to ask the
17	witness that, maybe that could clarify that point.
18	Q. Mr. Kilty, as I understand your testimony,
19	"2-A" the figures on "2-A" represent a type of quanti-
20	tative analysis.
21	A. Yes, called semi-quantitative analysis, I would
22	characterize it as.
23	Q. Now, is there any reason why that semi-quanti-
24	tative analysis could not have been done for "Q15"?
25	A. I don't know.
26	Q. Can you think of any reason why it might not hav
27	been done?

A. No. It would be pure speculation which I am

1	not going to do.
2	Q. What was your first association with this
3	MR. COLE: Mr. Kilty, are you through with Exhibit
4	2 for the time being?
5	MR. LESAR: Yes, for the moment, yes.
6	Q. What was your first association with this case
7	that you can recall?
8	A. The John F. Kennedy Assassination Case?
9	Q. Yes.
10	A. My first association with it was when I de-
11	livered some material to the laboratory in this matter when
12	I was assigned to a field office.
13	Q. Did you participate in any of the testing of
14	materials in connection with the Kennedy Assassination?
15	A. No, I did not.
16	Q. Do you recall the first time that you were
17	asked to search for laboratory materials on the Kennedy
18	Assassination?
19	A. No, I don't recall the first time at all or
20	when it was.
21	Q. Any approximate date as to when it was?
22	A. We were still in the old building at the time -
23	1974, 1975 in that category, I think.
24	Q. Allright. When you do you recall ever hav-
25	ing made any search for any requestor other than Mr. Weisberg
26	who has sought these materials?
27	A. What materials?
28	Q. Spectrographic and neutron activation analyses.

į	A. I remember searching for materials for other
2	contributors or other requestors regarding activation
3	analysis.
4	Q. Do you recall who they were?
5	A. If I'm not held to these names, I have some
6	recollection of some of the names.
7	Q. Just your best recollection.
8	A. Cyril Wecht.
9	MR. LESAR: C-y-r-i-l W-e-c-h-t.
10	MR. COLE: Is that correct, Mr. Kilty?
11	A. Yes. I think Emory Brown.
12	Q. Does the name John Nichols ring a bell?
13	A. John Nichols, yes. I know John Nichols. I'm
14	sure I sent him material.
15	Q. Do you know him personally or do you just
16	A. I know him; I've met him a few times but
17	Q. Okay. Robert P. Smith.
18	A. I don't have a recollection of that name.
19	Q. Now, could you describe the kinds of records
20	that would be created in connection with spectrographic
21	analysis?
22	A. Spectrographic plates and work sheets involved
23	with the item that was being subjected to spectrographic
24	analysis.
25	Q. Now, by work sheet, do you distinguish between
26	work sheets and notes or
27	A. Well, usually, the notes are either made on th
28	work shoot or on plain namer or lined namer that's attached

1	to the work sheet.
2	Q. The work sheet is a particular form?
3	A. It's a F.B.I. form that lists some evidence
4	and lists some administrative data regarding the case.
5	Q. So, there would be plates, notes, work sheets
6	and the notes may or may not be on the work sheets.
7	A. That's right.
8	Q. Okay. Anything else?
9	A. I can't think of anything else which doesn't
10	mean that nothing else exists. I can't, offhand, think of
11	anything. If you could recollect or refresh my
12	Q. How about tables - charts?
13	A. Those would be part of the that's part of
14	the work on the notes.
15	Q. You'd include that as notes?
16	A. Yes.
17	Q. Okay. Reports?
18	A. Well, that's separate from that may include
19	a lot of other material other than the spectrographic analy-
20	sis but that will include the opinion formed by the spectro-
21	graphic analysis.
22	Q. But that would be another type of record that
23	would be created as a result of the test that was made.
24	A. I guess so as long as we're going to define it
25	that way.
26	Q. In before a spectrographic examination is
27	made, is it customary to make a microscopic examination of
28	the specimen?

	1	A. Well, for people I know that do this work how,
	2	examine the sample, microscopically, using an optical micro-
	3	scope.
	4	Q. Would it have been done in 1963, 1964?
	5	A. Well, I can only tell you what I think would
	6	be done then because I didn't see it being done and I would
	7	think the items that were examined, spectrographically, that
	8	at some time were subjected to an optical microscopic exam.
	9	Q. Now, would there be any notes on such an exam?
	10	A. Depending on what the exam was for.
	11	Q. What would the examiner do when he examined it
	12	microscopically?
	13	MR. COLE: This is still, Mr. Lesar, in the realm
	14	of what could have hypothetically happened in 1964 when
	15	these items would have
	16	MR. LESAR: Yes, I'm asking him what he things the
	17	procedures would have been.
	18	MR. COLE: If the witness has an idea that's more
	19	than a conjecture, he may answer.
	20	A. Well, you look at the sample to determine,
	21	basically, what it looks like whether it has a lot of
	22	contamination on it or whether it is one kind of metal or
	23	two (2) kinds of metal. Most things that people examine
	24	microscopically or examine spectrographically start out
	25	with a microscopic exam.
	26	Q. Would you examine it to determine whether
12	27	there were any marks present on it?
	28	A. The person doing the emission spectroscopy

wouldn't do that. That has already been done. Q. Now, if the sample is contaminated in some manner, would the ... MR. COLE: Excuse me, Mr. Lesar, are you now talking about any examination done and is this under present 5 conditions or under conditions that he thinks, hypothetically, 6 might have existed back before he joined the lab? MR. LESAR: We're still asking about what the pro-8 cedures would have been in '63, '64. 9 MR. COLE: Before he joined the lab. 10 MR. LESAR: Right. 11 Q. What -- if there had been contamination, would 12 the examiner have made (a) any note on it or (b) any report 13 on it? 14 MR. COLE: Excuse me. If there are going to be 15 interruptions, such as talking between Mr. Weisberg and Mr. 16 Lesar, I think I'd like to have the court reporter repeat 17 the question after that conversation is done so Mr. Kilty 18 will know what the question is. 19 MR. LESAR: I have no objection to that if counsel 20 21 will permit me to let the record reflect that there was no talking or interruption of Mr. Kilty. Mr. Weisberg whispered 22 in my ear. He is seated to my left and away. 23 MR. COLE: Mr. Lesar, the reason I made that objec-24 tion was that you asked the question, then there was a loud 25 enough colloquy between you and Mr. Weisberg to at least 26 break my concentration as to what was being said as is again 27

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being done now. And I think that it is only courteous to

1 the witness, when you've asked your question, not to have any discussions before he begins his answer. MR. LESAR: Well, he did not start to answer before 3 we finished our ... 4 MR. COLE: That's quite right. There was a long 5 space of time while we waited for you to end your conversa-6 tion with Mr. Weisberg. 7 MR. LESAR: Can you repeat what you heard Mr. 8 9 Weisberg whisper to me? MR. COLE: Not at this stage, I cannot. My memory 10 11 isn't good enough. MR. LESAR: Allright, would the court reporter re-12 peat the question that was initially asked before this 13 harangue began? I'll re-phrase the question. 14 Q. If there had been any contamination on any of 15 the samples examined microscopically, would the examiner 16 have made any note -- (a) any note or (b) any report on it? 17 18 A. I don't know. Q. Would that be the customary procedure today? 19 A. Well, it would depend on the kind of contamina-20 tion, what stage along the line this examination was being 21 22 conducted. It may or may not be done. Q. Okay. Take an item of evidence that came into 23 the lab within a day or two after President Kennedy was shot. 24 25 Would you expect the item of evidence would have been examined microscopically before spectrographic analysis was made? 26 A. You're talking about items of evidence, now, 27



that was subjected to emission spectroscopy?

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Q. Yes.

A. Well, in as much as most of that material was firearms type work, that Unit examines, microscopically, first before it was handled by the people that do the emission spectroscopy.

- Q. And you would anticipate then that the people who did the emission spectroscopy would not conduct any additional microscopic examination?
- A. No, they would conduct it for a different kind of reason than the people in Firearms Unit would have done.
- Q. They would conduct what for a different type of reason?
 - A. The microscopic exam that they conduct.
 - Q. Why would they conduct it?
- A. To get an idea of what the sample looked like -what they were putting in the electrode. It's a very small
 piece of metal and the people would like to look at that
 piece of metal that they're putting in the electrode.
- Q. Okay. Now, if in, let's say, that an item of evidence came into the lab on the 22nd or 23rd of November, 1963, and it was suggested that it be tested spectrographic-cally, would it have been -- or should it have been examined microscopically before the testing?
 - A. Depends on what the item is.
 - Q. Bullet fragment.
- A. Well, the bullet fragments definitely were examined microscopically.
 - Q. By the spectrographic examiner?

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have a copper jacket on it or did not have a big piece of

1	tissue on it. So, that's what you would use a microscope
2	for to look at it. Do I have a piece of what I think is
3	lead here?
4	Q. What about blood?
5	A. Well, I'm using tissue, covering bone, blood,
6	muscle, skin. That's what I'm using.
7	Q. Now, if an examiner
8	MR. COLE: Mr. Lesar, are we still talking about
9	'63, '64 period?
10	MR. LESAR: Yes, I am. You can assume, unless I
11	state otherwise, that we're directed to the period that's
12	relevant to this.
13	MR. COLE: Which is again before this witness was
14	employed by the laboratory. Allright.
15	MR. LESAR: Yes.
16	Q. In 1963, 1964, if there had been some contam-
17	ination of the type that you've described, would an examiner
18	have made a note on it or included it in a report?
19	A. Emission spectroscopy examiner?
20	Q. Yes.
21	A. I've never found any notes about it that one
22	of them may have made. I don't know if he would have or not.
23	It would depend on the nature of the contamination whether it
24	had some significance or not.
25	Q. Is do you wash specimens before testing them
26	spectrographically?
27	MR. COLE: Is this current procedures you're talk-
28	ing about now or are you again I mean when you say, you,

you can't be talking about '63, '64 because this witness was not there.

Q. At that time, would the specimens have been washed before testing?

A. I don't know.

Q. Do you have any guess as to whether it would or would not have been?

MR. COLE: Objection. This witness is not required to guess. If he has an understanding of what the procedures were, then he can certainly give you his view.

- Q. Let me ask you about neutron activation analysis. Now, could you... Mr. Kilty, one more question on the microscopic examination. Would an examiner who conducted a microscopic examination, make a note or report on any marks on the item subjected to examination?
 - A. What microscopic exam are you talking about?
- Q. Well, you have mentioned two: One by the Firearms Unit and the other by a spectrographic examiner. Take both of them.

A. Well, first, I don't know that a microscopic exam was done by the spectrographic examiner. I'm telling you what I think would have been done then. I know that there's microscopic examinations done by the firearms people. So, in that line, I don't know what they would say about marks they found. If the marks had significance, they may comment on them. I think you could find out by reading the reports as to whether they commented on the marks that they allegedly found.

1	Q. Under today's standards, would they comment
	on marks that they found?
	A. If the marks had some value or some significance,
	I would think they would comment about them.
	Q. Allright. Now, with respect now to neutron
1	activation testing, could you describe the kinds of records
	that are created or would have been created in 1964 when an
	item of evidence was subjected to neutron activation testing?
	A. There would have been a product of the gamma
	ray spectrometer which would have been a series of data points
	produced by the spectrometer. There may have been some graphs-
	plots that they produced.
	Q. Produced by
	A. The people who did the work.
	Q. Okay.
	A. There would be some calculations produced some-
	place. There would be a letter produced with the results of
	the examination produced.
	Q. Could you describe the process of neutron
	activation testing, step by step?
	A. Well, the elements that are present in a
	specimen are basically not radioactive elements, that is,
	the atoms are stable, and they're made artificially radio-
	active in a nuclear reactor by bombarding them with neutrons
	and some of the atoms that make up the specimen capture neu-
	trons in the nucleus and this produces an excitement in
	these atoms, called radioactivity. And these atoms are try-
	ing to get back to a stable state again and in doing so, they

		STAR OLL EU	ETE	y. And this energy can be measured. And the
	2	energy and	int	ensity of the energy are measurements of what
	3	element is p	res	ent and how much of that element is present in
	4	the specime	n.	
	5	Q		Now, what steps were taken prior to injecting
	6	a specimen	int	to the reactor?
	7	M	IR.	COLE: Again, this is 1964
	8	M	IR.	LESAR: Yes.
	9	M	ſR.	COLE: Procedures?
1	0	A	١.	I'm not sure. The sample had to be packaged
1	1	some way be	for	re it could be put in the reactor and then re-
1	2	moved from	the	reactor.
1	3	Q).	Would it have been examined, microscopically?
1	4	A	١.	With my qualifiers as the same qualifiers on
1	5	emission sp	ect	roscopy, I would say, yes. I would expect that
1	6	someone wou	ıld	look at the sample, using a optical microscope
1	.7	and make so	me	judgment about it some way.
1	.8	Q) .	Would it have been weighed?
1	9	А	١.	In my view, yes. And in this case, the records
2	0.	reveal that	: it	ems have a weight beside them that indicates
2	1	they were w	veig	ghed.
2	22	Q) .	Would the specimens have been washed or cleaned
2	13	A	<i>1</i> .	I would expect the specimens were cleaned. How
2	24	they were o	lea	ned, I don't know.
2	.5	9).	Would that have taken place at the F.B.I. lab-
2	6	oratory?		
2	27	A	A.	I don't know.
- 5	3			Or or the Oak Bidee?

	1	Α.	I don't know whether the samples were prepared
	2	at the F.B.I	or at Oak Ridge.
	3	Q.	You say that there would have been a series of
	4	data points.	Would that be another way of saying computer
	5	printouts?	
7	6	A.	Yes.
	7	Q.	Would there be if an item is put in the
	8	reactor, wou	ld there necessarily be some computer printouts
	9	on any sampl	e?
	10	A.	If they so chose to make one, there would be.
	11	Q.	What would determine whether or not they would
	12	choose to do	so?
	13	A.	I don't know.
	14	Q.	Wouldn't it be done routinely?
	15	A.	No. Many times, nowadays, we would radiate a
	16	sample, we,	for some reason or other, never present it to a
	17	gamma ray sp	ectrometer.
	18	Q.	And there are no computer printouts that result
	19	from that?	
	20	A.	Yes.
	21	Q.	Would that have been true in 1964?
	22	Α.	I don't know.
	23	Q.	If there were, in fact, computer printouts for
	24	many of thes	e specimens, were there not?
	25	MR	. COLE: Many of what specimens?
	26	MR	. LESAR: Many of the specimens that Agent
	27	Gallagher su	bjected to testing.
	28	A.	With respect to subjected neutron activation?

1		Q.	To ne	utron	activat:	ion tes	sting.			
2		Α.	Yes.	Yes.			-			
3		Q.	They	were.	Is the	re any	reason	why th	ere wo	ould
4	be no prin	tout	s of	specin	nen "Q3"	?				
5		Α.	No.							
6		Q.	There	shoul	ld be.	If the	others	had pr	intou	ts,
7	you would	assı	me th	at "Q	3" also	would?				
8		Α.	That'	s wron	ng. I d	on't a	ssume th	at at	all,	
9	no.									
10	45	Q.	Why r	ot?						
11		A.	Well,	becar	use one	thing	exists d	loesn't	make	
12	mean that	ano	ther t	hing	should e	xist.	I don't	see t	the co	n-
13	nection.									
14		Q.	Well,	thes	e specim	ens we	re teste	d at 1	the sa	me
15	time, wer	e the	ey not	?.		S				
16		Α.	Which	spec	imens?					
17		Q.	The s	specim	ens that	Agent	Gallagh	er to	ok dow	n
18	and teste	d on	May 1	L5, 19	64?					
19		Α.	I dor	n't ex	actly kn	ow wha	t he did	on Ma	ay 15,	
20	1964. I	know	that	the t	esting w	as muc	h more e	xtens	ive th	an
21	that day.									
22		Q.	There	e was	addition	al tes	ting by	neutr	on act	iva-
23	tion anal	ysis	?							
24		A.	Yes.							
25		Q.	What	day -	- what's	your	basis fo	or say	ing th	at?
26		Α.	The :	record	s that y	ou hav	e indica	ite th	at.	
27		Q.	Are	you re	ferring	to the	paraffi	in cas	t?	
28		Λ	7.7.0.7.7	that	's one t	hine	Ves th	12719	true	

1	Q. Was there anything else that was tested by
2	means of neutron activation analysis other than on that May
3	15 date?
4	A. Well, May 15 day was the day that some of the
5	items or the items were put in the reactor.
6	Q. Yes.
7	A. That certainly doesn't mean neutron activation
8	analysis testing. That's just one that's just the start
9	of the testing.
10	Q. Well, what transpires after that?
11	A. Then you have to present the sample to a gamma
12	ray spectrometer to determine what readioactivity is present
13 .	Q. Does that take place the same time and same
14	place?
15	A. Sometimes, it does and sometimes, it doesn't.
16	Q. In this case, do you know whether it did?
17	A. Did what?
18	Q. Whether it took time at the same place same
19	date and same place?
20	A. Sometime it took place the same day; some of
21	it took place other days.
22	Q. How do you know that?
23	A. By reading the dates on the documents.
24	Q. You have the documents that we've been given
25	in front of you. Could you go through them and point out an
26	example of that?
27	A. Well, here's a measurement taken - a hundred
28	and eighty-nine point six five (189.65) hours after it was

1	irradiated. So, obviously that is something after.
2	MR. COLE: Mr. Lesar, since we're going to be
3	looking at this, why don't we mark this as "2-C" on the
4	court's copy.
5	A. That's a standard that was part of the
6	unless you want to get a "Q" number.
7	Q. Could you get a "Q" number for it?
8	A. "1-A" that's the first "Q" number.
9	MR. COLE: This is about ten (10) back from the end,
10	Mr. Lesar.
11	A. "QlA" - that's it there.
12	MR. COLE: Would you mark that "2-C"?
13	Q. Allright. You've directing your attention
14	to the Exhibit "2-C", what does that reflect with respect
15	to the date of testing?
16	A. Well, I see a date, May 15, here. It went in
17	the reactor at 19:01 and out at 19:01 plus twenty (20)
18	seconds.
19	Q. Okay. Above that is another date. What does
20	that reflect - 5/26/64?
21	A. It reflects that day. I don't know.
22	Q. Would that have been the date that these cal-
23	culations were made?
24	A. I don't know.
25	Q. You don't know what it signifies?
26	A. No. And right underneath that date, though, it
27	says counted May 26, 08:08, and you can see on the right side
28	they calculated the decay time there of two hundred and fifty-

1	three point four (253.44) hours.
2	Q. Okay. Let me the specimen is put in the
3	reactor and then you what's the next step?
4	A. Removed from the reactor.
5	Q. And then are there any records created at
6	that point? No?
7	A. No, I don't think there would be any.
8	Q. Then what about the time that it went in and
9	the time that it went out?
10	A. That would be fioted.
11	Q. That would be noted by the examiner.
12	A. Yes.
13	Q. Then the examiner takes it and you described
14	an instrument that it's presented to.
15	A. Yes.
16	Q. And that is?
17	A. A gamma ray spectrometer.
18	Q. Okay. Now, is that gamma ray spectrometer,
19	would that have been at the Oak Ridge laboratory?
20	A. Yes.
21	Q. Now, are you aware of any items, other than this
22	"Q1", that were tested after they were submitted for nuclear -
23	they were irradiated after the May 15 date?
24	MR. COLE: Mr. Lesar, I object. This witness was
25	asked before whether everything was done on the fifteenth.
26	He agreed to look through this material to see whether he
27	could find an example of something that showed a later date.
20	

MR. LESAR: My question was different than that one. I'm asking now not about the date that it was presented to 2 the spectrometer; I'm asking about the date that it was ir-3 radiated -- whether anything was irradiated after the May 15 date. 5 MR. COLE: If he knows. 6 A. I don't know. 7 Q. I'd like to have this marked as the next Exhibit, 8 please. Would you take just a minute to refresh your recol-9 lection and read over this? This is an Affidavit that you 10 executed on May 13, 1975. 11 MR. COLE: I would like to ask again that we just 12 have a few minutes and we'll walk outside and take a look at 13 this document and be back in about three (3) minutes. 14 MR. LESAR: That's fine. 15 (A brief recess was taken.) 16 Q. Mr. Kilty, have you had a chance to read over 17 your Affidavit of May 13, 1975? 18 A. I recognize this Affidavit as having been pro-19 20 duced by me. Q. Prior to executing this Affidavit, could you 21 describe what search you had made for spectrographic and 22 neutron activation records? 23 MR. COLE: Are you talking about for your client, 24 25 . Mr. Weisberg? 26 MR. LESAR: Yes. A. Let's see. What day did I do this? I don't 27

know what searching I did. I would -- before that, I would

1	have to have some other dates available to me. If I knew
2	dates that material was released, I could say I did it be-
3	forehand but I don't know exactly. For the creation of this,
4	that is, before March 14, 1975, or before the creation of
5	this Affidavit?
6	Q. No, before the Affidavit.
7	A. I don't know what search I did before the cre-
8	ation of this Affidavit.
9	Q. Could you recall what you did, initially, in
10	response to the request that you look for records of this
11	kind?
12	A. No, I can't remember my initial response.
13	Q. Did you how did the request come to you?
14	A. It was given to me by a member of the legal
15	counsel division.at that time.
16	Q. Who was that?
17	A. I think it was Agent Tom Bresson.
18	Q. And what did he say to you?
19	A. I don't remember him saying anything to me.
20	I don't know whether he personally gave it to me or it came
21	through him.
22	Q. Gave what to you?
23	A. Your request or the request of Mr. Weisberg.
24	Q. Normally, when you receive a Freedom of Inform-
25	ation Request that's referred to the laboratory, what do you
26	get how do you get it?
27	A. Now?
28	O Tot's take at in 1974 1975

1 ;	A. I don't have any recollection of a procedure
2	that was followed then. A procedure was developed later on
3	as more requests came in but, originally, sometimes it came
4	attached to a memo sometimes a man would deliver it by
5	hand.
6	Q. Do you recall whether or not you consulted
7	anyone in locating the materials that you have produced here
8	Exhibit 2?
9	A. I don't have any recollection of consulting
0	any specific people, no.
1	Q. Did anyone search for the materials other than
2	yourself?
3	A. I have no recollection of another person
4	searching for them.
5	Q. Were you aware of any searches that had been
6	made by any other Agents or employees of the F.B.I. prior
7	to the time you began searching for these materials?
.8	A. No, I wouldn't have any knowledge of what
9	kind of a search was made by other people.
0.0	Q. Were you aware that these materials had been
1	these and similar materials had been requested before by
.2	other requestors?
.3	A. Before this?
14	Q. Before 1974, 1975.
.5	A. I remember people talking about it. I don't
16	know who the people were who requested it. I remember Agents
2.7	talking about people requesting

Q. What did they talk about?

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	1	
	1	A. That they had requests in that legal counsel
	2	division had a request for some documents in the Kennedy
	3	Assassination.
	4	Q. Do you recall that Dr. Nichols had made a
	5	request?
	6	A. No, I am not aware of him at that time making
	7	a request.
	8	Q. Were you aware that he had filed a lawsuit
42	9	against the Department for and which included these materials?
	10	A. No.
	11	Q. Were you aware that do you know F.B.I. Agent
	12	by the name of Jevons?
	13	A. Yes.
	14	Q. How long have you known Mr. Jevons?
	15	A. He was my Section Chief when I was assigned to
	16	the laboratory in 1965 and he retired.
	17	Q. This is Mr. Roy H. Jevons?
	18	A. Yes.
	19	Q. Yes. When did he retire?
	20	A. I don't remember the year. We were located in
	21	the old building when he retired.
	22	Q. But he was your Section Chief?
	23	A. Yes.
	24	Q. Did you ever have any discussion with him about
	25	locating these materials?
	26	A. I don't recollect any discussion with him.
	27	Q. Do you did you know an F.B.I. Agent by the
	28	name of Marion Williams?

1	A. Yes.
2	Q. How did you know him?
3	A. He was the Assistant Section Chief when I came
4	to the laboratory and, subsequently, was, several years later,
5	promoted to Section Chief and retired.
6	Q. Did you ever have any discussion with him about
7	locating these materials?
8	A. I don't recollect any discussion with him. I
9	might have had one but I don't recollect it.
10	Q. Are you aware that Mr. Jevons and Mr. Williams
11	both executed Affidavits stating that they had examined the
12	spectrographic file in response to (1) the request by Mr.
13	Nichols and (2) the request by Mr. Weisberg?
14	A. My
15	Q. Are you aware of that?
16	A. That they did that?
17	Q. That they had sworn that they had examined the
18	spectrographic file?
19	A. No, I'm not aware of that.
20	Q. Is there such a thing as "the spectrographic
21	file"?
22	A. I don't know what they're talking about - the
23	spectrographic file. There are plate files that contain
24	spectrographic plates.
25	Q. But you never had any conversation with either
26	of them about locating these materials?
27	A. Jevons, no. I don't know about Williams. I
28	have no recollection of Williams. Williams followed Jevons

1	by several years and I may have talked to him at some time
2	about Freedom of Information requests. I don't recollect it,
3	though.
4	Q. Did you ever examine any file does the F.B.I
5	keep a record of previous searches that are made for records?
6	A. I don't know. That's not my business. I
7	simply don't know that.
8	Q. So, when you began to undertake searching for
9	these materials, there was nothing for you to consult to de-
10	termine whether or not they had been located previously?
11	A. I did not come across any documents which
12	indicated that they had been searched for previously.
13	Q. Okay. How did you go about making your search?
14	A. I don't recollect how I searched for these
15	items in 1975.
16	Q. Well, where did you finally locate them?
17	MR. COLE: Mr. Lesar, I'm going to let the witness
18	answer this but he's already said he doesn't recollect any-
19	thing about the search.
20	A. I located them in file cabinets.
21	Q. Okay. Where were the file cabinets located?
22	A. In the F.B.I. laboratory.
23	Q. Where was the F.B.I. laboratory at that time?
24	A. It was in the seventh floor of the Justice
25	Building.
26	Q. What room?
27	A. There was a lot of rooms. I don't remember any
28	of the room numbers.

*1			
1 .		Q.	Okay.
2		Α.	Dozens and dozens of rooms.
3		Q.	Were they all in the same file?
4		Α.	Same file cabinet?
5		Q.	Yes.
6		Α.	No.
7		Q.	How many different file cabinets were there?
8		Α.	Two (2) file cabinets two (2) different
9	file cabin	ets	
10		Q.	How were they labelled?
11		Α.	I don't know.
12		Q.	What file were they part of?
13		Α.	What file they were part of?
14		Q.	Yes.
15		Α.	The Kennedy Assassination file.
16		Q.	Are all the Kennedy Assassination files kept
17	in the F.H	B.I.	laboratory? .
18		Α.	No.
19		Q.	Can you identify the file cabinets as to con-
20	tent?		
21		Α.	I can, yes, by opening the drawers and looking
22	what's in	the	m.
23		Q.	Well, what did they contain?
24		Α.	Well, it contained material in the Kennedy
25	Assassina	tion	
26		Q.	On any other subject?
27		Α.	If it did, I didn't pay any attention to it.
28	I wasn't	inte	rested in another subject.

1	Q. How did you know to go to these file cabinets?
2	A. I asked at least one (1) other Agent who was
3	there maybe two (2) others.
4	Q. Who were they?
5	A. Well, the one I know of was Bob Frazier, Agent
6	Robert Frazier.
7	Q. What did Frazier tell you?
8	A. He showed me where the cabinets were.
9	Q. How were those file cabinets identified?
10	A. I don't remember how they were.
11	Q. Well, they had a label?
12	A. Yes, there was some sort of a label on it.
13	Q. File number?
14	A. I don't know if there was or not.
15	Q. Did what did Frazier say to you when what
16	did you ask Frazier?
17	A. I don't remember what I asked him at the time.
18	I'm looking for something on the Kennedy Assassination and
19	he knew more about it than anyone in the laboratory because
20	he worked it.
21	Q. Now, you say there were two (2) file cabinets?
22	A. I found the material in two (2) different file
23	cabinets, yes.
24	Q. Now, were those the material in those file
25	cabinets, was it all Kennedy Assassination material?
26	A. I don't know.
27	Q. Was it all laboratory tests or did it contain
28	other types of material?

analysis? Was there such a file?

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Q. Well, were you looking under spectrographic

1	A. No, there wasn't. I know that it was not one
2	labelled spectrographic analysis, no.
3	Q. What kind of containers were these records in?
4	Were they in file folders or
5	A. Some of it was in file folders.
6	Q. Some of it was not?
7	A. Well, as you can see, some of it was in note-
8	books spiral notebooks. You can see the spiral edge of
9	the Xeroxed for you.
10	Q. Are those were those spiral notebooks kept
11	in file folders?
12	A. Yes, they were in a file folder, a brownish,
13	reddish type that has a string around it that kind of a
14	file folder, yes.
15	Q. File jacket might be a more accurate descrip-
16	tion?
17	A. I don't know. Whatever you want to describe it
18	as.
19	Q. Allright. Now, what kinds of I take it
20	you had did you consult central records in making your search
21	A. I don't recollect if I did or did not consult
22	what you call central records that's the people that search
23	for records and I don't recollect whether I did or not.
24	Q. Okay. If you didn't, how did you know there
25	were no records there?
26	A. Who said there were no records?
27	Q. In central records?
28	A Was there no records in central records?

1 :	Q. Did you ever make a search of central records.
2	A. Of the F.B.I the central records division
3	of the F.B.I. Laboratory or the F.B.I.?
4	Q. Would you describe the procedure for searching
5	files through the central records index?
6	A. Well, you can ask someone what you need to find -
7	what you're looking for and you will be delivered the materi-
8	al. If you want Section 18 of some file, you can ask them
9	for Section 18 and
10	Q. Well, suppose you want spectrographic analysis
11	on items of evidence in the Kennedy Assassination, what do
12	you do to locate them?
13	A. Well, what I did was look in places where the
14	spectrographic analysis for the Kennedy case was kept.
15	Q. And that was based on information provided to
16	you by Agent Frazier?
17	A. Yes, it was. If I may add, John F. Gallagher,
18	too, was the other agent that knew where this material was.
19	Whether he was in the laboratory at the time this request came
20	in or not, I don't remember, but based on my working for him
21	for a number of years, I knew the file drawer where that
22	material was.
23	Q. Did you ever search any other locations for
24	materials related to Mr. Weisberg's request?
25	MR. COLE: Do you mean at that time, Mr. Lesar?
26	MR. LESAR: Yes.
27	A. Yes.
28	O. What locations did you search?

1	A. I didn't search locations; I searched files.
2	Q. Okay, what other files did you search?
3	A. Well, excuse me, I did not search files, I
4	searched sections of files.
5	Q. Sections of what files?
6	A. Of the Kennedy case and the Oswald case. I
7	don't remember what the section numbers were.
8	Q. Now, how did you determine what Sections you
9	were going to search?
10	A. I don't remember.
11	Q. Do you recall how many sections there are in
12	those files?
13	A. Oh, tremendous numbers.
14	Q. You didn't go through say there were a hun-
15	dred sections in the J.F.K. Assassination file; you didn't go
16	through all of those sections, did you?
17	A. I went through cart after cart after cart of
18	sections of files in that case.
19	Q. In the Kennedy Assassination file?
20	A. Yes.
21	Q. Did you go through the any field office
22	files?
23	A. No, I did not.
24	Q. Did you consult any examiners to determine if
25	they had files relevant to the request?
26	A. I didn't consult with them for that purpose.
27	I consulted with other examiners. I did not consult with
28	them to determine if they had files.

1	Q. Why not?
2	A. They don't keep files.
3	Q. Well, is that always true?
4	A. What is always true?
5	Q. Are there any exceptions to that?
6	A. Well, sometimes an Agent will have a file in
7	his desk or in the work box.
8	Q. Well, did you make any search to determine
9	whether or not any of the Agents who participated in these
10	tests might have kept materials in their desk or in their
11	work box?
12	A. I talked to a number of Agents anyone who
13	had any familiarity with this case at all asking them if
14	they had anything concerning the case. If they did to give
15	it to me.
16	Q. Did you talk with Agent Cunningham?
17	A. Yes.
18	Q. Did you talk with Agent Heilman?
19	A. Yes.
20	Q. Did you talk with any other of the F.B.I. Agents
21	that you can recall who conducted these tests?
22	A. Yes.
23	Q. Heiberger?
24	A. Heiberger, yes.
25	Q. Anyone else?
26	A. Gallagher.
27	Q. Okay. What did they tell you?
28	A. I don't remember specifically what they told

	1	me. They	may	have said, yes or no to my questions. I don't
	. 2	know I	mear	n I have no recollection of the individual
	3	statements	mad	de by any of them.
	4	(Q.	Did they suggest any place where you could look?
	5		A.	I don't remember if they did or not.
	6		Q.	You're familiar with the phrase, tickler file,
*	7	are you no	t?	
	8		Α.	Yes, I am.
	9	(Q.	Did you make a search of any tickler files?
9	10	á	Α.	Any that I could find.
	11	. (Q.	Did you find any?
	12		Α.	Yes.
	13	(Q.	Whose were they?
The control of the co	14		Α.	I don't know whose they were.
	15		Q.	Where were they?
	16		A.	In the where I found the material.
	17	, (Q.	In the two (2) file cabinets?
	18		Α.	Yes.
	19	(Q.	That was a tickler file?
	20		Α.	No. It was a file cabinet. It had lots of
	21	material in	n it	t.
	22		Q.	But these were tickler files.
	23		Α.	Well, I think I'd have to get a definition.
	24	of a tickle	er i	file then.
	25		Q.	Allright, what do you mean by the phrase,
	26	tickler fi	le?	
	27		Α.	Carbon copy of something.
	28	(Q.	Kept by whom?

1	A. I don't know. This was not under anyone's
2	custody; it was under F.B.I. custody. It was not in a person
3	al file. File drawers.
4	Q. Okay. I believe you testified that you did
5	not make a search of central files, is that correct?
6	MR. COLE: I object to that characterization but,
7	Mr. Kilty, you may answer.
8	A. Whatever you mean by that I don't know.
9	What is a search of central files?
10	Q. It's the central records files. Well, could
11	you state your understanding of the F.B.I.'s central records
12	system?
13	A. It's the location of the various files and all
14	the parts thereof.
15	Q. Is there a particular location for the central
16	records files in the F.B.I. Building?
17	MR. COLE: Are you talking about now or previous?
18	MR. LESAR: Previously let's take 1963, 1964.
19	MR. COLE: So that would have not been in the F.B.I
20	Building but the Justice Building.
21	MR. LESAR: Excuse me, let's take 1974, 1975, when
22	you were looking for these records.
23	A. They were in the Justice Building someplace.
24	They might have been, too. I don't know if the identifica-
25	tion division didn't they store some files in the ident-
26	ification division then, too?
27	Q. Would the file cabinets that you located these
28	materials in in the F.B.I. Laboratory, do you consider those

1	to be central record files?
2	A. I don't know what I consider them to be. I
3	think it's immaterial what I consider them to be. The fact
4	is, I searched them. Whether they're central records or
5	laboratory records or whatever they are, they were searched.
6	Q. What is the distribution of records pertaining
7	to your spectrographic and neutron activation testing? Who
8	gets what records when an item is tested?
9	MR. COLE: Are you talking, again, Mr. Lesar, about
10	1964 or presently?
11	MR. LESAR: In 1964.
12	A. Well, these records became part of the F.B.I.
13	file in the Kennedy Assassination or Oswald one or the
14	other.
15	Q. Let's take the reports on the spectrographic
16	and neutron activation analysis.
17	MR. COLE: The reports. Do you have specific re-
18	ports in mind, Mr. Lesar?
19	MR. LESAR: It's plural any
20	MR. COLE: Any and all reports on spectrographic
21	and neutron activation analysis.
22	MR. LESAR: Report is drawn up by an Agent. Where
23	does that report go?
24	A. Goes to the contributor.
25	Q. And who would be the contributor?
26	A. Sometimes, it was the Chief of Police in
27	Dallas; sometimes it was the Warren Commission; and sometimes
28	it was the U.S. Secret Service; sometimes it was the F.B.I.

1	Dallas. Whatever was on the title to whoever it is.
2	Q. Allright, now, where who else would get
3	copies, other than the contributor?
4	A. I don't know. I'd have to check the copy count
5	on it as to who it says right on the report as to where
6	all the copies go.
7	Q. Well, would the examiner get a copy?
8	A. I think so. I think you could tell by looking
9	at the reports and see if the examiner's name is on them.
10	Q. You have some copies of reports in front of you
11	as an Exhibit 2.
12	A. Here's a letter to Mr. Rankin with a copy to
13	several Agents. I don't see an F.B.I. Laboratory Report,
14	as such, in this material.
15	Q. How about this one?
16	MR. COLE: This one is
17	A. A laboratory work sheet.
18	MR. COLE: What you have pointed to, Mr. Lesar,
19	says at the top of it Laboratory Work Sheet.
20	Q. Is it your understanding that the with re-
21	
	spect to the reports that were furnished the Warren Commission
22	spect to the reports that were furnished the Warren Commission that the reports went to the Dallas field office and that the
22 23	
	that the reports went to the Dallas field office and that the
23	that the reports went to the Dallas field office and that the Dallas field office incorporated the findings of the F.B.I.
23 24	that the reports went to the Dallas field office and that the Dallas field office incorporated the findings of the F.B.I. Laboratory in a report which they submitted to headquarters
23 24 25	that the reports went to the Dallas field office and that the Dallas field office incorporated the findings of the F.B.I. Laboratory in a report which they submitted to headquarters and that this report was then transmitted to the Warren Com-

1	a time to see whether this witness agrees with any part of
2	them?
3	MR. LESAR: He can state if he disagrees with any
4	part of them.
5	MR. COLE: Or if he feels that that question is
6	difficult to answer.
7	MR. LESAR: Can the witness answer the question?
8	A. Basically, I can answer it, yes. Sometimes
9	that occurred and sometimes it didn't occur.
10	Q. Now, how can you determine what whether or
11	not we were provided with all the reports without making a
12	search of central records?
13	A. All reports of what?
14	Q. All reports of the laboratory examinations?
15	A. I don't know. I mean I'm not aware of the
16	request for all the reports on laboratory examinations in
17	this case.
18	Q. Well, wasn't that part of your obligation to
19	find that out?
20	MR. COLE: I object to that question. This witness
21	isn't required to answer what his obligations were. I be-
22	lieve that your foyer request speaks for itself as to what
23	was requested.
24	Q. If you had requested that a search be made of
25	the central records index for laboratory reports on the
26	Kennedy Assassination, would that have assisted your search?
27	A. I don't know.
28	O. But you did not make such a request?

1	A. I requested tremendous numbers of sections of
2	the Kennedy file.
3	Q. From central records?
4	A. Yes.
5	Q. Now, would your search of central records
6	of documents in central records have revealed the existence
7	of tests supplied to the Dallas field office, say?
8	A. Tests supplied?
9	Q. Reports on tests.
10	A. Yes.
11	Q. Allright, did you make any request of the
12	Dallas field office for any reports pertaining to the spec-
13	trographic and neutron activation analysis?
14	A. No.
15	Q. Why not?
16	A. Well, copies of those reports were available
17	from the F.B.I.
18	Q. How could you be certain that we were provided
19	with all of the reports on the spectrographic and neutron
20	activation analysis testing without making a page-by-page
21	search of the entire headquarters files and the entire Dallas
22	field office files on the assassination of President Kennedy?
23	A. I gave you all the reports that existed. Is
24	he asking the question or are you?
25	Q. I'm asking the question. How could you know?
26	A. Based on my search of the records and knowing
27	the items that were subjected to examination, I have found
28	the reports pertaining to those specimens.

1	Q. How could you be sure that the files that you
2	located contained all of them?
3	A. By reading the report and by reading the report
4	and knowing something about scientific examinations, you can
5	determine if that's a partial report or a complete report or
6	states something.
7	Q. How did you know you were going to get the
8	reports on all the specimens?
9	A. All the specimens pertaining to what the re-
10	quest was?
11	Q. Yes.
12	A. That's what I'm limiting myself to.
13	Q. How did you know you were going to get all of
14	them?
15	A. Well, in order to be if the request was for,
16	let's say, spectrographic examinations of certain items, I
17	would look for the reports applying to those items.
18	Q. Now, what and you went to Frazier and he
19	said, look in these file cabinets. What made you think that
20	all of the reports were in that file cabinet in those file
21	cabinets?
22	A. I don't think any of the reports were in those
23	file cabinets.
24	Q. Where were the reports?
25	A. In central files.
26	Q. I thought you told me that you did not look at
27	central files?
28	A. I thought I had said several times, I looked

Ĺ	at numerous sections of this file.
2	Q. Okay. How did you determine what sections to
3	look at?
4	A. I don't remember how I did that.
5	Q. You didn't look at all of them?
6	A. No, certainly not.
7	Q. In order to comply with the request, wouldn't
8	you have to get a list of all of the specimens?
9	A. That possibility is a good one. I mean you
10	might start at that, I don't know.
11	Q. Did you do that?
12	A. I don't remember if I did or not.
13	Q. Okay. How would you get a list of all the
14	specimens?
15	A. Well, you could look at a listing of the speci
16	mens to get the list of specimens.
17	Q. Where would the listing be?
18	A. There's one kept in the laboratory.
19	Q. Where in the laboratory?
20	A. In file cabinets.
21	Q. Well, how are the file cabinets labelled?
22	A. Well, these are the file cabinets I've been
23	talking about.
24	Q. There was a listing of the items of the speci-
25	mens tested in that cabinet?
26	A. Yes.
27	Q. Okay. Now, did you have reference to any
28	indices in the F.B.I. Laboratory?

1	A. If you want to call a listing of specimens an
2	indices, I guess I had reference to that or availability to
3	that.
4	Q. Did you check the Dallas index?
5	A. No. As far as any questions about Dallas, I
6	did not check Dallas about anything in this matter. I per-
7	sonally did not.
8	Q. Did anyone else that you know of?
9	A. I don't know.
10	Q. Was anybody else doing the search?
11	A. Search for what?
12	Q. Search for these materials?
13	A. No, I was assigned the job of doing it or I
14	was responsible other people helped.
15	Q. Is it your testimony that we have been given
16	everything that you have on all the specimens that were
17	tested? .
18	A. Certainly not. Certainly not.
19	Q. What have we not been given?
20	A. Oh, Mr. Lesar, you know a number of things you
21	haven't been given. I've showed you things in the F.B.I.
22	Laboratory and Mr. Weisberg things that you know you have
23	not received.
24	Q. What were those things?
25	A. At least some computer printouts regarding
26	activation analysis work that was done.
27	Q. How many pages of those printouts are there?
28	A. What's a page?

1		Q.	Ordinarily, a sheet of paper.
2		Α.	Okay, in order to get all of that, it would be
3	many hund	reds	and hundreds of pages of Xeroxed material.
4	This is o	n ad	ding machine style paper with channel numbers on
5	one side,	dat	a counts on the other side. So you can't put a
6	lot of it	on	one piece of paper. You just have one little
7	strip on	a pi	ece of paper.
8		Q.	Now, what specimens do these printouts relate
9	to?		
10		A.	Specimens that were irradiated.
11		Q.	By Agent Gallagher at Oak Ridge National Lab-
12	oratory?		
13		A.	Yes.
14		Q.	And this would include the paraffin casts?
15		Α.	Yes.
16		Q.	And it would include the bullet fragments?
17	**	Α.	Yes.
18		Q.	Were there any other items that were subjected
19	to neutro	n ac	tivation analysis?
20		A.	I would categorize the items as the metal items
21	and as pa	raff	in. Those are the only items that I know of
22	that were	exa	mined.
23		Q.	The clothing was not tested by neutron activa-
24	tion?		of the state of th
25 .		Α.	No, it was not.
26		Q.	You testified that Mr. Weisberg was offered
27	certain m	ater	ials and didn't get them and you described
28	them as c	ompu	ter printouts.

1	MR. COLE: Excuse me, you said he testified. Was
2	this at a hearing or was it
3	MR. LESAR: Just right now.
4	A. I didn't testify that he didn't get them. I
5	just said that he was shown them.
6	MR. COLE: That's what I heard but anyway your
7	question is
8	Q. Was he given them?
9	A. He was not given them, no, in response to a
10	question that he had everything and I told you he didn't have
11	everything. There was one item he didn't have.
12	Q. Okay, that he didn't have. Are you aware that
13	Mr. Weisberg made a subsequent request for them? First of
14	all, let me backtrack strike that. When was he shown
15	these?
16	A. It was during a meeting with you, Mr. Weisberg,
17	Tom Bresson, Bob Frazier and myself in the Department of
18	Justice a number of years ago I think it was 1975.
19	Q. Would March, 1975, be approximately correct?
20	A. Yes.
21	Q. Are you aware of any subsequent request that
22	he made for those computer printouts?
23	A. I don't recollect any. I know I've never fur-
24	nished these computer printouts to anyone, so I
25	Q. To anyone?
26	A. No, I don't think I've ever
27	Q. Not to Mr. Nichols or Mr. Vincent Dr. Vin-
28	cent Gwynn?

L.	a. We have never released any information to br.
2	Vincent Gwynn.
3	Q. How about the House Select Committee on Assas-
4	sinations?
5	A. I have no recollection of them ever getting
6	those documents.
7	Q. How about the Senate Select Committee on In-
8	telligence Activities?
9	A. I don't know what that thing was. I don't
10	know that one.
11	Q. The Church Committee.
12	A. I have no recollection of ever of those com-
13	puter printouts being released to anyone.
14	Q. Do you have any recollection of having made a
15	search for the Senate Select Committee on Intelligence
16	Activities?
17	A. Search for what?
18	Q. Search for spectrographic materials?
19	A. No, I don't have a recollection of that.
20	Q. Would the court reporter mark this the next
21	Exhibit number?
22	MR. COLE: It is now 12:15. I think we're probably
23	going to want to go out for lunch. As a matter of fact, if
24	you have as many exhibits as you can give us now, we can
25	look those over and that way we can do this at lunch and not
26	have to take any more time.
27	MR. LESAR: Okay. Let me would the reporter
28	mark this as Exhibit 6, please? Would you mark this as

1	Exhibit 7?
2	MR. KILTY: Are these mine or yours?
3	MR. LESAR: These are mine. That's Exhibit 7
4	there.
5	MR. COLE: This is the November 10th letter is "5"?
6	MR. LESAR: The November 10th letter is "6". Well,
7	there are two (2) November 10th letters, I think.
8	MR. COLE: The one they both have the same head-
9	ings, too. The one with all the stamps all over it is
10	Exhibit 5, isn't it, and the other one is Exhibit 6?
11	MR. LESAR: Exhibit 6, yes.
12	MR. COLE: Exhibit 6 doesn't have any marks on it.
13	MR. LESAR: Exhibit 6 is the one that has the para-
14	graphs numbered one (1) through seven (7).
15	MR. COLE: Allright, okay. Now, what else do you
16	have?
17	MR. LESAR: Well, there will be more this afternoon
18	but I think that's probably about as much as we can handle
19	at the moment.
20	MR. COLE: Okay.
21	(A luncheon recess was taken.)
22	Q. Mr. Kilty, before we broke for lunch, you had
23	described some records that were shown to Mr. Weisberg in
24	March, 1975, at a conference with you and me and Agent Frazier
25	and Mr. Weisberg and said that we had not been provided com-
25	puter printouts. Are there any other materials that we have
27	not been provided?
28	A. I don't know.

T	Q. Were there any others that were shown to do de
2	that time that we've not been provided?
3	A. I think all the paraffin cast material.
4	Q. Any other materials
5	A. I don't recollect any other materials that were
6	shown to you.
7	Q. Okay. Have you had a chance to look at Exhi-
8	bits 5, 6, and 7?
9	A. Yes.
10	Q. And does this reflect your recollection about
11	search that you made for the Senate Select Committee
12	Senate Select Committee on Intelligence Activities?
13	MR. COLE: Objection. I don't think that he ever
14	indicated that he did make a search for Senate Select Com-
15	mittee documents before we broke. Perhaps he did but you
16	may answer it.
17	A. I don't remember making a search for it. Ob-
18	viously, I prepared this memorandum.
19	Q. Yes. Which one are you looking at now?
20	A. Exhibit No. 5.
21	Q. And does that indicate that the Senate Select
22	Committee requested materials pertaining to the spectrographic
23	tests?
24	A. It indicates, yes, item 4 - whatever item 4 was.
25	Q. Do you you still have no recollection of
26	making a search for them?
27	A. No, I don't.
28	O. Do you have before we broke for lunch, you

1	had indicated that you didn't believe that anyone had ever
2	been provided the computer printouts. Is that still your
3	recollection?
4	MR. COLE: Objection. I think that what he said was
5	that he had not provided anyone with the computer printouts.
6	MR. LESAR: The record will reflect that.
7	MR. COLE: I'm sure of it. You may answer what
8	you think
9	A. I have no recollection of anyone getting the
10	computer printouts.
11	Q. And did you handle the provision of such records
12	for the Senate Select Committee on Assassinations and the
13	Senate excuse me, the Senate Select Committee on Intelli-
14	gence Activities?
15	A. From what I see of this item, Exhibit 6, I
16	have gathered some notes together and material and gave them
17	to someone for that Committee
18	Q. Okay. Now, did you also handle the provision
19	of records for the House Select Committee on Assassinations?
20	A. I don't remember if I did or not.
21	Q. Do you recall whether or not they asked for
22	any such materials?
23	A. I don't remember. I don't know if they did or
24	not.
25	Q. Okay. Item excuse me, Exhibit No. 5 indi-
26	cates that Section 21 of 62109060 is on locate and states
27	that this Section contains some spectrographic work sheets
28	that pertain to item 4. How would Mr. Stack know this?

1	MR. COLE: Objection. Could you explain to us
2	that you are asking the witness to comment on this sentence
3	what item 4 is, Mr. Lesar?
4	MR. LESAR: Well, we apparently have not been pro-
5	vided with the request which refers to item 4 at least
6	I did not find it in the materials that I had. However, it's
7	something that we should be provided with. But I don't have
8	it, so I don't know except, I think you can ascertain from
9 .	the context of it, it had something to do that it included
10	a request for spectrographic materials.
11	MR. COLE: I don't know if you can or not. Maybe
12	Mr. Kilty knows.
13	A. Well, if it says this, it appears that the
14	laboratory will be able to meet the deadline. This section
15	contains some spectrographic so it must have something to
16	do with whatever was in item 4.
17	Q. Okay. How would Mr. Stack know that Section
18	21 contained spectrographic work sheets?
19	A. He wouldn't.
20	Q. Isn't he did you write this memorandum?
21	A. Yes.
22	Q. You did. How did you know?
23	A. I must have seen it someplace or somehow I
24	must have, at some time, looked at that Section and seen
25	something in there that was appropriate.
26	Q. And you kept a record of that?
27	A. I don't know. Again, I don't know I don't
28	remember the production of this document and what I was

7	dolling. But whatever it is, that becton 21 mast have, 101
2	some reason, I had to know that Section 21 had some informa-
3	tion of interest in it. At least I thought it did.
4	Q. How could you have known that?
5	A. It's probably one of the Sections I looked at
6	at some time or another.
7	Q. And you maintain you made a list of what you
8	had looked at, would that be
. 9	A. I don't think I did.
10	Q. Did you just recall that Section 21 had the
11	materials?
12	A. I would not think that I did but I can't remem-
13	ber how I how that information came to me.
14	Q. This says that Section 21 is on locate. What
15	does that mean?
16	A. Well, evidently, I called the file and it wasn't
17	where it was supposed to be or T called the Section and it
18	wasn't where it was supposed to be, so I asked the people to
19	locate it for me.
20	Q. You called the file?
21	A. Excuse me, I called the Section.
22	Q. The Section what Section?
23	A. Section 21 of that file.
24	Q. Who did you ask for Section 21?
25	A. I don't know whether it's service unit or
26	central records whoever keeps 3421 is the number.
27	Q. Okay. So, you had some record that indicated
28	that this might contain some materials and then you called

1	central records and asked them to produce the Section 21?
2	A. Yes.
3	Q. And does the fact that it is on locate indicate
4	that they had some difficulty finding it?
5	A. I don't know if they did or not.
6	Q. Would how soon you called them up and
7	asked them to find to give you Section 21. How soon would
8	they be able to tell you that they'd provide it?
9	A. Well, when it's on locate, they can't tell you
10	how long it will take them to locate it.
11	Q. Wouldn't they simply go to the appropriate file
12	and pull it?
13	A. Sure. It wasn't there.
14	Q. It wasn't there.
15	A. No.
16	Q. Do you recall where it was?
17	A. Someone else had it.
18	Q. Who?
19	A. I don't know.
20	Q. Was it another Division?
21	A. I say I don't know who had it.
22	Q. Okay. Is there a record of who checks out such
23	materials?
24	A. I think so. I mean that's usually how they
25	find it. Go and see who checked it out last like a book in
26	a library.
27	Q. Allright, Exhibit 6 states that which is a
23	memorandum from Mr. Stack to Mr. Cochran, dated November 10,

1	1975 states that four (4) pages of worksheets and notes
2	prepared by former Special Agent
3	MR. COLE: You are referring to numbered paragraph
4	three (3), Mr. Lesar?
5	MR. LESAR: That's correct.
6	MR. COLE: Okay.
7	Q. Four (4) pages of work sheets and notes prepared
8	by former Special Agent John F. Gallagher concerning the
9	spectrographic analysis of "Q14" and "Q15" (scrapings from
10	inside of the window.)
11	A. Windshield.
12	Q. Windshield. Were provided to the Senate Select
13	Committee on Assassinations.
14	A. I don't know if they were or not, sir. These
15	were delivered to someone else in the F.B.I. I did not
16	furnish the Senate Select Committee with anything.
17	Q. Did you write this memorandum?
18	A. Yes, I did.
19	Q. Do you know whether those materials were pro-
20	vided us?
21	A. I have no idea.
22	Q. Can you determine by examining the materials
23	that you brought with you today?
24	A. I probably could.
25	Q. Would you take a minute to do so?
26	A. It looks like this is the work sheet that cor-
27	responds to this material.
28	O Okay Could you identify it by date?

1	A. Well, it's work sheet labelled PC-78243BXJVGH
2	made up of two (2) pages of work sheet and two (2) pages of
3	notes.
4	Q. Allright.
5	MR. COLE: Just for the record, I'd like to add
6	that the two (2) pages of notes have been previously marked
7	as "2-A" and "2-B" Exhibits in this deposition.
8	Q. There is a note on page two (2) of Exhibit 6
9	which indicates that says many of the enclosures have ad-
10	ministrative notes and file numbers typed or written on them.
11	In FOIA requests, these are normally deleted. However, ac-
12	cording to ground rules set down in the November 7, 1975,
13	meeting, excisions cannot be made except for certain confi-
14	dential items such as informant's names. Did you were
15	excisions made in the materials that were provided to Mr.
16	Weisberg?
17	A. Well, you can look at the materials that were
18	been provided him and I can tell you if there were or not.
19	Q. Well, let's
20	A. I can see a little area where it may have been
21	covered when it was Xeroxed.
22	Q. What area is that that you
23	A. I don't there's nothing on this one that
24	has been. It looks like, at this point right here, something
25	was taken out.
26	Q. Now, what would you look at Exhibit 8, which
27	I believe was not identical with the one that you were refer-
28	ring to but to the next document in Exhibit 2, is that correct?

	11		
	1	MR.	COLE: Exhibit 8. This has been marked as
	2	"Exhibit 8?	
638	3	MR.	LESAR: Exhibit 8, yes.
	4	A.	Yes.
	5	Q.	Is it identical with it?
	6	A.	Well, it's not identical.
	7	Q.	Is it the same document?
	8	A.	It's the same document, yes.
	9	Q.	What's the difference?
¥	10	Α.	This part here is Xeroxed out.
	11	Q.	All the file numbers were Xeroxed out?
	12	Α.	This is where all the file numbers are, there
	13	is	
	14	Q.	File number, lab number, PC number, date?
0	15	Α.	Yes.
	16	Q.	The name of the examiner?
	17	Α.	Yes.
	18	Q.	Why was that done?
	19	A.	I don't know.
	20	Q.	Were you the one who did it?
	21	A.	Yes. I did this because I was told to do it.
	22	Q.	Who told you?
	23	A.	I don't know who told me directly.
	24	Q.	You don't recall who told you to do it?
	25	A.	No.
	26	Q.	Was there any Freedom of Information Act ex-
0	27	emption that	you were relying on?
	28	A.	I wasn't
		11	

1	MR. COLE: Objection. Asking for a legal conclu-
2	sion by this witness.
3	A. I was not relying on any Freedom of Information.
4	I was told what to do by someone in legal counsel.
5	Q. In the legal counsel's office?
6	A. Yes.
7	Q. Would that have been a Mr. Blakey, by any
8	chance Bresson?
9	A. Might have been. It might have been him.
10	Q. Okay. Allright. Okay, going back to Exhibit
11	7, which is a November 26, 1975, letter from the Senate Select
12	Committee on Intelligence Activities to Mr. Shaheen. I
13	direct your attention to item seven (7) on page two (2).
14	This is a request for items of evidence and item seven (7)
15	is for, it says, with respect to the investigation of the
16	assassination of President Kennedy, all materials pertaining
17	to any spectrographic analyses performed, including that per-
18	formed by Special Agent John Gallagher. Did you handle this
19	request?
20	A. I don't recollect handling it.
21	Q. Did you ever see this document before?
22	A. I don't remember. Well, it has something wri-
23	ten on it by me.
24	Q. So, you did see it.
25	A. Evidently, so. I don't remember seeing
26	it.
27	Q. Did you, in response to this request, provide
28	any further materials to the Select Committee on Assassina-

1)	CIOUS:	
2	A	. Well
3	Q	. Excuse me, Select Committee on Intelligence
4	Activities.	4
5	A	. I didn't ignore it, so I will assume that I did
6	supply some	thing to them.
7	Q	. But you don't know what you supplied?
8	A	. I don't have a recollection of what I supplied,
9	no.	
10	Q	. You have no recollection that you provided com-
11	puter print	outs to them?
12	A	. I have no recollection of supplying computer
13	printouts t	o anyone.
14	Q	. In response to the earlier Exhibit Exhibit
15	5 I thin	k you said that you did not get the records for
16	the Senate	Select Committee on Intelligence Activities, was
17	that your t	estimony?
18	A	. I did not give the records to them?
19	q	. Yes.
20	A	. No, I did not.
21		. You did not. Did you get them for somebody else
22	to give to	them?
23	A	. Yes. I am assuming that these records got
24	there some	way. I know I did not deliver them to them.
25		: But you conducted the search for them and some-
26	body else t	urned them over.
27	A A	. I prepared the documents, evidently, and gath-
28	ered them t	ogether.

Q. Wouldn't the -- let's look at this request on item seven (7) on Exhibit 7 again. It says, all materials pertaining to any spectrographic analysis performed. Would that include the computer printouts?

A. No.

Q. I want to go back to Exhibit 4 which is your Affidavit of May 13, 1975. Paragraph five (5) says -- oh,

Affidavit of May 13, 1975. Paragraph five (5) says -- oh, excuse me -- paragraph four (4) has four (4) paragraphs, "a", "b", "c", "d", and I note that in some of them, particularly -- let me go to paragraph five (5). Paragraph five (5) and this is a statement of material that you have provided Mr. Weisberg in connection with this case and says, all available data relating to the above consists of twenty-two (22) pages also furnished to Mr. Lesar by SA Bresson on March 31, 1975. Why didyou use the word, available?

A. I have no recollection why I used the word, available.

- Q. At that time, were you aware that there was any material that you could not locate that Mr. Weisberg want -- had requested?
 - A. I don't remember.

Q. Going down to the seventh paragraph of your Affidavit, you state, with regard to the interrogatories submitted by Mr. Weisberg, the affiant states that the FBI Laboratory employed methods of elemental analysis, namely, neutron activation analysis and emission spectroscopy. Neutron activation analysis and emission spectroscopy were used to determine the elemental composition of the borders and

1	edges of holes in clothing and metallic smears present on
2	windshield and curbstone. What did you base that statement
3	on?
4	A. I don't remember what I based it on.
5	Q. What could you have based it on?
6	A. Information that I had.
7	Q. Information from who or what?
8	A. I know what you're interested in there. Why
9	don't you ask the question?
10	Q. Well, why don't you answer my question first.
11	A. I don't know.
12	Q. Well, did somebody tell you that this was true?
13	A. No.
14	Q. You knew it of your own personal knowledge?
15	A. Knew what?
16	Q. That these statements in this that I've just
17	read are true that neutron activation analysis and emis-
18	sion spectroscopy were used to determine the elemental com-
19	position of the borders and edges of holes in clothing and
20	metallic smears present on windshield and a curbstone?
21	MR. COLE: Mr. Lesar, I think I would like to object
22	at this point. We all know that there was a supplemental
23	correction to this paragraph. You're aware of that; I'm
24	aware of that. The witness is aware of that. There was a
25	statement in here that was incorrect which he clarified a
26	short time after this paragraph was written.
27	Q. I would like an answer to my question is what
28	was the basis for this statement?

I	A. I don't know.
2	Q. Did you search any records prior to making this
3	statement?
4	A. I don't know.
5	Q. Well, how could you have made this statement
6	without checking the records?
7	A. I don't know.
8	MR. COLE: I object to that question. This is
9	getting to the point that it is badgering the witness.
10	Q. Was the statement, in fact, correct?
11	A. Which statement?
12	Q. The last sentence of paragraph seven (7)?
13	A. There is a mistake in that statement as you
14	know.
15	Q. What is the mistake?
16	A. The fact that neutron activation analysis was
17	applied to the clothing and windshield and curbstone.
18	Q. Now, was it which was it not applied to
19	any of those?
20	A. Neutron activation analysis examinations were
21	not conducted, were not performed and results not obtained
22	from
23	Q. Now, wait, which let's
24	A. All those items; all those things on anything
25	other than metal fragments and paraffin casts.
26	Q. So that well, let's see. You state that
27	it was performed here on a windshield.
28	A Vac

1		₹.	Is that true?
2	1	Α.	It was not performed on a windshield.
3		₹.	It was not performed on a windshield.
4		Α.	On a windshield.
5		Q.	What was it performed on?
6		Α.	It was performed on some metal objects.
7		Q.	You mean was it performed on a scraping from
8	a windshie	ld?	
9		Α.	The test was not completed on a scraping from
10	the windsh	iel	d. Spectrographic analysis was used to examine
11	the metal	scr	apings from the windshield of the automobile.
12		Q.	And neutron activation analysis was not used
13	at all?		
14		Α.	On what?
15	4	Q.	On the scraping from the windshield?
16		A.	Yes, it was used. It started the the materi-
17	al, eviden	tly	was put in the nuclear reactor as you know.
18		Q.	Why do you say evidently?
19		Α.	Because of the documents that I searched and
20	that you h	ave	, it clearly shows that it was.
21		Q.	Okay. It was put in the reactor.
22		Α.	Yes.
23		Q.	Would you mark this, please, as the next Exhibit?
24		MR.	COLE: Mr. Lesar, maybe if we knew where you
25	were heade	d,	we could take a little less time to go through
26	this. Is	the	re any kind of is there anything that you
27	are search	ing	for that perhaps you could just say
28		MR.	LESAR: We will be getting to that shortly.
	11		

1	MR. COLE: Maybe if you told as now what you were
2	trying to do, you might get it a little faster.
3	MR. LESAR: I'd prefer to just examine in the
4	regular course.
5	MR. COLE: And I certainly disagree that this is
6	anybody's regular course but you have the option of doing it
7	however you like.
8	Q. Is
9	MR. COLE: Now, this is Exhibit 9.
10	MR. LESAR: Exhibit 9, yes.
11	Q. Directing your attention to Exhibit 9, is
12	that the Exhibit that you were referring to just a minute ago?
13	A. I wasn't referring to any Exhibit; I was refer-
14	ring to a page of information I gave you
15	Q. Is that it?
16	A. On which this appears.
17	Q. Yes. This is the page, is that correct?
18	A. Yes.
19	Q. Yes. Now, if the at the time that you pro-
20	vided these materials to Mr. Weisberg back in 1975, did you
21	provide this to Mr. Weisberg in 1975?
22	A. I don't know. I don't know when it was.
23	Q. Could you check the materials that you provided
24	us. I think you'll find it there.
25	A. I agree you will. You know when it was pro-
26	vided.
27	Q. Okay. The letters that you have brought here
28	in Exhibit 2 will state when it was provided.

1	A. Go to that, sir, if you want to know.
2	Q. Did you at the time that you provided this
3	to Mr. Weisberg, did you search for any other records relevant
4	to this test?
5	A. No, I did not.
6	Q. Why not?
7	A. Well, these are the items that he wanted the
8	pages in that spiral notebook.
9	Q. Ordinarily, would there not be additional records
10	such as work sheets, that would reflect calculations on them?
11	A. It's quite clear if you look at this in context
12	with all the pages that were given to you, you will find that
13	there are all sorts of calculations and items of interest on
14	the pages.
15	Q. Yes. Now but there are no such calculations
16	on "Q15"?
17	A. That's right.
18	Q. Now, when you saw that, did that cause you to
19	institute a search for such pages?
20	A. No.
21	Q. Why not?
22	A. Because I knew what "Q15" was.
23	Q. What was it?
24	A. Scraping from a windshield.
25	Q. Why did that explain to you why no further
26	search was necessary?
27	A. Because the piece of lead was so small that it
28	could not produce the activity that would be worthwhile

1	measuring.	
2	Q. T	here was a piece of lead?
3	A. Y	es. Haven't you seen the results of the
4	spectrographic	examination?
5	Q. W	hat happened to that specimen?
6	A. I	don't know.
7	Q. W	hat quantity of material is necessary to per-
8	form a neutron	activation analysis?
9	A. D	epends entirely on the material.
10	Q. W	'ell, let's assume that it was bullet lead from
11	a windshield so	eraping.
12	A. V	That are you trying to do by neutron activation
13	analysis?	
14	Q. I	Perform the test that to determine its ele-
15	mental composit	ion.
16	A. V	Well, based on what we know about lead, you
17	should not, pro	bably, examine a specimen less than a milligram
18	in size. Once	in awhile, that happens that we do. Simply,
19	is not very wo	rthwhile.
20	Q. 1	Now, was this specimen less than a milligram in
21	size?	
22	Α.	I don't know what the weight of it was.
23	Q.	How big a specimen do you need to test it by
24	spectrographic	analysis?
25	A.	In bullet lead you're talking about?
26	Q.	Same sample.
27	Α.	Oh, a few micrograms, you can get a spectrum
28	from.	

1	Q. Does it take more or less than neutron activa-
2	tion analysis?
3	A. Now, I don't want to give an answer positively
4	because, simply, that's too broad a question for this. I
5	think if you want to come to our laboratory sometime or
6.	consult with you on some weekends about this or something, I
7	can tell you about it but I think it's just ridiculous to try
8	to pin myself down as to whether one thing requires more of
9	a sample than another method of analysis. There are lots of
10	parameters that go into determining what you examine, how you
11	examine it, what you're looking for.
12	Q. Let's talk about "Q15".
13	A. Yes.
14	Q. Assuming that you could perform spectrographic
15	analysis on it, could you also perform neutron activation
16	analysis on it?
17	A. Not necessarily.
18	Q. Why not?
19	A. Maybe the sample wasn't clean enough for activa-
20	tion and we couldn't get an accurate weight of it. Maybe it
21	wasn't big enough. Maybe we didn't have enough there.
22	Q. Well, now, if it was big enough do I under-
23	stand you to say that if it was big enough for neutron activa-
24	tion analysis, it would not be big enough for spectrographic
25	analysis?
26	A. No, I don't know if you understand whether
27	that's right or not but this is exactly going into a situation

that I simply don't think you're capable of understanding.

1	Q. Would Gallagher know whether or not it was
2	capable of neutron activation analysis?
3	A. You could have asked him.
4	Q. Would he know before he made the test?
5	A. I don't know.
6	Q. Would he take it down to Oak Ridge without know-
7	ing the answer?
8	A. I don't know.
9	Q. Does "Q15" exist any longer?
10	A. I don't know.
11	Q. Are you familiar with the testimony of Dr.
12	Vincent Gwynn before the House Select Committee on Assassina-
13	tions?
14	A. I've heard part of it, yes.
15	Q. Have you heard that when he went to examine
16	"Q15" by means of neutron activation analysis that there was
17	no specimen there?
18	A. I don't remember him saying that, no, but if
19	you said that
20	Q. Assuming that's true, what would be the explana-
21	tion for it?
22	A. I don't know.
23	Q. Is it possible that the specimen was consumed
24	in spectrographic analysis?
25	A. I don't know.
25	Q. Is it possible, I'm asking. I'm not asking
27	A. Anything, sir, is possible.
28	Q. Is it possible that the entire specimen was

1	consumed in spectrographic analysis and so there was nothing
2	left for neutron activation testing?
3	MR. COLE: Objection. The witness has already
4	answered the question. He said anything is possible. That
5	includes what you just said.
6	Q. Allright, would you answer? Would the court
7	reporter read the question back?
8	A. You have to re-phrase it. I can't make intel-
9	ligence of it.
10	Q. The question was whether or not it's possible
11	that the "Q15" specimen was consumed during the spectrographic
12	examination of it?
13	A. If a sample is subjected to spectrographic anal-
14	ysis, it is consumed.
15	Q. The entire sample?
16	A. Whatever is in the electrode is consumed.
17	Q. Now, did I presume that the F.B.I. knew this
18	in 1963 or 4 when they tested this.
19	MR. COLE: That is not a question to this witness.
20	MR. LESAR: I'm asking him.
21	MR. COLE: You're asking him what?
22	MR. LESAR: Would that have been within the realm
23	of knowledge of the F.B.I. in 1963, '64 that the testing
24	would destroy the sample?
25	A. That item analyzed it would destroy emission
26	spectrographic examination would destroy the item that's in
27	the electrode.
28	Q. So that if the entire "Q15" sample was put

1 3	was sparked, then it would be destroyed?
2	A. Assuming that entire "Q15" material was put in
3	the electrode, it would all be consumed.
4	Q. Now, if the specimen had been specimen "Q15"
5	had been subjected to neutron activation analysis prior to
	any spectrographic testing, would the same also have occurred?
7	A. What do you mean the same?
8	Q. Would it have been destroyed?
9	MR. COLE: You mean during the neutron activation
10	analysis or during the subsequent spectrographic analysis?
11	MR. LESAR: During the neutron activation testing.
12	A. For metal material, like lead, neutron activa-
13	tion does not consume the material.
14	Q. And this was within the knowledge of the F.B.I.
15	in 1963 and '64?
16	A. Yes.
17	Q. Given that fact, why would you test it by means
13	of spectrographic analysis rather than neutron activation
19	analysis?
20	A. I don't know. Mr. Lesar, you had the man who
21	did all that work.
22	Q. I'm still puzzled about his testimony.
23	A. Why ask me?
24	Q. It's evident from Exhibit 9 that "Q15" was placed
25	in the reactor, does it not?
26	A. Yes, that's right.
27	Q. Now, why would Agent Gallagher have placed a
28	non-existing specimen in the reactor?

1		A.	We're not aware that there was a non-existent
2	specimen.		
3		MR.	COLE: I certainly object to that question. It
4	assumes a	lot	of things that I don't think this witness has
5	indicated	are	true.
6		Q.	Okay. So, I draw the inference from your
7	comment, t	hat	you think there was a "Q15" in existence at the
8	time it we	ent	into the reactor.
9		A.	There was an item of material labelled "Q15",
10	yes.		
11		Q.	And it, presumably had some bullet fragment
12	scraping	in i	t.
13		Α.	I'm not presuming what it had in it.
14		Q.	Assuming that it there was something there.
15		Α.	Yes.
16		Q.	To be tested, would there have been a computer
17	printout.	of t	he results?
18		Α.	Yes.
19		Q.	Would there have been a computer printout if
20	there had	bee	an anything at all?
21		A.	Yes.
22		Q.	Okay. Did you make any check to see whether
23	there was	any	computer printout of this specimen?
24		MR.	COLE: Objection. I believe that the subject
25	of comput	er p	rintouts at the time that the original search
26	was done	has	already been addressed and the witness has
27	indicated	tha	at that was not something that Mr. Weisberg
20			

1	MR. LESAR: Since then, there's been a subsequent
2	request.
3	Q. Have you made any search to determine
4	MR. COLE: Objection. What subsequent request are
5	you talking about before we go into that?
6	MR. LESAR: Mr. Weisberg says - informs me - that
7	he has made a request, in writing, for the computer printouts.
8	MR. COLE: If we're going to talk about something
9	of that sort, we'd certainly like to know when that request
10	in writing was made and have a look at it before we pursue
11	that line of questioning.
12	MR. LESAR: Okay. I would like to have this marked
13	as an Exhibit, please.
14	MR. COLE: Okay, I'd like to take a five (5) minute
15	recess to look at, I guess, what you are going to have marked
16	as Exhibit 10, is it?
17	MR. LESAR: Ten (10).
18	(A brief recess was taken.)
19	MR. COLE: Before we proceed any further, I'd like
20	to put something on the record regarding the computer print-
21	out for "Q15". We have spent a lot of time discussing this
22	and while I previously asked Mr. Lesar to explain what it was
23	that he wanted and he refused to give me an answer on that,
24	I would like to state that if what Mr. Lesar is interested in
25	is the computer printout which previously his client told us
26	that he did not want, we have brought those with us.
27	MR. WEISBERG: Wait a minute! I didn't say that.

I'll object to it, Harold.

28

MR. LESAR:

MR. WEISBERG: I never said that. 1 MR. COLE: I would also object to Mr. Weisberg in-2 serting himself into the situation rather than... 3 MR. WEISBERG: Well, you said that I didn't say... 4 MR. COLE: Rather than counsel which is capable of 5 acting on his behalf. If that is what is desired by this 6 line of questioning, we have those documents with us today 7 and we are willing to give them to you and your client at this 8 9 time. MR. LESAR: You have all of the computer printouts? 10 MR. COLE: We have the computer printouts for "Q3" 11 12 and "Q15". 13 MR. LESAR: Oh, certainly, we would -- Mr. Weisberg has stated that he had requested them and we want them. 14 15 MR. COLE: Maybe Mr. Weisberg has stated that but 16 I can assure you that none of us was aware of that. 17 MR. LESAR: Mr. Weisberg has informed me that he 18 recalls that prior counsel for the Department had assured the 19 Court that we had been given all these materials which was 20 not true but we would be happy to accept them. 21 MR. COLE: I am incapable... I don't know which 22 statement you're saying is untrue but all I'm saying is that 23 we have them here. If that's what you are interested in, 24 that will be provided to you at this time. 25 MR. LESAR: Do you have all the printouts? 26 MR. COLE: For "03" and "Q15". 27 MR. LESAR: But not for the others -- the other 28 items?

MR. COLE: These are items which, as I said before, we had understood were things that were not desired by your client. In the context of what has gone on in the last few months, we assumed that maybe these were things that you would now want to have.

MR. LESAR: We would -- we would accept the computer printouts for "Q3" and "Q15" today but we would also request that the computer printouts for all the remaining evidence be provided also.

MR. COLE: Let me just adjourn for a moment with others here and see if that's something that can be considered.

(A brief recess was taken.)

MR. COLE: Mr. Lesar, I would now hand you the items that we are turning over to you today, which are the spectrographic analysis of -- pardon me -- neutron activation analysis of "Q3" and "Q15". I would like to ask that these be marked as Exhibits so that they will be a permanent record in this proceeding. I will state that, even though it is, I think, beyond any doubt, that this was not within the scope of your client's request and that he, specifically, denied, at one point, that he wanted these items. We will make the others available within the next two (2) weeks. It is a substantial problem for the F.B.I. to do this. It will take a great deal of time and the information -- there is no information that anyone, other than a trained researcher in this field, can make out of this material but you have requested it and, in order to attempt to end this litigation finally,

we will make them available to you and your client. 1 clarify for the record, Mr. Kilty informs me that these are 2 not neutron activation analyses; they are computer printouts 3 that, themselves, have to be interpretted to form the basis 4 for any subsequent analysis. 5 MR. LESAR: Allright, Mr. Weisberg has asked me to 6 state, for the record, that, not only did he not refuse these 7 records but that when he learned that this was the F.B.I.'s 8 position, that he wrote, protesting that and denying that. Now, there are three (3) copies of each of these, I see. 10 MR. KILTY: No, there are not. It's one (1) copy 11 of everything. There's only one (1) copy. 12 MR. LESAR: This is different. You're right. 13 is only one (1) copy. Allright, let's mark them separately. 14 Let's -- there are three (3)... Why don't you identify each 15 one that is stapled together and we'll have it marked with an 16 Exhibit number. 17 MR. KILTY: To the best of my knowledge, this is 18 19 a spectrum of an item identified "Q3". 20 MR. LESAR: Would you mark that, please, with the 21 next Exhibit number? MR. KILTY: To the best of my knowledge, this is an 22 23 item that is marked -- or it has data in it from items marked 24 "Q3A, B, and C". 25 MR. LESAR: . Would you mark this, please? 26 MR. KILTY: To the best of my knowledge, this is an 27 item that is neutron activation data that was obtained from 28 item identified as "Q3".

1	MR. LESAR: Would you mark that, please?
2	MR. KILTY: And this is a neutron activation print-
3	out, identified as "Q15".
4	MR. LESAR: Would you mark that, please?
5	Q. Now, Mr. Kilty, just directing your attention
6	to Exhibit 14, which you've identified as computer printout
7	for the testing of "Q15", does that reflect that there were
8	some results obtained as a result of the neutron activation
9	analysis?
10	A. What are results?
11	Q. Some data indicating the composition of the
12	specimen?
13	A. I don't know.
14	Q. Well, there are a variety of figures there and
15	they're not all zeroes. Does that indicate that there was
16	some detectible presence of some substance was measured?
17	A. Might have been. Might have been. That could
18	be.
19	Q. So that you would it would be your inference
20	from these figures that there was something in the "Q15"
21	specimen that was tested.
22	A. No, my inference that's your inference.
23	Q. Do you join me in that inference?
24	A. No.
25	Q. Why not?
26	A. Because I don't know what it is. I don't know
27	what's producing the radioactivity. If there is radioactivity
28	produced, I don't know what the background for the counting

room at that time was or anything. So, I'm simply not inferring anything from that.

Q. Allright, now, directing your attention to your June 23, 1975, Affidavit, you state, in paragraph eight (8), concerning Plaintiff's allegation that, although NAA testing was conducted on the clothing of President Kennedy and Governor Connally, he has not been furnished the results of this testing: further examination reveals that emission spectroscopy only was used to determine the elemental composition of the borders and the edges of holes in clothing and metallic smears present on a windshield and curbstone. NAA was used in examination of certain metal fragments, and plaintiff has already been furnished material relating to these examinations. NAA was not used in examining the clothing, windshield, or curbing. What was the basis for that statement?

- A. Information that I had.
- . Q. Where did you get the information?
 - A. Evidently, from something in the F.B.I.
- Q. This is directly -- directly contradicts your prior Affidavit, does it not?
 - A. No.

- Q. Well, didn't you state in the prior Affidavit that the clothing, the windshield and the curbing had been subjected to testing by neutron activation analysis?
- A. Yes. It does not directly and opposite to everything that was said in that paragraph. I added neutron activation analysis in the first Affidavit which I shouldn't have. This is clarifying it, as you know.

1	Q. So, there was no basis for neutron activation
2	analysis in the first Affidavit for including that?
3	A. It was a mistake. I should not have included
4	it.
5	Q. How did the mistake occur?
6	A. Being born, I guess, causes one to make mistakes
7	sometime before they die.
8	Q. Now, in this second Affidavit, you stated that
9	NAA was not used in examining and you have here the windshield.
10	You have just given us Exhibit 14 which is a computer printout
11	for the NAA on "Q15". How do you reconcile the statement in
12	this Affidavit with that fact?
13	A. Quite clear. I knew that something was present-
14	ed to a nuclear reactor at the time because of the notes I
15	gave you that you could see "Q3" and "Q15". There are no
16	calculations regarding the quantitative analysis done on those
17	specimens which indicated to me that there was nothing was
18	done to completion on those specimens for some reason.
19	Q. Your Affidavit does not indicate that. It states
20	flatly that it was not used in examining the curbstone. What
21	you're telling me is now that you knew that it was examined.
22	A. Well, what do you mean by examine then?
23	Q. Well, you used it in
24	A. Okay, I'll tell you what I use I mean, then
25	maybe It means an examination, to me, is the total analy-
26	sis and handling of a specimen which produces some kind of a
27	report or final comment or final opinion regarding the total-

28 ity of all the tests and material that you went through on

1	that specimen.	
2	Q. Well, this produced a computer printout, didn't	
3	it?	
4	MR. COLE: Mr. Lesar, I think you've gotten to the	
5	point now that you're really badgering the witness. He's	
6	told you exactly what he did and what he means by these terms	
7	Q. As I understand what you're saying are you	
8	saying that if you submit something for testing and you don't	
9	like the results, it's not a test?	
10	MR. COLE: I think that's badgering the witness,	
11	Mr. Lesar.	
12	MR. LESAR: Does the witness concur?	
13	A. Oh, that's a ridiculous question unworthy of an	
14	attorney.	
15	Q. Are you an attorney by the way?	
16	A. No, I'm not.	
17	Q. Were there any examiner's notes on "Q15"?	
18	A. None that I can locate. These notes page	
19	that I took with all the other pages of data here, I think	
20	might have something over here. I don't know but that's what	
21	I find on "Q15".	
22	Q. Okay. Could calculations be made from the data	
23	that you just gave me in Exhibit 14?	
24	A. What kind of calculations?	
25	Q. The same kind of calculations that the examiner	
26	made on the other items subjected to NAA?	
27	A. I don't know.	
28	Q. In Okay. In paragraph three (3) of your	

1	une 23 Affidavit, you state that a thorough the last	
2	entence of it a thorough search has uncovered no other	
3	aterial concerning the spectrographic testing of the metal	
4	mear on the curbing. What was the nature of the search the	at
5	ou made?	
6	A. I don't, offhand, know what search I made the	1.
7	Q. Do you recall that you called Agent Heilman?	
8	A. Yes, I do. Yes, I do. I remember talking to	
9	im on the phone from Florida.	
10	Q. Who was in Florida?	
11	A. He was.	
12	Q. He was. And what did you ask him?	
13	A. I remember asking him if he had any idea wher	e
14	spectrographic plate could be.	
15	Q. And what did he say?	
16	A. He told me that he didn't remember what he di	d
17	with the plate. Basically, that is my recollection of it.	
18	That it might have been put in the plate drawer which cause	d
19	it to be subsequently destroyed.	
20	Q. Put in a plate drawer?	
21	A. Yes.	
22	Q. What's the plate drawer?	
23	A. It's a drawer you put plates in.	
24	Q. Is it also called a file or what is it, where	
25	is it describe it for me, please.	
26	A. It's a drawer in which you put spectrographic	
27	plates in.	

а

Now, are these glass plates?

1		Α.	Yes, they are.
2		Q.	And they're different, therefore, than the photo-
3	graphs or	the	photoplates that you were talking about earlier?
4	Are there	two	(2) different types of spectrographic plates?
5		Α.	Well, there are many, many, many types of spec-
6	trographic plates.		
7		Q.	Allright, the ones made in this case. Are they
8	glass or s	ome	other
9		A.	They are glass.
10		Q.	Allright. And they're kept in a drawer where?
11		A.	After they're used or, I mean, after they're
12	exposed?		
13		Q.	After the test is made, yes. After the test is
14	made.		
15	-	MR.	COLE: Are you talking about plates in this
16	case or p	late	s, generally?
17	7	MR.	LESAR: In this case.
18		MR.	COLE: Allright.
19		A.	Well, the plates in this case
20		Q.	Let's talk about okay, do it, generally, first
21	and then we'll take this case. Generally, where are the plates		
22	stored?		
23		A.	In a plate drawer.
24		Q.	Okay. Where is the plate drawer located?
25		A.	It's in the room where they do the emission
26	spectrogr	aphy	in the F.B.I. Laboratory.
27		Q.	Okay. In this case, what happened to them?
28		Α.	Plates were put in one of the drawers that I

1	searched to find materials in this matter in the box.
2	Q. Okay. This is different than the two (2) file
3	cabinets you were talking about earlier.
4	A. No, it's not.
5	Q. They were in that file cabinet?
6	A. Yes. Yes.
7	Q. All of the spectroplates in this case were in
8	those file cabinets that you testified earlier that you
9	searched?
10	A. All the plates that I found in this case were
11	in that file cabinet.
12	Q. Allright. Now, did you consider it unusual that
13	you did not find a plate for the curbstone, "Q609"?
14	A. I had no feeling whether unusual. I wanted to
15	find one because it was, obviously, the sample was burned,
16	so I know that there should have been a plate created.
17	Q. What did Agent Heilman suggest to you? Did he
18	make any other suggestion as to where it might be?
19	A. Any other suggestion than what?
20	Q. Than I think you testified that he said it
21	might be in the spectro drawer.
22	A. I don't remember him suggesting that. I thought
23	he suggested that it was thrown away. That was the only
24	suggestion he gave me. That if it wasn't with all the Kennedy
25	Assassination plates, that it would have been destroyed.
26	Q. Did you believe that explanation?
27	A. Of course, I did.

You didn't consider it unusual that just one,

1	(1) plate would be thrown away?		
2	A. Well, this was done completely at a different		
3	time and by a different examiner that did all the other work		
4	in this case and he may not have attached his plate to where		
5	the other plates were.		
6	Q. Well, what would he have done with it.		
7	A. Put it in the plate drawer with all the other		
8	cases.		
9	Q. Aren't you aren't they aren't isn't the		
10	F.B.I. required to keep plates for a certain amount of time?		
11	A. Yes.		
12	Q. How long is that?		
13	A. Whatever the memorandum of destruction says,		
14	which, I think		
15	Q. Would you say five (5) years?		
16	A. No, I don't know what it says.		
17	Q. And if the plate were removed from that file		
18	drawer, would there be a record of that?		
19	A. What do you mean removed from the file drawer?		
20	Q. Well, if somebody takes the plate, I assume		
21	that somebody just can't go in and take it home with him or		
22	something without making a record.		
23	MR. COLE: Mr. Lesar, are you talking about within		
24	the period before the destruction mandated by the F.B.I.		
25	memorandum?		
26	MR. LESAR: At any time.		
27	A. There is no record maintained as to when a plate		
28	is removed from the plate drawer.		

1		Q.	Okay. Is there any record that mo	ist be marn-
2	tained as	to t	the destruction of a plate?	
3		Α.	No.	
4		Q.	You can destroy the plate without	making any
5	record of	it?		
6		A.	Record is made of the plates that	were created
7	prior to a	a cer	ctain date are destroyed.	
8		Q.	Okay. Now, do you destroy plates	in an open
9	case?			
10		Α.	I don't destroy plates.	
11		Q.	Does anyone at the F.B.I.?	
12		Α.	We don't destroy any records any r	nore.
13		Q.	Okay. Would you have destroyed the	nem at any
14	time sinc	e th	e Assassination of President Kenned	iy?
15		Α.	Any plates the plates in the Ke	ennedy case,
16	you're ta	lkin	g about?	
17		Q.	Yes.	
18		MR.	COLE: When you say, would you have	ve, are you
19	speaking	of M	r. Kilty or the F.B.I.?	
20		MR.	LESAR: Would the F.B.I.?	
21		Α.	Well, again, are you assuming the	Kennedy case
22	is an ope	n ca	se?	
23		Q.	Well, to the best of my recollect	ion, the
24	Director	of t	he F.B.I. declared that it would a	lways remain
25	an open c	ase	and I know of no one who has decla	red that it was
26	a closed	case		
27			0.0 4.0	

Q. As a matter of fact, the F.B.I. just recently

1	incited e	xemp	cion
2		MR.	COLE: Rather than having testimony on this
3	subject,	why (don't we have a question to the witness.
4		Q.	Mr. Weisberg's allright, did you ask Agent
5	He ilman i	f he	destroyed it?
6		A.	No, I didn't.
7	_	Q.	Did you ask him who might have destroyed it if
8	he didn't	?	
9		Α.	No.
10		Q.	Did you make any investigation to determine who
11	might hav	e de:	stroyed it?
12		Α.	Yes.
13		Q.	What did you find?
14		Α.	I just my investigation involved determining
15	what the	time	limit was on destruction of spectrographic
16	plates, t	hink	ing that could have been one of the possibilities
17	as to wha	t ha	ppened to the plate.
13		Q.	Well, now, what would have happened at the
19	time the	plat	e was created, it would have been filed some-
20	where, is that correct?		
21		Α.	Yes.
22		Q.	Allright. It would have been filed with the
23	other spectrographic plates, would it not?		
24		Α.	I wish it had been. Obviously, it wasn't.
25		Q:	Well, how do you know that?
26		Α.	Well, it's true, I don't know that of my own
27	mind whet	her	that was done at the same time as the other
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1	Q. Okay. Now, if it were filed with the other		
2	plates, it would be most unusual if that plate, alone, were		
3	destroyed, would it not?		
4	MR. COLE: You're assuming the hypothetical, Mr.		
5	Lesar?		
6	MR. LESAR: Yes.		
7	A. I agree that it would be unusual to have one (1)		
8	plate destroyed.		
9	Q. Almost sinister.		
10	MR. COLE: Objection, Mr. Lesar.		
11	Q. Mr. Weisberg made a request for spectrographic		
12	reports back in 1966. Would that have prevented destruction		
13	of such a plate?		
14	A. I have no idea what was going on with Mr. Weis-		
15	berg's request in 1966 what that caused or anything about		
16	it.		
17	Q. Wasn't it isn't it true that the F.B.I. had		
18	a regulation that materials that had been requested under the		
19	Freedom of Information Act could not be destroyed?		
20	A. I don't know.		
21	Q. You've never been made aware of any such regu-		
22	lation?		
23	A. No.		
24	Q. Did you call it did you ask Agent Heilman		
25	he was former Agent at this time did you ask him about		
26	spectrographic notes for "Q15" or, excuse me, for "Q609",		
27	the curbstone?		

You have a copy of the memorandum.

1	Why don't you look at that and I think you can get
2	Q. You don't recall whether or not you did?
3	A. My recollections are put down on that memorandum
4	which was made contemporaneously with the phone call.
5	Q. Allright, could you give this an Exhibit number?
6	MR. COLE: This is Exhibit 15?
7	Q. Okay. I direct your attention to a sentence
8	which says that an exhaustive search of pertinent files and
9	storage locations has not turned up the spectrographic plates
10	nor the notes made therefrom refers to the plates and notes
11	of the examination of the curbstone, spectrographically. Did
12	you ask Mr. Heilman about his notes?
13	A. I don't recollect if I did or not.
14	Q. Would this memorandum indicate that you did?
15	MR. COLE: Objection. I think the memorandum
16	speaks for itself.
17	Q. Well, you prepared this memorandum, didn't you?
18	A. Yes, I did.
19	Q. Yes. And you indicate that in here that
20	there had been a search for the notes as well as for the plate
21	A. Yes.
22	Q. And that you had not turned them up.
23	A. That's right.
24	Q. Okay. What is usually done with the Agent's
25	notes? Where are they stored and kept?
26	A. In this case or in any case?
27	Q. Well, let's take this case. Where were they?
28	A. Some were sent to central records files in the

1	main file	and others were in part of the two (2) drawers
2	or two (2)	file cabinets in the F.B.I. Laboratory.
3		Q. Allright. Now, were the ones that were in the
4	two (2) di	rawers in the F.B.I. Laboratory duplicative of the
5	ones sent	to central records or were they different?
6		A. Both.
7		Q. Both. So that central records did not contain
8	all of the	e notes on the spectrographic examinations.
9		A. That plus a lot of other things it didn't con-
10	tain.	
11		Q. Okay. This refers to an exhaustive search of
12	pertinent	files. What pertinent files did you search?
13	1	A. I don't remember.
14		Q. What files could you have searched?
15		A. Ones that I thought were pertinent.
16		Q. Well, what files could be pertinent? You're
17	looking f	or spectroplates and for notes. Let's just take
18	spectropl	ates. What files could be pertinent?
19	-1.1	A. I think you're probably using the term, file,
20	there in	no, I used storage locations, too, so, the Kennedy
21	file, the	Oswald file, parts thereof. They would be the two
22	(2) logic	al files to search.
23		Q. Allright. Did you look in all Sections of the
24	F.B.I. La	boratory and all the Units of the F.B.I. Laboratory?
25		A. No.
26		Q. Did you consult all of the examiners who have
2-7	performed	spectrographic plates about where they might be?
28		A. Heiberger, Heilman and Gallagher were consulted

1	regarding	the	location of all the spectrographic plates in
2	this case		
3		Q.	Marion Williams?
4		Α.	He did not conduct any spectrographic examina-
5	tions.		
6		Q.	He had made a prior search in this case. That's
7	why I mad	e	
. 8		MR.	COLE: Is that a question to the witness, Mr.
9	Lesar?		
10		MR.	LESAR: Yes.
11		Α.	What is the question?
12		Q.	No. The question was did you consult with Mr.
13	Marion Wi	llia	ms?
14		A.	No.
15		Q.	Or Mr. Jevons?
16		Α.	No.
17		Q.	Allright. What did they tell you?
18		Α.	I didn't
19		MR.	COLE: I'm sorry, Mr. Lesar, you just got the
- 20	answer th	at h	e didn't consult with them. Why do you then say
21	what did	they	tell you?
22		MR.	LESAR: The examiners who you did confer with.
23		MR.	COLE: Oh, allright.
24		MR.	LESAR: That you've named. What did they tell
25	you about	it?	
26		Α.	Well, I don't recollect what they told me.
27		Q.	Did you tell them that the curbstone spectro-
28	plate was	mis	

1	A. Yes.			
2	Q. What was their reaction?			
3	A. I don't remember.			
4	Q. Were they disturbed by it?			
5	MR. COLE: The question has already been asked. He			
6	answered that he did not remember.			
7	MR. LESAR: I'm trying to refresh his recollection.			
8	A. Well, I have no recollection at all of the re-			
9	sponse I got when I asked the question, where's the curbstone			
10	plate.			
11	Q. Did they suggest the other examiners other			
12	than Heilman suggest any place you might look?			
13	A. I'm not I don't recollect whether if they			
14	did or not. I mean they were helpful. I certainly didn't			
15	get any go find it yourself attitude from them or anything			
16	like that.			
17	Q. Did you search any divisions of the F.B.I. other			
18	than the Laboratory division?			
19	A. Well, I searched material furnished by other			
20	divisions another division, the files division. I don't			
21	consider myself searching a division when I search files that			
22	are stored by someone else.			
23	Q. How about the General Investigative Division?			
24	A. Spectrographic plates in the General Investiga-			
25	tive Division?			
26	Q. You are certain they would not be there.			
27	A. I am certain spectrographic plates would not be			
28	in the General Investigative Division.			

1	Q. How about notes and other information pertaining
2	to the spectrographic plates?
3	A. What about it?
4	Q. Would they be in the General Investigative
5	Division could they be?
6	A. Only if the serials or the file sections that
7	any of that material was in happened, at that time, to be in
8	the General Investigative Section for some other matters or
9	whatever.
10	Q. You mean materials would not ever be sent to
11	the General Investigative Division?
12	A. If they call a section of a file and it happens
13	to have some laboratory material in it, they've got it. So,
14	you know, I don't know.
15	Q. General Investigative Division does have its
16	own files, doesn't it?
17	A. I don't know what they have.
18	Q. Never been there?
19	A. I've been in General Investigative Division.
20	They've got file drawers. I don't know what's in those
21	drawers. I never looked in them.
22	Q. Did you provide every pertinent record relating
23	to the curbstone testing?
24	A. I've provided all the records pertinent or
25	impertinent regarding the curbstone testing.
26	Q. Let me ask this. The are you aware that Mr.
27	Weisberg has charged that the curbstone was patched before it
28	was tested by the F.B.I.?

A. What material where?

Q. Assuming that to be the case, is it possible to

There is a mark or it was alleged that there

conduct tests on that specimen, today, to determine what the

was a mark on the curbstone and the F.B.I. tested this spectro-

graphically. This is what we're looking for. It was not sub-

jected, apparently, to neutron activation analysis. The House

Select Committee attempted to do so but Dr. Gwynn concluded

that he could not because there was no -- insufficient metal

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material is?

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27 28 present to determine whether or not the bullet had struck it. He said, in fact, that it had been scraped off. Now, what

I'm asking is is it possible to conduct a test by neutron

activation analysis to determine what the material is that is in that location on the curbstone?

MR. COLE: You mean if it has been scraped off, Mr. Lesar?

MR. LESAR: No. What Mr. Weisberg says is that there was a chip where a bullet allegedly struck and that that chip was patched prior to the time the F.B.I. examined it spectrographically.

A. Okay.

- Q. Now, my question is whether or not it's possible to determine through neutron activation analysis to subject that to testing or spectrographically?
 - A. What to test -- the patch?
 - Q. The patch -- the alleged patch and to determine

1	what material that is?
2	A. Neutron activation would not be the method of
3	choice for doing that. There are many other analytical
4	methods that you would use to do that.
5	Q. What would they be?
6	A. Probably, X-Ray fluorescence techniques. What
7	you want to do is have a building material scientist look
8	at that. Different kinds of concrete that are used. They
9	can tell the difference between a patching material and a
10	permanent material. It's not a very difficult thing but you
11	wouldn't use activation analysis to show it is different.
12	Q. I'd like to ask you to take a look at Exhibit 3
13	again.
14	MR. COLE: Is Exhibit 3 the Interrogatories?
15	MR. LESAR: Yes, it is.
16	A. No.
17	MR. LESAR: No, excuse me, no, Exhibit 3 is, yes,
18	it's the Answers to Interrogatories.
19	MR. COLE: That's what I thought.
20	Q. There are dates given on first of all, it
21	appears that each of these
22	MR. COLE: Which page are you referring to, Mr.
23	Lesar?
24	MR. LESAR: Let's just take the first page that has
25	a Xerox of a plate which is identified on my copy as PC78243.
26	Q. There appear to be, in affect, two (2) plates
27	here, is that correct, on each page?
28	A. No. It's two (2) pieces of glass - one spectro-

1	graphic plate.
2	Q. One spectrographic plate. Okay. Why are there -
3	why are there two (2)?
4	A. Well, one piece of glass is simply too long and
5	chance of it fracturing very easy. So, you put one piece in
6	and then right next to it another piece slides in.
7	Q. I see. I notice that the dates on these start
8	out with November 23, 1963, and then there is, apparently,
9	a testing on March 24, 1964. Do you see that?
10	A. What page? How far along is that?
11	Q. I think that it's the third page.
12	A. The third page?
13	Q. I think it's the third page.
14	A. Okay. Looks that way, doesn't it?
15	Q. Yes. And then below, I guess it's Is that
16	the same date below or a different date on that same page?
17	A. That would be the same letters.
18	Q. Have to be the same
19	A. The other half of the plate.
20	Q. So, it would have to be the same date?
21	A. Yes.
22	Q. Okay. And then, the next plate is 11/25/63 and
23	another 11/25/63. I find no date on the next plate.
24	A. Well, I won't comment about that. There may
25	well be a date on there that we can't read.
26	Q. It's not visible. Next one, 12/4/63; the next
27	one has two (2) dates - 12/2/63 and 3/20/64. Why would they
28	he different dates if that's the same spectrographic plate?

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you have in it so that you don't misread the wave length of

1	any lines.
2	Q. Then, on the next page, I see no dates and,
3	apparently, one of these was mounted upside down and backwards.
4	A. Might have been when they were put together to
5	be photographed if that is
6	Q. Does this, in this area over here, is that an
7	indication of a glass fracture?
8	A. Yes. Yes.
9	Q. Okay. Now, there was a test made, apparently,
10	on PC78378, dated March 20, 1964, on "Q189" and "Q2".
11	MR. COLE: Is this the first of the pages, Mr. Lesar,
12	or is this someplace else?
13	MR. LESAR: It's 78378. I'll have to locate it.
14	You found it?
15	A. Yes, "Q188" and I don't know what the other
16	number is.
17	Q. Yes. March 20, 1964. Now
18	A. Wait a minute, now! Okay, there it is.
19	Q. On the bottom part. Now, did you locate any
20	report on that examination?
21	A. I don't remember.
22	Q. Could you check the you've brought the
23	materials that you've located with you. Could you check and
24	see whether there was any that would be relevant to that date?
25	A. I'm sure there's no reports in that any of
26	that material that we brought that I have here. There is no
27	reports.
79	O. Would there be a report on this test?

1	A	. I well, I don't know but I would think there
2	would be so	omeplace.
3		2. So, if we have not been provided it, you could
4	locate it s	somewhere.
5	P.	A. I'd just go to the Warren Commission. They have
6	it all. Th	ney have those reports?
7		Q. Are you sure that they have all of them?
8	1	A. Well, on this testing, laboratory testing,
9	they've got	t everything.
10		Q. How do you know they have all?
11		A. Well, I don't know from my own knowledge because
12	I haven't	searched for things that they have.
13		Q. How would you make a search to determine to get
14	that repor	t a report on that test?
15	11	A. I don't know right now how I'd do it.
16		Q. Sometimes, documents have numbers at the top
17		a PC number. What does that indicate?
18		A. That's the Physics and Chemistry laboratory
19	number.	
20		Q. Okay. Is there any index made that correlates
21	to that nu	mber?
22		A. Yes.
23		Q. What do the index cards on that show?
24		A. There are no index cards any more.
25		Q. What do you refer to them as if they're not
26	cards?	
27		A. Well, we have it computerized, now, the system.
28		Q. You have it computerized. So, if you punch the

1/2	
1	PC number, what does the computer spew out? What information
2	does it give you?
3	A. I don't think there's any PC numbers stored
4	anymore. I'd have to go back. I think about 1976, they
5	started a new numbering system. There's no PC numbers stored,
6	I don't think, anymore.
7	Q. What about in 1963, 1964?
8	A. They had file cards.
9	Q. They did have file cards.
10	A. Yes.
11	Q. And are those still maintained?
12	A. No. Oh, no.
13	Q. Have they been destroyed?
14	A. Certainly.
15	Q. For Kennedy Assassination records or for all
16	records?
17	A. There's no well, for all records those old
18	cards. I don't know what the destruction was on that but it
19	was every few years. I don't think we kept those over four
20	(4) or five (5) years.
21	Q. There are some other numbers that sometimes
22	appear on the laboratory documents. On Exhibit 8, for example,
23	there is a
24	MR. COLE: Excuse me, Mr. Lesar, don't you have your
25	own copy of this?
26	MR. LESAR: I do but I have misplaced it, Mr. Cole.
27	MR. COLE: Okay. We'd just like to be able to look
28	at it while you are.

1		Q.	Could you explain what those numbers represent?
2		MR.	COLE: Which numbers do you mean?
3		MR.	LESAR: The is there a number that says lab
4	number?		
5		Α.	Yes.
6		Q.	What does that represent?
7		A.	That's a document number.
8		Q.	Is there an index for that?
9		Α.	There was, yes.
10		Q.	There was.
11		A.	Yes.
12		Q.	It no longer exists?
13		A.	No.
14		Q.	Is it on computer?
15		A.	No. All the that lab files doesn't all
16	those are	gon	e. As I say, I think about 1975 or 6 is probably
17	the last	ones	that we have. Now, it's on computer and we
18	can't des	troy	anything, so
19		Q.	And did you place the the ones that were
20	destroyed	, di	d you place that information on the computer?
21		A.	I didn't place anything on computer?
22		Q.	Did the F.B.I.?
23		Α.	I have no idea.
24		Q.	So the information still may be available through
25	computer.		
26		A.	No. No, it isn't. The cards are destroyed.
27	The labor		
28		Q.	How about the information on the cards was

1	that placed into a computer?
2	A. Well, the information on it is just the fact
3	that we have a it has this lab number on it and it's a
4	"Q" listing and where it came from. I think that's the only
5	things that are on that card.
6	Q. Allright. Now, would there be if you wanted
7	to find what specimens that were examined in connection with
8	a certain case, could you go how would you how would
9	you do that?
10	A. I would call the file.
	Q. Meaning central records?
11	A. Yes.
12	Q. And you would say I want all of the specimens
13	
14	A. No, I would say I want file such and such. Send
15	
16	me that file. Q. Okay. Now, how would you locate the file how
17	would you know what file to give them what file number?
18	A. Because the man when he calls in and asks me
.19	
20	what specimens were examined on something, he gives me the
21	file number. Q. Suppose he doesn't have a file number?
22	11 the name
23	A. Then we would search the name.
24	Q. You have a name index in F.B.I. lab?
25	A. Yes.
26	Q. Is it a subject or a name of a victim or what?
27	A. Whatever the title that the police department
28	The F R T nuts on the case goes in the computer just like

1	was on the little card.							
2	Q. Okay. Allright. And that would tell you							
3	give you file numbers.							
4	A. It would give me the file number, yes.							
5	Q. Now, would it correlate specific items of evi-							
6	dence or specific reports with particular serials or sections							
7	in that file?							
8	A. No.							
9	. Q. If all these file numbers were destroyed file							
10	cards were destroyed, what was the point in obliterating that							
11	in the records that we were given?							
12	A. That's out of my bailiwick. That's a lawyer's							
13	type work there. I don't know what the lawyers have to say							
14	about that.							
15	Q. Could you tell me what you mean by chemical							
16	separation?							
17	. A. Well, I bet you're saying that in context with							
18	neutron activation analysis.							
19	Q. Yes no, not necessarily. The question arose,							
20	I believe, we asked you an interrogatory as to "Q3", I think,							
21	and you used the term and I wondered what it meant.							
22	A. Okay.							
23	MR. COLE: Mr. Lesar, could we see the interrogatory							
24	first so we'll know what context this was used in?							
25	Q. Directing your attention to your answer to							
26	interrogatory number twenty-one (21).							
27	MR. COLE: Which Interrogatories are these, Mr.							
28	Tagar?							

1	MR. LESAR: These
2	MR. COLE: What date?
3	MR. LESAR: October 28, 1976. It's actually Mr.
4	Kilty swore to it on October 20, 1976.
5	MR. COLE: Is this something that is introduced
6	into evidence or
7	MR. LESAR: Yes, I will.
8	MR. COLE: Did we miss it.
9	MR. LESAR: Has it been given an Exhibit number yet?
10	I gave you a copy at lunch. I think it was marked as an
11	Exhibit but maybe not. Let's mark it as an Exhibit.
12	MR. COLE: I don't see it there. Now, you are
13	asking, Mr. Lesar, about Interrogatory number twenty (20)?
14	MR. LESAR: Twenty-one (21).
15	MR. COLE: Twenty-one (21).
16	MR. LESAR: And in part "d".
17	A. "D" as in dog?
18	Q. Yes.
19	A. Yes?
20	Q. Now, what do you mean by the term, chemical
21	separation, as you used it there?
22	A. Well, the only reason you would examine bullet
23	jacket material is to help characterize it by its trace ele-
24	ments and in this bullet jacket material contains a tremendous
25	amount of zinc, the balance being copper. And you produce so
26	much activity by irradiating a sample like that that, in order
27	to find these trace elements, we have to separate out the
28	copper and zinc from everything else and then examine the

1	residue or the material left over after removing as much
2	copper and zinc as you can. That is a chemical separation
3	done after irradiation.
4	Q. It has to be done after the radiation. Okay.
5	A. No, not necessarily. You can do it pre to ir-
6	radiation separations are usually not too good to do.
7	Q. Allright. Now, could you do such chemical sep-
8	aration on only a sample from "Q3"? Do you take a small por-
9	tion of it
10	A. Of the jacket?
11	Q. Yes.
12	A. I guess someone could do it, yes, but providing
13	there was nothing that you have to be able to destroy the
14	material in order to do it. So, if you don't want to destroy
15	something, it's a technique you don't choose.
16	Q. Understood. But how much of a sample would you
17	need in order to examine it that way - to do that?
18	A. For jacket material, in my experience, I'd like
19	to have a sample at least fifty (50) milligrams. If they
20	had more than that, I'd want it.
21	Q. Now, could that have been in 1963, 1964?
22	A. What?
23	Q. Could "Q3" have been a part of "Q3" have been
24	subjected to chemical separation and then examined by means
25	of NAA?
26	A. I don't know. I don't think anyone was really -
27	thought much about trace element characterization of jacket
28	material in 1963.

1		Q. Do they now?
2		A. Yes. We've thought a lot about it.
3		Q. Your department has carried on or had carried
+	on some st	tudies of it, have they not?
5		A. We've done it because I've done it personally.
6		Q. Then so, now, in the answer to this, you've
7	indicated	that you seem to indicate that the reason that
8	it wasn't	done in '63 was because it might destroy the mark-
9		he items of evidence, is that correct?
.0		A. That's what I said here, yes.
1		Q. What markings are you talking about?
.2		A. As I recollect, item "Q3" had some firearms
.3	identific	ation element to it. Those are the markings I'm
14	talking a	bout.
15		Q. And that would have precluded performing these
16	other tes	ts on it?
17	41	A. If it involved removing those markings, it cer-
18	tainly wo	ould have.
19		Q. Why?
20		A. Well, the markings associated with the firearm
21	from which	ch it was fired and to destroy those is just simply
22	not done	. The value of this test is nothing compared to the
23	value of	identifying the item with a gum. This, certainly,
24	this is.	
25		Q. What was the value at that point? Oswald was
26	dead, wa	s he not?
27		A. Well, I'm talking, generally, the value of fire-
28	arms ide	ntification markings. Its application in this case,

I don't know, but I know that nobody destroys markings on a 1 bullet whether Oswald was dead or not. 2 Q. Why not take a portion of "Q3", which had no 3 markings, and subject it to chemical separation and test it? 4 A. I'm not aware that there was a portion that did 5 not contain markings. 6 Q. What about the inside of the bullet. That's not normally marked, is it -- the jacket? 8 A. Well, there are some problems with getting 9 samples from the inside of a jacket ... 10 Q. Well, you can make a scraping, couldn't you? 11 Scrapings are not good. Nobody likes to take.. 12 Those are really very poor materials to examine for anything. 13 Q. Or you can shave off the edge. 14 A. Shavings... 15 MR. COLE: I object to any further questions along 16 this line. I mean the witness has already told you what he 17 thinks. To go into his mental processes as he makes his 18 decisions as a scientist, I think, just is pursuing a dead 19 horse. -- beating a dead horse. 20 Q. If you have several samples and they don't all 21 have markings, how can you tell that they don't all have a 22 common source? 23 A. I don't know that you can. 24 Let me ask this. Is it possible... There were 25 samples taken from the President's clothing for spectrographic analysis. Is it possible to subject those to neutron activa-27 28 tion analysis? 123

1	A. You can subject anything to the core of a nu-
2	clear reactor and try to make it radioactive. Whether you
3	can make an analysis of it or not is another story. Now, if
4	you're talking about we can put some clothing in the core
5	of the reactor. We take some fibres off and do it. Now,
6	what are we trying to do?
7	Q. Well, I suppose that one thing you might want
8	to do would be to determine whether or not copper was present
9	at certain points in the cloth and then the second thing
10	would be to determine, possibly, the presence of other ele-
11	ments in whatever struck the cloth. Could you do that?
12	A. Yes, you could.
13	Q. Is there any reason why it could not be done,
14	today, to the clothing of President Kennedy?
15	A. By activation analysis?
16	Q. Yes.
17	A. I would never It would be a waste.
18	Q. Why?
19	A. Because it's not the best the best technique
20	available is not
21	Q. What's the best technique available?
22	A. Well, in my view, it's scan electron microscopy
23	with X-ray fluourescence is the best way now.
24	Q. Does that give you quantitative results?
25	A. No. Nothing will give you quantitative results
26	has any value in determining whether a piece of clothing
27	touched something.
28	Q. Or whether something touched a piece of clothing.

1	A. Yes.
2	Q. Like a bullet.
3	A. Yes.
4	Q. Why not?
5	A. Well, you are trying to demonstrate whether you
6	have some smears around a hole. What difference does it make
7	whether you have one (1) microgram of smears or two (2) micro-
8	grams of smears or one point five (1.5) micrograms of smears?
9	What you're trying to demonstrate there are some foreign
10	metal deposits around the periphery of this hole.
11	Q. Suppose you want to demonstrate whether or not
12	the missile that struck the clothing can be identified or
13	distinguished from other missiles associated with the crime?
14	A. In my view, you would have to have a good size
15	sample of material to do that and a good size sample, I mean,
16	at least one (1) miligram of lead and something probably a
17	little less than that of copper.
18	Q. And you would not expect to find that on the
19	clothing?
20	A. No, unless the projectile broke up in the cloth-
21	ing and was sticking someplace around it.
22	MR. LESAR: Do you want to take a short break while
23	I go over some things here?
24	MR. COLE: Do you need a break here?
25	MR. LESAR: Yes, I think it would be helpful to
26	have a short break.
27	MR. COLE: Allright.
28	(A brief recess was taken.)
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1	MR. LESAR: I'd like to have this marked as an
2	Exhibit.
3	MR. COLE: Mr. Lesar, are we getting the final
4	Exhibits now of the deposition?
5	MR. LESAR: Oh, there will probably be a couple more
6	A. What number is this?
7	Q. This is Number 17. And I'd like to have this
8	marked as 18. Mr. Kilty, have you had a chance to look at
9	Exhibits 17 and 18?
10	A. Just since you gave them to me. I have not read
11	them totally through.
12	Q. Are they a report on the same test?
13	A. I'd have to sit here and read it first.
14	Q. Okay, then take the time. If you're having any
15	trouble reading it, I could give you this reprint of it that
16	would make it somewhat easier to read.
17	A. Allright, I'm finished reading it. I see what
18	you're worried about. What's the question?
19	Q. Did you note are these two (2) documents,
20	reports on the same test?
21	A. I don't know anything about these. I've never
22	seen these documents before. They're FD302's made up by
23	Agents in Dallas. I don't know what they are.
24	Q. Do they describe results of a test that was
25	made in the F.B.I. Laboratory?
26	MR. COLE: I think the documents speak for them-
27	selves. The witness says he doesn't know anything more than
28	is contained in the document itself.

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One report says -- Exhibit 17 says that the examination revealed that the bag was consistent and the other says that it is not identical with the paper gun case found at the scene of the shooting, is that correct?

A. These are not reports. I have to go back to that again. These are not reports.

MR. COLE: Mr. Lesar, this witness has already said he doesn't know anything about these two (2) documents and I object to any questions that would attempt to make him state something about an object that he has said he knows nothing about.

MR. LESAR: My question is about F.B.I. Laboratory procedures.

MR. COLE: And what is that question? We haven't heard one thus far.

. Q. The question is, how is it possible to have two (2) different versions of the same test given...

MR. COLE: Mr. Lesar, that is not a question about the laboratory procedures. It is a question about something, I suppose, that might have gone on down in Dallas. If this witness knows anything about it, I certainly think he should tell you.

A. This is not a laboratory report. It is not a insert to a F.B.I. Laboratory -- F.B.I. report which contains the document that was produced by the F.B.I. Laboratory. This an interviewer report form - FD302.

Q. Now, how would the interviewer -- you're talking

1	about Special A	gent Vincent Drain, is that it?
2	A. Y	es.
3	Q. W	Tho would he have gotten the information from?
4	A. T	hat's a question that would be perfectly
5	directed to Vir	moent E. Drain.
6	Q. I	Doesn't it say that he got it from the F.B.I.
7	Laboratory?	
8	A. 1	No.
9	Q. I	He says he says that the specimen was exam-
10	ined by the F.I	B.I. Laboratory.
11	A. 3	Yes.
12	MR. S	SLICKS: Do you have an extra copy of this?
13	MR. I	LESAR: Sure.
14	MR.	SLICKS: Is it allright if I keep this one?
15	MR.	LESAR: You may have it.
16	MR.	SLICKS: You know. I'll look into this.
17	Q. 1	What Mr. Kilty, you're aware that the Court
18	of Appeals rem	anded this case for a second time and to probe
19	the thoroughne	ss of the search. Has any further search been
20	made by the	by the F.B.I. subsequent to the Court of Appeals
21	remand?	
22	'A.	Yes.
23	Q.	Could you describe that search?
24	Α.	I've searched all the places where spectrographic
25	plates or data	concerning spectrographic plates could be kept
26		hat you do not have, namely, the curbstone
27	11	was the main item. And I have looked for every-
28	thing again an	d I found what I've given you and I can't find

1	anything that I haven't given you.
2	Q. You say you looked for everything, including
3	the spectrographic plates
4	A. Yes.
5	Q. The spectrographic notes.
6	A. Yes.
7	Q. What about the are you aware that Agent
8	Frazier testified in this case back in 1977 that he had in-
9	structed Agent Stombaugh to make a conduct an examination
10	to determine whether or not the holes in the shirt collar
11	overlapped when the collar was buttoned together? Are you
12	aware of that?
13	A. Yes.
14	Q. Did you conduct any search for that for any
15	report or any notes on any such examination?
16	A. Indeed, I did.
17	Q. What did you find?
18	A. I found the report that contained the informa-
19	tion about that.
20	Q. Do you have that with you?
21	MR. COLE: This?
22	A. Do I have it or who has it here? Maybe I've
23	got it. Wait a minute! Is it a two (2) page report? Do
24	I have that or
25	MR. COLE: For the record, this is an item that is
26	not in the Stombaugh report. It is the report which Mr.
27	Weisberg has previously received.
28	MR. LESAR: Could you put an Exhibit number on that?

1		MR.	COLE:	What is	the nu	mber?				
2		Q. 1	Who is	the auth	nor of	this r	eport?	7)		
3		A. :	Mr. Fr	azier.						2
4		Q.	And who	ere did y	you fir	nd in	it that	it in	dicates	
5	that an ex	kamin.	ation v	was made	to see	e wheth	ner or	not the	a slits	*
6	in the sh	irt c	ollar	would co	incide	if it	was bu	ittoned	togethe	er?
7		Α.	The fo	urth para	agraph	from t	the bot	tom on	page	1
8	two (2) a	ddres	ses th	at.					£	
9		Q.	Well,	it doesn	't say	that,	does i	Lt?		i i
10		Α.	This h	ole is t	hrough	the bo	ottom -	or t	hrough	ij
11	the button	n and	butto	nhole po	rtions	of the	e shirt	due t	o the	
12	overlap.	This	hole	has the	charac	terist	ics of	an exi	t hole	i i
13	for									- 8
14		Q.	That d	oesn't s	tate t	hat th	e shirt	was b	uttoned	¥
15	together	and t	hat an	y examin	ation '	was ma	de to s	see whe	ther or	
16	not the s	lits	coinci	ded, doe	s it?					
17		MR.	COLE:	Objecti	on. M	r. Les	ar, the	e state	ment	
18	speaks fo	r its	elf.	Whatever	it sa	ys, it	says.			
19		Q.	This i	s all yo	u loca	ted in	search	ning fo	r that.	į
20	You say t	hat y	ou mad	e a furt	her se	arch.	Did yo	ou cont	act	1
21	Agent Sto	mbaug	;h?							1
22		A.	No.							
23		Q.	Why no	t?						1
24		Α.	He did	in't prod	uce th	is.				
25		Q.	Well,	but you	were s	uppose	d to c	onduct	a search	h
26	to determ	ine								
27		Α.	I four	id no not	es pro	duced	by Sto	mbaugh	involve	đ

with the examination of President Kennedy's shirt.

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2	A. All where the laboratory materials that are
3	kept in this case.
4	Q. Did you you were aware, were you not, that
5	Agent Frazier testified that he ordered Stombaugh to make the
6	examination.
7	A. I'm not the characterization of him ordering,
8	I'm not familiar with.
9	Q. Well, he, would you agree, have directed or
10	told?
11	A. He might have consulted with him. I would think
12	if Stombaugh made this determination well, if he made this
13	determination, he would have contributed to this report.
14	Q. Did you ask Frazier if this is the report?
15	MR. COLE: Are you speaking of in the course of
16	this latest search, whether or not Mr. Kilty did that?
17	MR. LESAR: Yes.
18	A. No, I did not.
19	Q. You did not ask him whether or not
20	A. No.
21	Q. This is what he was talking about when he
22	testified that he that
23	A. I had no idea what he testified to. All I read
24	is a statement in a Court of Appeals thing which may have
25	been taken out of context. I don't know anything about it.
26	I've not seen Frazier's transcript of his testimony.
27	Q. Is there anything in this report that indicates
23	that Stombaugh had anything to do with it at all?

Q. Where did you look?

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1	for a report on an examination of whether or not the slits
2	coincided, is that correct?
3	MR. COLE: I object to any questions that regard
4	the Court of Appeals opinion asked of this witness. What is
5	in that decision, is certainly known to you, Mr. Lesar. You
6	can ask this witness what he did in the course of the search.
7	Q. What was the basis of your search, if it was
8	not the Court of Appeals opinion?
9	MR. COLE: Objection. What do you mean basis? You
10	mean what was the reason for his search or what was the scope
11	of his search?
12	MR. LESAR: How did he determine what he was looking
13	for?
14	A. I was looking for anything that was produced by
15	Stombaugh that could be related to an overlap situation
16	Q. How did you make that search?
17	A. By looking through all the documents produced
18	by Stombaugh.
19	Q. All of the documents produced by Stombaugh?
20	A. Yes.
21	Q. How did you locate all the documents produced
22	by Stombaugh?
23	A. In the files in here.
24	Q. You mean you went through the entire headquart-
25	ers files again?
26	A. No. No, I went through the files where the
27	laboratory materials are located.
28	Q. And that's all you did?

1	A	. What do you mean that's all I did. That's one
2	heck of a j	ob. I did searched hundreds of pieces
3	thousands o	f pieces of paper. Good heavens!
4	Q	. You searched hundreds of thousands of pieces of
5	paper?	
6	A	. No. Thousands of pieces of paper.
7	Q	. Thousands of pieces of paper. Okay. All of
8	them headqu	arters records.
9	A	Yes, headquarters.
10		How about were they all lab records?
11	A	A. Stombaugh was assigned to the F.B.I. Laboratory.
12		Q. His reports might make their way into other
13	locations,	might they not?
14		A. Well
15		Q. They would go to Dallas, wouldn't they?
16		A. Okay. I'm interested in what the man you're
17	looking for	r something that he did. He couldn't have produced
18	a report w	ithout having a work sheet, without having some
19	kind of in	formation that goes to make up a report.
20	II.	Q. Right. Okay. Now,
21	11	A. If he doesn't have that, a report can't exist.
22		Q. What are the possible locations for the report
23	and the wo	
24		A. Possible locations are a number of file cabinets
25	at F.B.I.	Headquarters where I've looked.
26		Q. How about in Dallas?
27		A. I did not look in Dallas. Not in the wildest,
28	wildest in	nagination could I ever think that notes produced by

1	an agent in the r.b.r. Laboratory would be in possess
2	Q. How about reports?
3	A. Reports some reports went to Dallas, no
4	doubt about it. They may have gotten all reports. I don't
5	know that. But Dallas got
6	Q. Could Dallas have reports that Headquarters does
7	not have?
8	A. That would be something that would have to be
9	generated a request generated by somebody else. I don't
10	know. You can produce a report in Baltimore. It may go to
11	Dallas that Headquarters doesn't get a copy of it or something
12	I don't know. Those possibilities exist.
13	Q. Suppose there are reports that are missing in
14	Headquarters, is it possible you would find them in Dallas?
15	A. I wouldn't even know they were missing.
16	Q. In that case, you would be required to search
17	Dallas as well, wouldn't you?
13	A. No, I'm not required to search Dallas.
19	Q. Well, unless you search Dallas, according to
20	what you've just testified to, you have no way of determining
21	whether or not something was missing from Headquarters.
22	A. It doesn't mean it's going to be in Dallas if
23	it's missing from Headquarters.
24	Q. But it might be.
25	MR. COLE: Well, I think this has gone on an awful
26	long time, Mr. Lesar. Do you have any more questions of
27	this witness?
28	Q. Did you make a good faith diligent search after

1	the recent remand of the Court of Appeals to find everything
2	that Mr. Weisberg is seeking in this case?
3	A. I don't know everything Mr. Weisberg is seeking
4	in this case.
5	Q. Okay.
6	A. I made a diligent good faith search for items
7	that basically, Agent Slicks and Attorney Cole told me about
8	to answer the request that Mr. Weisberg made in '74 or '75.
9	I'm not or other times. And I'm certainly not saying that
10	I've searched for everything that Mr. Weisberg's ever asked
11	for in this case.
12	Q. Did you make a search that, in your opinion, was
13	so thorough, that it would turn up any and all testing of
14	bullets or bullet fragments in connection with the Kennedy
15	Assassination?
16	A. Yes, I did.
17	Q. So, that there should be no other test that
18	we're aware of on any fragments or bullets in connection with
19	the Kennedy Assassination.
20	A. I've not located any records on any other materi-
21	als.
22	MR. LESAR: I think we're concluded.
23	MR. COLE: I may want to ask a few questions. Let
24	me retire for a moment with
25	MR. LESAR: Okay.
26	CROSS EXAMINATION -
27	BY MR. COLE:
28	Q. Mr. Kilty, you have, today, presented Mr. Lesar,

1	A. It would be tough. I'd have to spend quite a
2	bit of time working on those.
3	Q. But on the face of them, do they make any sense
4	to a layman at all?
5	A. Well, not to someone who's not in the business
6	of activation analysis, certainly not.
7	Q. You have testified just a few minutes ago that
8	you did undertake a recent search for documents on behalf of
9	Mr. Weisberg. When did you make that recent search?
10	A. Over several days in the last month or six (6)
11	weeks.
12	Q. Can you tell us how many days you spent on this?
13	A. I spent ten (10) days, at least, on this part
14	of ten (10) days, at least.
15	Q. And what were you looking for?
16	A. Anything that I could find that would respond
17	to that 1974 letter that he sent us.
18	Q. Was it something that you considered very re-
19	stricted request or was it a were you looking for anything
20	that was conceivably implied by that request?
21	A. Well, anything we had that had any connection
22	with it at all, I was interested in identifying.
23	Q. Were you also looking, specifically, for the
24	items that the Court of Appeals had mentioned in its recent
25	Order?
26	A. Yes, I looked, specifically, for those items.
27	Q. Where did you search for all of these items,
28	including the general search?

A. I'd have to look at my notes to make sure I get the room numbers straight. That's fine. 0. A. I looked in file cabinets located in Room 2B456, file cabinets located in Room 3342, plate drawers located in two (2) parts of Room 3971. Q. Why did you look in these rooms? A. Because, based on my knowledge of where things are stored in the F.B.I. Laboratory, based on my announcing to my colleagues in the F.B.I. Laboratory that I was looking for items responsive to this request, these were the places 11 that -- only places that these kinds of documents would be stored. Q. Did you request of your colleagues that they 14 also search or did they tell you whether they -- if they knew of the location of any of these items? 16 A. I did, yes. 17 Q. When did you do this and in what manner? 18 At a Unit Chief meeting a few weeks ago, I 19 advised that I was involved in this matter and that if anyone 20 could give me any tips as to where we could locate anything 21 associated with the Kennedy Assassination case to please tell 22 me and I was specifically looking for a spectrographic plate, 23 the most difficult thing. And I was advised by the -- every-24 one that they had nothing that would be responsive to this. 25 Q. When you speak of looking specifically for a 26

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A. Yes, the curbstone plate.

plate, was this the spectrographic plate of "Q609"?

1	Q. Right. In the course of your search, what did				
2	you find?				
3	A. Well, I found a lot of the documents that I've				
4	already released.				
5	Q. Did you find anything that had not been turned				
6	over to Mr. Weisberg through Mr. Lesar before?				
7	A. Yes.				
8	Q. What were those items?				
9	A. Some computer printouts.				
10	Q. And are those are the computer printouts				
11	relating to "Q3" and "Q15" the ones that you turned over today				
12	A. Yes.				
13	Q. And did you also find a lab report?				
14	A. I found a lab report, yes. It pertained to				
15	the examination of President Kennedy's shirt that addressed				
16	the problem of some kind of overlapping situation.				
17	. Q. That was the lab report that I put on the record				
18	a few minutes ago had been turned over to him on an earlier				
19	occasion, is that right?				
20	A. I don't know if that was turned over to him on				
21	an earlier occasion but he had that report, however.				
22	Q. I have no further questions.				
23	RE-DIRECT EXAMINATION -				
24	BY MR. LESAR:				
25	Q. Do you recall that, in connection with the				
26	meeting in March of 1975 at which you say Mr. Weisberg turned				
27	down the computer printout data, that Mr. Weisberg requested				
28	that that conference be tape recorded so that there would be				

L	no dispute about what occurred:
2	A. I think I do, now that you bring that up. It
3	was refused.
4	Q. Why was it refused?
5	A. I don't know. Who refused it? I don't remember
6	who refused Bresson.
7	Q. Did you ever have any subsequent conversation
8	with Mr. Weisberg and tell him that you had given us all the
9	records that you had found?
10	MR. COLE: Mr. Lesar, can you specify when this
11	conversation might have been?
12	Q. Withdraw the question. Withdraw the question.
13	Okay. Mr. Cole's referred to the 1974 request - the December,
14	1974, request that Mr. Weisberg made. That request was, in
15	effect, amended during our meeting in March, 1974, was it not?
16	MR. COLE: I object. I think that's a question
17	that is calling for a legal conclusion from the witness.
18	A. It's the wrong date anyway.
19	Q. March, 1975, yes.
20	A. Now your objection is valid.
21	MR. COLE: The objection still stands. There's no
22	requirement for you to repond to that.
23	Q. Did you, at that meeting in March, 1975, at
24	which Mr. Weisberg and I and Mr. Frazier were present, agree
25	to clarify what materials he was seeking in this case?
26	A. We thought we were. That's why we called the
27	meeting.
28	Q. Allright. And you showed him a number of

1	different types of materials at that meeting.
2	A. Yes.
3	Q. Including both spectrographic and neutron activa-
4	tion analysis?
5	A. I think I did, yes.
6	Q. Now, that included, not only reports but in-
7	cluded the raw data some of the raw data calculations,
8	work sheets, those types of materials?
9	A. That was the kind of material that was there,
10	yes.
11	Q. And as a result of that meeting, you agreed that
12	you would provide him with those materials, did you not?
13	MR. COLE: Which are those materials?
14	MR. LESAR: Those materials would be the materials
15	that have been provided here in the long sheets
16	A. The long sheets of paper, yes.
17	Q. The long sheets of paper.
18	A. Yes.
19	Q. You did.
20	A. Yes.
21	Q. You did. Okay. I just wanted to clarify it
22	because you referred to the December, 1974, request and that
23	was limited to final reports.
24	A. Yes.
25	Q. Okay. As a matter of fact, are there not a
26	number of F.B.I. memoranda which reflect an understanding that
27	Mr. Weisberg must have been seeking more than just final
28	reports?

1		A.	There might be if you have copies of them, that's				
2	how they	got					
3		MR.	COLE: Again, those documents, Mr. Lesar, will				
4	speak for themselves. This witness has already stated that						
5	he has looked for items within the broadest parameters.						
6		Q.	Okay. Just briefly, where did you in this				
7	most recent search, where did you look that you didn't look						
8	before?						
9		A.	Different building.				
10		Q.	Well, for the record, didn't the F.B.I. move its				
11	offices i	n th	e interim?				
12		A.	Yes.				
13		Q.	Okay. Different files?				
14		A.	Yes, I expanded it to some more unreasonable				
15	places.						
16		Q.	What were those?				
17		Α.	The files in 2B456.				
18		Q.	What is in 245B6.				
19		Α.	2B456.				
20		Q.	2B456?				
21		Α.	There are some files containing old data gener-				
22	ated by neutron activation analysis and spectrographic work.						
23		Q.	Is that just general or with respect to the				
24	assassina	ation	?				
25		Α.	Oh, no, this is general thing, but I thought				
26	that a po	ossib	ility existed that the plates could be in there				
27	or that something like that. So, I looked there.						
28		Q.	Allright. In one of these memorandums, you say				

1	that it before this most recent search, you said that an
2	exhaustive search had been made of all pertinent files and
3	storage locations. What do you mean by storage locations?
4	A. Where we keep plates - the spectrographic plates
5	And we have two (2) places where they're kept.
6	Q. Those are?
7	A. There's a let me get the exact name of the
8	two (2) things. One is called a plate drawer and the other's
9	a plate locker. In the plate drawer, they keep the current
10	plates of currently open cases; in the plate locker, they
11	keep old cases and ones that are deemed to have some historica
12	significance that they do not throw away.
13	Q. And you checked both of them.
14	A. Yes, I did. I went through them. I went
15	through them with the Unit Chief in that Unit.
16	Q. And did that involve a plate-by-plate examina-
17	tion?
18	A. In certain areas, it did, yes.
19	Q. You say you have a file for spectroplates in
20	historical cases?
21	A. Yes.
22	Q. How is it determined that they go into that
23	file?
24	A. Well, a year or two (2) ago, the Chief of the
25	Elemental the Instrumental Analysis Unit where the spectro-
26	graphic work is done decided to maintain a record or a place
27	where you could store plates that of any case that you
28	know may have something like this. We've learned from this

1	ase and lots of other cases that, simply, you can't put the	
2	lates where you put all the other plates. You've got to	
3	eep them separate.	
4	Q. This did not exist prior to two (2) years ago	?
5	A. Right.	
6	Q. Then why did you search it at this time?	
7	A. Well, to look what was in there because there	e
8	were some there are some old cases that we have five (5),
9	eight (8) years ago that people have kept, just like the	
10	Kennedy case was kept, but they were kept in a separate fi	1e
11	drawer. Now, we know where to go to find if the Jones	
12	case becomes I can't think of a case, offhand, that is	
13	out there but there's a case	
14	Q. How about the King Assassination?	
15	A. Well, I think that's too old, too.	
16	Q. Allright. Did you, in your mind, exhaust al	.1
17	reasonable locations for all of these materials?	
18	A. Yes, sir, I did.	
19	Q. You don't consider it reasonable that there	
20	should also be a similar search in Dallas field office?	
21	A. Not for laboratory materials. I just	
22	Q. How about laboratory reports?	
23	A. Well, if laboratory report's addressed to the	ne
24	Dallas field office, they would have the original laborate	ory
25	report there.	
26	Q. Who would?	
27	A. The files in Dallas.	
28	Q. Yes.	
	Q. 165.	

-137-

1	A. The - a copy of that, the so-called yellow,					
2	would be kept in the F.B.I. with the date as to when it was					
3	mailed out and					
4	Q. Now, but suppose that's missing? Then you need					
5	to go to Dallas, don't you?					
6	MR. COLE: I think we've gone through this before,					
7	Mr. Lesar. I don't think					
8	MR. LESAR: Could I get an answer?					
9	MR. COLE: You mean if something's missing, whether					
10	it would not be there? I think that's pretty clear. If it					
11	was sent somewhere else and that one were missing, then it					
12	wouldn't be there.					
13	MR. LESAR: I would appreciate if counsel didn't					
14	testify.					
15	MR. COLE: This is not testifying. This is just					
16	trying to understand the logic of your question, Mr. Lesar.					
17	Q. Would you concede that it's possible that the					
18	Dallas field office could have laboratory reports that you					
19	were not able to find in F.B.I. Headquarters?					
20	A. Well, I didn't look for every laboratory report					
21	that exists.					
22	Q. Well, I hope you did, sir.					
23	A. But					
24	Q. Those pertaining to the items of evidence that					
25	Mr. Weisberg has requested.					
26	A. Only under the caveat that anything is possible.					
27	I mean that's the only thing I can say. Anything is possible.					
28	Q. Did you, in this most recent search, ask any					

1	of the examiners if they had ever taken any materials from					
2	the Kennedy Assassination file home?					
3	A. I didn't talk to any of the examiners who did					
4	work in this case.					
5	Q. You didn't talk to Heilman again?					
6	A. No, I did not.					
7 .	Q. The first time when you did back in '75,					
8	when you did talk to Heilman					
9	A. Yes.					
10	Q. Did you ask him, at that time, if there was any					
11	chance he could have taken them home?					
12	A. No, I didn't. I wouldn't get it back had he					
13	taken it home. So, it wouldn't have done any good.					
14	Q. You never know. Do you recall that there was					
15	an item in the papers a couple of years ago that an F.B.I.					
16	Agent had taken home a spectroscope					
17	MR. COLE: I'm going to object to this. It doesn't					
18	sound terribly relevant, Mr. Lesar.					
19	Q. Okay. I think I have no further questions.					
20						
21	CERTIFICATE OF STENOGRAPHIC REPORTER					
22	I, PATRICIA E. CRUM, the Notary Public before whom					
23	the foregoing deposition was taken, do hereby certify that					
24	the witness, John W. Kilty, was, by me, duly sworn and that					
25	said transcript is a true copy of the testimony given; and					
26	said testimony was taken by me, stenographically and there-					
27	after reduced to typewriting by me; that I am neither counsel					
23	for, related to, nor employed by any of the parties to this					

case and have no interest, financial or otherwise, in its outcome. and filed with this Court to become a part hereof.

Signature was not waived in connection with this deposition. An errata sheet has been forwarded to counsel for Defendants in this case, together with a copy of this deposition. This errata sheet will be signed by the deponent

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Notarial Seal this 29th day of June, 1981.

> Notary Public My Commission Expires July 1, 1982

	2	PLAINTIFF : IN THE UNITED STATES
	3	VS. : DISTRICT COURT FOR THE
	4	U. S. DEPARTMENT OF JUSTICE, : DISTRICT OF COLUMBIA
	5	ET AL.
	6	DEFENDANTS
50	7	I, JOHN W. KILTY, have read the deposition taken
	8	of me on Friday, June 19, 1981, before Patricia E. Crum,
	9	Notary Public of the County of Frederick, State of Maryland,
	10	consisting of pages 1 through 139, and I hereby endorse it as
	11	my testimony (with the following exceptions:
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	24).
	25	Dated this day of, 1981.
	26	WITNESS:
	27	John W. Kilty
2	28	
		150

1 HAROLD WEISBERG

CIVIL ACTION NO. 75-0226

Dop. AD Adm. _ Dop. AD brv. __ Asst. Die.s - Mr. White 1 - Office, 7133 Mr. Cunningham DATE: January 24, 1975 - Mr. Kilty - Mr. Mints Mr. Bresson Williams Mi Attn: FROM (FOIA) PROUEST INEGRYATION ACT OF HAROLD Reference is sace to Legal Counsel to J. B. Adams' memorandum of December 17, 1974, wherein it was recommended that the Laboratory Division review Weisberg's request for information concerning the assassination of President Kennedy and identify pertinent material available which may satisfy his request. Weisberg indicates in his letter that he isinterested in "the report itself" or "the complete report only"; however, since these are available to him at National Archives, his request must extend beyond these documents. The material available in this case falls into three categories. 1. All of the background information and data accumulated during the actual examinations of the evidence specimens. 2. The compositional analyzes arrived at from calculations the ray data. 3. The final reports of the ray data. Spectrographic analyses were conducted on bullets and/or fragments therefrom, lead fragments and several items of clothing. Examinations by neutron activation were conducted on the above-mentioned bullet and lead materials and on paraffin casts taken from the hands of Cavald. The results of all these examinations, with the exception of the neutron activation studies of the bullet and lead materials, have been included in the FBI Laboratory reports. results of the neutron activation examinations of the bullet and lead materials are contained in a letter to J. Lee Bankin, General Counsel, The President's Commission, dated July 3 This letter and the FSI Laboratory reports are 3 National Archives. 7 FEB 121975 in the Mational Archives. The Laboratory has on hand spectrographic plates and neutron activation analysis data which were used to calculate answers and make judgments regarding the composition of the materials examined. As with most scientific data, interpretations of these plates and neutron activation analyzon data will not stand alone but must be accompanied by technical 2-109060 EXHIBIT # /

Memorandum to Mr. White FREEDOM OF INFORMATION ACT (FOIA) REQUEST OF HAROLD WEISBERG

information which explains the parameters involved. Some of this explanatory information could be obtained by an inquirer from outside experts in emission spectroscopy and neutron activation analysis, but in the absence of detailed procedural data, the raw information is not subject to interpretation by non-technical individuals.

Some elements present, relative concentrations of other elements and absence of detectable concentrations of elements. Some of these notes are physically in the Laboratory and others are assumed to be interspersed in the case file. The search for this material will be extensive and time-consuming. It is estimated that approximately 50 pages of technical notes may be involved. The costs of reproduction will vary according to the physical dimensions and nature of the material to be furnished.

If we are requested to produce copies of the actual " spectrographic plates and neutron activation data, costs will be substantial because of the various formats involved. In the case of the spectrographic plates, the Special Photographic Unit of the Laboratory is investigating the possibility of accurately reproducing the plates so that the recorded information can accurately be assessed from the "duplication." Estimates of the costs involved in such reproduction; if they can be made, are not presently available. In the case of the neutron activation data, the total reproduction of this material will involve the equivalent of approximately 1,000 pages. Much more clerical time than that normally required to reproduce 1,000 pages will be involved due to the nature and size of the pages to be copied. It is not unreasonable to assume that the time involved would be approximately ten times greater than the time needed to reproduce 1,000 . normal pages.

Accordingly, it will be necessary to evaluate each request in terms of the material to be furnished, and the overall costs will depend on what materials are to be reproduced in response to a specific request:

ACTICM: None. For information only.

P. AD Adm. A.M. Carrier Taylor Dop. AD law. 01-4 morandum DATE: 12-17-74 B. Adams FROM Attached is a proposed letter to captioned individual. Incoming correspondence was addressed to the Deputy Attorney General dated 11-27-74, and was received by the FOIA Unit ca 12-6-74. It will be recalled Weisberg's initial lawCouit, referred to in his letter, concerned spectrographic analyses made by the 731 for the Warren Commission in connection with the Kennedy assassination. This suit culminated in an appeal to the Supreme Court, which on 5-13-74 denied certiorari, leaving the District of Columbia Circuit Court decision which upheld our withholding the documents under the exemption provisions of Section (b) (7), FOIA (investigatory files). Maisberg now reinstitutes his request under the amended FOIA which limits the former investigatory files exemption to certain enumerated categories and types of information, none of which initially appear applicable to the material Meisberg requests. He additionally requests results of neutron activation testing, but specifies he is interested only in final reports, not raw materials Laboratory work. RECOMMENDATIONS: That the Laboratory Division review the raquest of Weisberg for the purpose of identifying reports and material requested, and furnish the FOIA Unit with observations regarding the volume of material requested and any unusual cost factors regarding release of the information. [4,1] Enclosure - letter sent 14/9/24 de - Mr. Adams - Enclosures (2) FEB 12 1975 Mr. Prazier Attan: RECOMMENDATIONS CONTINUED ON PAGE

Legal Counsel to Mr. J. B. Adams memo Re: FOIA Request of Harold Weisberg

- 2. That the FOIA Unit review the material identified RECOMMENDATIONS: by the Laboratory Division as being within the scope of Weisberg's request to determine the applicable provisions of the FOIA.
 - 3. That the attached letter be sent to Mr. Weisberg. 3. That the attached letter be sell (2-19-74)

 Brught

 Marie Marian

 M

Mr. Kelleher

Robert P. Finzel

PREEDOM OF INFORMATION ACT (FOIA) REQUEST OF HAROLD WEISBERG FOR SPECTROGRAPHIC AND NEUTRON ACTIVATION ANALYSIS MATERIAL CONCERNING THE ASSASSINATION OF PRESIDENT KENNEDY

Purpose: To request the Laboratory Division to conduct a search for any material which may be responsive to Mr. Weisberg's request dated November 27, 1974, (copy attached).

Details: In its written opinion dated April 23, 1980, the U.S. Court of Appeals for the District of Columbia Circuit reversed an earlier District Court ruling granting summary judgment in favor of the Government in captioned matter. A summary of this ruling appears in a Legal Counsel memorandum to the Director dated May 16, 1980, (copy attached).

present, with respect to the existence of three items that were not furnished to Mr. Weisberg, summary judgment as to the adequacy of the search could not be affirmed. The Court also focused on the previous affidavit of John Kilty, the PBI Laboratory Division representative who conducted the search for responsive records, and found his description of the search conducted inadequate. In this regard, the Court also found that reversible error occurred when the District Court denied plaintiff the opportunity to depose Kilty on his search methodology.

Due to the passage of time (about 6 years) since the search for records described in the above mentioned Kilty affidavit was conducted, a search for all records responsive to Weisberg's request of November 27, 1974, should be conducted ab initio. Because of the technical aspect associated with this request, the search should again be conducted by the Laboratory Division, with the location searched extending anywhere in which those responsive records may be located.

1 - Legal Counsel
Attention: Jack Slicks
1 - Laboratory Division
Attention: John Kilty

CONTINUED OVER

wan: tac (5)

March 31, 1975

1 - Mr. White Atten: Mr.

1 - Mr. Mintz

James E. Lesar, Esq. 1231 Fourth Stroot, S. Washington, D. C.

Dear Mr. Locar

and a

I am anchosing 17 pages of, material described in my letter to you dated March 25th, plan five pages of doorments relating to the curbstone emmination which your client, Weisberg, has requested.

Siscerely yours,

Enclosures (4)

Clarence M. Relley Director

1 - Honorable Michael Ryan Assistant United States Attorney ROOK 3421 United States District Courthouse 3rd Street and Constitution Avenue, N. H. 15 APR 3 1975 Washington, D. C. 20001

- The Deputy Attorney General Attention: Sue Hauser

- Assistant Attorney General Civil Division, Attention: Mr. Axlerad

1 - Bufile 52 115530 (POT-REPLIES)

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EXHIBIT # 2

Telephone Ro. .. O mester Sec'y ___

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MAIL ROOM

HAROLD WEISBERG,

Plaintiff,

v.

UNITED STATES DEPARTMENT OF JUSTICE, et al.,

Defendants

AFFIDAVIT

I, John W. Kilty being duly sworn, depose as follows:

- 1. I am a Special Agent of the Federal Bureau of Investigation (FBI) assigned to the Laboratory Division of the FBI, Washington, D. C., in a supervisory capacity.
- 2. I have personal knowledge that Harold Weisberg directed a Freedom of Information Act request to the FBI for documents relating to spectrographic and neutron activation analysis examinations conducted in the John F. Kennedy assassination case.
- 3. On March 14, 1975, I was present at a meeting with Mr. Weisberg, his attorney, Mr. James H. Lesar, and two other representatives of the FBI, SAs Robert A. Frazier and Thomas H. Bresson. The purpose of this meeting was to identify specifically the scope of Mr. Weisberg's request since he had been advised that all final reports with regard to the requested data had been furnished to the Warren Commission and are available to the public.

4. At this meeting Mr. Weisberg requested the following:

- a. Specific spectrographic and neutron activation material which consists of tables and pages with results of readings, representing examinations of metal fragments from the bodies of President Kennedy and Governor Connally.
- b. Spectrographic analysis from the areas on the clothing of President Kennedy and Governor Connally where the bullets may have passed.

exhibit # 4

C.A. 76-2.26

- c. Available material relating to examination of the windshield of the President's automobile and examinations regarding metal fragments from the President's automobile.
- d. Laboratory examination data which may be available regarding testing done on a curbstone near the crime scene.
- 5. All available data relating to the above consists of 22 pages also furnished to Mr. Lesar by SA Bresson on March 31, 1975.
- 6. I have personal knowledge that Mr. Lesar thereafter advised the FBI's Freedom of Information Unit that Mr. Weisberg had intended his request as defined at the meeting of March 14, 1975, to include certain data which was shown to him at the close of that meeting. This material, consisting of 54 pages of data and results of neutron activation examinations conducted on certain metal fragments from the body of President Kennedy, the stretcher, and the President's automobile, is referred to in a letter from Director Clarence M. Kelley to Mr. Lesar dated April 10, 1975, and attached hereto. All this material was furnished to Mr. Weisberg by letter from Director Kelley to Mr. Lesar dated April 15, 1975, a copy of which is also attached.
- 7. With regard to the interrogatories submitted by Mr. Weisberg, the affiant, states that the FBI Laboratory employed methods of elemental analysis namely neutron activation analysis and emission spectroscopy. Neutron activation analysis and emission spectroscopy were used to determine the elemental composition of the borders and edges of holes in clothing and metallic smears present on a windshield and a curbstone.
- 8. I have conducted a review of FBI files which would contain information that Mr. Weisberg has requested under the Freedom of Information Act. I have had compiled the materials

!1.



which have been furnished to Mr. Weisberg through his attorney, Mr. Lesar. The FBI files to the best of my knowledge do not include any information requested by Mr. Weisberg other than the information made available to him.

Enclosures - 2

John W. Kilty Special Agent Federal Bureau of Investigation Washington, D. C.

mayort. I time

Notary Public - District of Columbia

My commission expires 12/10/198.

races : N. J. Stack, Jr.

SUBJECT:

PROUEST FOR INFORMATICAL FROM THE SENATE SELECT COMMITTEE CONCERNING THE J.F.A. ASSASSIMATION

Attached are two letters from the Senate Selection Committee. The letter dated Bovenber 6, 1975, sets out requests for information pertaining to various aspects of the J.P.S. assessination.

on November 7, 1975, the following Agents met to determine what material is applicable to the requests and the responsibilities of the various Divisions in aming that the material is available on Dovember 11, 1973s

Seymor Phillips, Division 3
James Johnson, Division 3
James Lee, Division 3
John Thomas, Division 3
William Nettles, Division 3
John W. Kilty, Division 7

Nettles would handle item 4. Two copies of all documents are to be delivered to Special Agent Phillips on November 1975.

It appears that the Laboratory will be able to meet this deadline. Section 21 of 62-109060 is on locate. This section contains some spectrographic workshows that pertain to item 4. Special Photo Unit will have to reproduce photographs of the President's vehicle. Special Agent Kilty has the negatives along with notes and sketches of the vehicle examination. All the Laboratory items will be subsitted to the Assistant Director for approval for release.

ACTICA: None. For information only. MC

15 80 19 1975

62-109060

Enclosures (2) Elicion

JWK: Flc (5)

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REAL PORT

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EXHIBIT #

1-Mr. Cochran 1-Mr. Stack 1-Mr. Mortimer ' 1-Mr. Kilty Hovember 10, 1975

6,26

Mr. Cochran

M. J. Stack, Jr.

REQUEST FOR INFORMATION
FROM SENATE SELECT COMMITTEE
COMMERNING THE J.F.K. ASSASSINATION

Reference my memorandum November 10, 1975, captioned as above and identifying participants at the November 7, 1975 meeting regarding this matter.

Enclosed are two copies each of the following

1tams:

- (1) Three pages of notes apparently prepared by former Special Agent Robert Frasier during the search of the President's Vehicle conducted early A.M. November 23, 1963.
- (2) One page of notes prepared by Frazier. This page contains the description of Q14 which is 3 lead fragments located in the vehicle during the search.
- (3) Four pages of worksheets and motes prepared by former Special Agent John P. Gallagher concerning the spectrographic analysis of Q14 and Q15 (scrapings from inside of windshield).
- (4) Three pages consisting of a compilation of results of neutron activation analyses conducted on Q14 (and other items).
- (5) Eight photographs of the President's vehicle.
- (6) A five-page Laboratory report to Jesse E. Curry, Chief of Police, Dallas, Texas. This report contains results of the examinations of items removed from the vehicle at the time of search.
- (7) A Hoover to Rankin letter dated March 24, 1964, setting out information concerning the search of the vehicle.

Enclosures (14) (2 each of 7 items)

JWK.rlc (5) (CONTINUED - OVER)

exhibit #

The second secon -----United States Senate WILLIAM & MILLTY, STAFF SELECT COMMITTEE TO PRECENCY & G. SCHWARE, M. CHEF CO. CHAINS IL SHIPMERS, MINORITY COMM STUDY GOVERNMENTAL OPERATIONS WITH RESPECT TO INTELLIGENCE ACTIVITIES WASHINGTON, D.C. 20510 November 26, 1975 Michael E. Shaheen, Jr., Esq. Special Counsel for Intelligence Coordination Office of the Deputy Attorney General U.S. Department of Justice Washington, D.C. 20530 Dear Mike: The Select Committee requests access to the following materials on or before Wednesday, December 3, 1975: 1. All materials pertaining to FBI contacts and/or inter views of Alonzo F. Hudkins, III, during the period November 23, 1963, through February 28, 1964, including but not limited to... The state of the s reports of interviews conducted on or about January 3, 1964, and February 8, 1964. . . 2. The identity of all Headquarters personnel (in addition to Messrs. Belmont and Sullivan) who supervised the FBI's investigation of the assassination of President John F. Kennedy. 3. The identity of all personnel who supervised the case captioned "Lee Harvey Oswald - Internal Security; Russia" prior to November 22, 1963. 4. All reports, memoranda or other materials pertaining to 125/ Care to Constant Maria Contract Cicocinite the pre-November 24, 1963 FBI contacts with Jack Ruby mentioned by Director Hoover in his June 9, 1964 letter to J. Lee Rankin. 62-169060 5. All materials pertaining to FBI interviews and/or contacts with Seymour Weitzman at any time between Movember 22, 1963, and September 24, 1964. 6. All memoranda, reports, and briefing papers prepared lacità i in preparation for or in connection with Director Hoover's November 26, 1966, statements concerning the President's autopsy reports, including copies of each autopsy report and supporting documentation. EXHIBIT #

Recorded 8-7-64 emj

FEDERAL BUREAU OF INVESTIGATION UNITED STATES DEPARTMENT OF JUSTICE

Laboratory Work Sheet

LAB FILE

Re: LEE HARVEY OSWALD, aka IS - R - CUBA

File # 105-82555-4668X Lab. # D-455927 HO

PC- 81827 BX CF

Examination requested by: President's Commission (7-7-64)

Examination requested: Photographic-Mocroscopics Date received: 8-8-64

Result of Examination:

Examination by: Shaneyfelt

Specimens submitted for examination

V609 Request for location and examination of mark on curbing at assissinati Piece of curbing.

be bulled metal. No cof-

EXHIBIT #

2-FBI, Dallas (100-10461)

100-351938-

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EXHIBIT # 9

HAROLD WEISSERG,

Plaintiff

Civil Action No. 75-226

JAME 1.1.1

UNITED STATES DEPARTMENT OF JUSTICE, et al.,

Defendants

AFFIDAVÍT

- I, John W. Kilty, being duly sworn, depose as follows:
- 1. I am a Special Agent of the Federal Bureau of Investigation (FBI) assigned to the Laboratory Division of the FBI, Washington, D. C., in a supervisory capacity. This affidavit supplements my previous affidavit of May 13, 1975.
- 2. I have personal knowledge concerning the contents of Paragraphs 26-29, inclusive, of plaintiff's affidavit dated June 2, 1975, wherein plaintiff alleges numerous documents falling within his Freedom of Information Act (FOIA) request have not been furnished him.
- 3. Concerning plaintiff's allegation that he has not been given the "spectrographic testing" of "small foreign metal smears on a piece of curbing": the Laboratory work sheet which was previously furnished plaintiff and from which he quotes is the notes and results of this test. A thorough search has uncovered no other material concerning the spectrographic testing or the metal smear on the curbing.
- [4. Concerning plaintiff's allegation that he has not been given the "microscopic study" reserved to at the bottom of page two of an August 12, 1964, letter from J. Edgar Hoover to J. Lee Rankin, which letter has also been furnished plaintiff: a thorough search has uncovered no additional documents concerning a study of this type.

GOVERNMENT EXMINIT 3

EMIBIT # /0

- 5. Concerning plaintiff's allegation that he has not been furnished "a Laboratory report apparently dated December 5, 1963": inasmuch as plaintiff has indicated he did not wish to receive our reports which are already available to the public, but rather the data compiled as input to these reports, this report was not furnished to him. This material is available to the public as Commission Document No. 205, pages 153-154.
- 6. Concerning plaintiff's allegation that, although the date of all the neutron activation analysis (NAA) documents furnished him is May 15, 1964, there is an indication that this technique was already being utilized as early as January 10, 1964: the earlier NAA; the quote from Mr. Rankin in Paragraph 27 of plaintiff's affidavit to the contrary notwithstanding, was conducted upon paraffin casts taken of Lee Harvey Oswald's hands and cheek. Plaintiff requested NAA material concerning metal fragments only. No neutron activation analysis of the metal fragments was made prior to May 15, 1964.
- 7. Concerning plaintiff's allegation that there may have been NAA' testing subsequent to May 15, 1964: to prevent any further misunderstanding concerning NAA technique, it should be noted that the date written on the NAA' documents furnished plaintiff refers to the date irradiation of the metal fragments was conducted. The compilation of other data appearing on these documents would have of necessity occurred after the date of irradiation.
- 8. Concerning plaintiff's allegation that, although NAA testing was conducted on the clothing of President Kennedy and Governor Connally, he has not been furnished the results of this testing: further examination reveals emission spectroscopy only

was used to determine the elemental composition of the borders and edges of holes in clothing and metallic smears present on a windshield and a curbstone. NAA was used in examination of certain metal fragments, and plaintiff has already been furnished material relating to these examinations. NAA was not used in examining the clothing, windshield, or curbing.

9. FBI files, to the best of my knowledge, do not include any other information requested by plaintiff in addition to that previously furnished him.

John W. Kilty
Special Agent
Federal Bureau of Investigati

Washington, D. C.

Subscribed and Sworn to before me this _

My commission expires 4-50-78

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UNITED STATES VERNMENT 1emorandum Ext. Affairs Files & Cam DATE: June 16, 1975 Mr. Cochran 1-Mr. Cochran 1-Mr. Stack beenil. M. J. Stack, Jr. W 1-Mr. Kilty SUBJECT: FREEDOM OF INFORMATION (FOIA) REQUEST OF HAROLD WEISBERG Director Sec'y _ By letter dated March 31, 1975, to James B. Lesar, Esq., attorney for Weisberg, the Bureau released five pages of documents in the John F. Kennedy assassination investigation. These five pages related to the examination of a curbstone and are enclosed with this memorandum. As can be noted on the first page of the Laboratory worksheet, lead smears from the curbstone were examined spectrographically. In a Memorandum of Points and Authorities filed in U. S. District Court for the District of Columbia, Weisberg has asked for 'this ' spectrographic testing." An exhaustive search of pertinent files, and storage locations has not turned up the spectrographic plates nor the notes made therefrom. Therefore, by affadavit, Kilty can say that the FBI Laboratory has turned over to Weisberg all the material it has concerning the spectrographic examination of the block disque à Iyabole al relative concert retires. lead smears from the curbstone. ACTION: None. For information only. REC-30 100 - 3519 1 - Mr. Breson, 5448 JEH (with enclosures) 1 - Mr. Blake, 4706 (with enclosures) JUST DEF Enclosure ENCLOSURY EXHIBIT # /3

UNITED STATES DISTRICT COURT FOR THE DISTRICT OF COLUMBIA

HAROLD WEISBERG,

TO STATE SECTION OF THE SECTION OF T

THE PARTY OF THE P

Plaintiff

Civil Action No. 75-0226

54

UNITED STATES DEPARTMENT OF JUSTICE, et al.,

Defendants

DEFENDANT UNITED STATES DEPARTMENT OF JUSTICE'S ANSWERS TO PLAINTIFF'S FIRST SFT OF INTERROGATOPIES

John W. Kilty, Special Agent, Federal Bureau of Investigation (hereinafter FBI), being duly sworn, pursuant to Rule 33 of the Federal Rules of Civil Procedure, hereby answers the following Interrogatories. These answers are based on information available to a party within the meaning of Rule 33.

Interrogatory No. 1: What are the kinds of tests or examinations, physical, chemical,

microscopic or otherwise, which would normally be conducted to determine: (a) whether or not bullets or bullet fragments have a common origin, or (b) which bullets or bullet fragments struck which persons or objects?

Answer No. 1: (a) Elemental analysis is used to determine the composition of bullets

and bullet fragments. If, say, bullet A has the same composition as bullet B, our report would say that bullet A came from the same source (origin) of lead as bullet B or another source of lead with the same composition as bullet B. This does not associate bullet A with bullet B to the exclusion of all other bullets. If bullet A is different in composition from bullet B, we point out this fact and say that bullet B

bullet A; however, we point out that bullets of mane than one composition are often represented in a single box of amount—tion. Our baboratory and other laboratorize have demonstrated that several different compositions of least are often represented in a single box of cartridges. The two methods of elemental analysis which were used in the Mennedy Assassination case were emission spectroscopy and neutron activation analysis (NAA).

(b) There are no tests available which will specifically associate

a bullet or bullet fragment to the exclusion of other bullets or bullet fragments with a particular hole in a person or object. There are tests available which will determine if a hole in a person or object, or a dent in an object, could have been causad by being struck by a bullet. In this case, emission spectroscrape, was used to determine the composition at the edges of holes incompared the composition with cloth used as control taken from areas distant from these holes, and also to determine the composition of metal scrapings from an automobile, windshield and curbstone.

Interrogatory No. 2: Are there any additional tests which could have been used in the investigation into the assassination of President Kennedy to help make these determinations? If so, what are they?

Answer No. 2: Making the assumption that positive answers to interrogatories 1(a) and 1(b) are possible, there are no additional tests which could have been used to help make these determinations in the Kennedy Assassination case.

Interrogatory No. 3: Which of the tests listed in response to the above interrogatories were performed on the evidence pertaining to the assassination of President Kennedy?

Answer No. 3:

Emission spectroscopy and/or NAA were performed on items pertaining to

interrogatory 1(a) and emission spectroscopy was performed on articles of clothing or other objects relative to interrogatory

Interrogatory No. 4: Were the tests conducted on the items of evidence pertaining to the assassina-

tion of President Kennedy as complete as they could have been?

Answer No. 4: Yes.

Interrogatory No. 5: List all items of evidence having to do with the shooting of President Kennedy

or any weapon used or allegedly used in the shooting, including any and all bullets or bullet fragments and any objects struck or allegedly struck by bullet or bullet fragments. Give the following information with respect to those items of evidence:

- (a) the type of tests performed on each such item of evidence;
- (b) the date or dates on which each such item of evidence was tested and the name of the laboratory in which the testing was done;
- (c) the name of the person or persons conducting each such test and the names of any other persons present during the testing;
- (d) the capacity, official or otherwise, in which the persons listed in response to interrogatory 5(c) were present at such testing; and
- (e) the current address and employment of each person mamed in response to interrogatory 5(c).

Answer No. 5:

· · · SPECIMEN #	IDENTIFICATION
. Ql	Bullet from stretcher
Q2	Bullet fragment from front seat cushion
Q3	Bullet fragment from beside front seat

- 3 -

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SP	ECIMEN #	IDENTIFICATION
	Q4	Metal fragment from the President's head
	Q5	Metal fragment from the President's head
	Q6	6.5 mm Mannlicher - Carcano cartridge case from building
	Q7 .	6.5 mm Mannlicher - Carcano cartridge case from building
	. Q8	6.5 mm Mannlicher - Carcano cartridge from rifle
	Q9	Metal fragment from arm of Governor John Connally
	Q14	Three metal fragments recovered from rear floor board carpet
	Q15	Scraping from inside surface of windshield
	Q21	Trousers worn by President Kennedy
	Q22	Coat worn by President Kennedy
	024	Necktie worn by President Kennedy
	Q25	Shirt worn by President Kennedy
	Q48	6.5 mm Mannlicher - Carcano cartridge case from Depository
	Q558	Windshield from President's limousine
	Q566	Coat worn by Governor Connally
	Q567	Trousers worn by Governor Connally
	Q568	- Shirt worn by Governor Connally
a l	. Q569	Necktie worn by Governor Connally
	Q609	Piece of Curbing
,	K1	6.5 mm Mannlicher - Carcano rifle with telescope sight, serial No. C2766

(a) Firearms Identification Examinations

Q1, Q2, Q3, Q4 and Q5, Q6, Q7, Q8, Q9, Q14, Q48, K1

Elemental Analysis Examinations

.Q1, Q2, Q3, Q4 and Q5, Q9, Q14, Q15, Q22, Q24, Q25, Q556, Q567, Q568, Q609

Microscopic Analysis (Fibers)

121

-1- 94

Glass Fracture Examination

0558

Microscopic Examination

Q609 .

No records were identified which concern examinations, if any, performed on Q21 and Q569.

(b) With few exceptions the date(s) on which each item of evidence was examined is not recorded. However in order to be as responsive as possible, the date of receipt of the evidence and the date of the communication containing results are listed below; the date upon which the item was examined would of necessity fall between the former and latter date.

Specimens received in the FBI Laboratory on November 22, and/or 23, 1963, and examined therein:

Q1, Q2, Q3, Q4 and Q5, Q6, Q7, Q8, Q9, Q14, Q15, K1
Results of examinations on these specimens are included
in a November 23, 1963, Laboratory Report.

Specimens received in the FBI Laboratory on November 23,

1963, and examined therein:

022, 024, 025

Specimens received in the FBI Laboratory on Movember 27, 1963, and examined therein:

Q48, K1

Results of examinations on these items are included in a November 29, 1963, Laboratory Report.

Specimens received in the FBI Laboratory on March 20, 1964, and examined therein:

0558

Results of examinations on this item are included in a March 26, 1964, Laboratory Report.

Specimens received in the FRI Laboratory on April 9, 1964, and examined therein:

. . . Q556, Q567, Q568

Results of examinations on these items were reported to the President's Commission by letter dated April 16, 1964.

Specimens received in the FBI Laboratory on August 6, 1964, and examined therein:

Q609

Results of examinations on this item were reported to the President's Commission by letter dated August 12, 1964.

Specimens Q1, Q2, Q4 and Q5, Q9, and Q14 were examined by neutron activation analysis at the Oak Ridge National Laboratory. Records indicate that these items were irradiated May 15, 1964, and counted on May 15, 1964, and May 26, 1964. The results of these examinations were reported to the President's Commission by letter dated July 8, 1964.

- Special Agents Robert A. Frazier, Courtlandt Cunningham, and Charles L. Killion

 Elemental Analysis Examinations

 Special Agents John F. Gallagher, Henry B. Heiberger, and William R. Heilman. J. F. Fmery and Frank F. Dyer

 Microscopic Analysis (Fibers)

 Special Agent Paul M. Stombaugh
- (d) All individuals listed in 5(c) were acting in their official capacity.
- (e) Coutlandt Cunningham, FBI Headquarters, Washington, D. C. Paul M. Stombaugh, FRI Headquarters, Washington, D. C. Robert A. Prazier, Retired Charles L. Killion, Retired

Henry B. Heiherger, Retired

William R. Heilman, Retired

Our records do not indicate the current address and employment of retired employees. Our records do not indicate the current address and employment of J. P.

Emery and Frank F. Dyer. However, in 1963 and 1964 they were chemists for Union Carbide Corporation, Oak Ridge National Laboratory, Oak Ridge, Tennessee.

Interrogatory No. 6: List all correspondence with respect to such tests which was exchanged

Detween the FBI and the Warren Commission, including the Commission's Chairman, Earl Warren, its General Counsel,

J. Lee Rankin, or any member of the Commission's staff.

Answer No. 6: Our records indicate that the

examinations listed in inter-

rogatory 5 were referred to in letters from J. Lee Rankin, General Counsel, the President's Commission, to J. Edgar Hoover, Director, FBI, bearing the following dates:

January 7, 1964

Pebruary 4, 1964

February 12, 1964

March 6, 1964

March 18, 1964

March 18, 1964

April 9, 1964

May 12, 1964

July 7, 1964

Our records indicate that the examinations listed in interrogatory 5 were referred to in letters to J. Lee Rankin, General Counsel, the President's Commission, from J. Edgar Hoover, Director, FBI, bearing the following dates:

> January 10, 1964 February 7, 1964

February 18, 1964

March 11, 1964

March 23, 1964

March 24, 1964

April 16, 1964

June 2, 1964

July 8, 1964

August 12, 1964

August 19, 1964

Our records indicate that the examinations listed in interrogatory 5 were referred to in FBI Reports of Special Agent Robert P. Gemberling, Dallas, bearing the following dates:

November 30, 1963

December 12, 1963

April 15, 1964

May 28, 1964

July 2, 1964

Interrogatory No. 7:

List all correspondence with respect to such tests which was exchanged between the FBI and the AFC.

Answer No. 7:

No correspondence between the Atomic Energy Commission (AEC) and the FBI was located in FBI records.

Interrogatory No. 8:

what are all the chemical components of the bullet (CE399) allegedly used in the murder of President Kennedy?

CE 399 (Q1) was examined for its:

elemental composition. An examination

Answer No. 8:

of records shows that the lead portion contained bismuth, copper, magnesium, silicon, iron, silver and antimony. The jacket portion contained tin, lead, copper, zinc, silicon, iron and silver.

Interrogatory No. 9: Were all of these chemical components tested in each of the tests made? If not, why not?

Answer No. 9: I am not able to answer this question inasmuch as I do not understand plain-

tiff's question. See my answer to interrogatory 8 for a listing of the elements in CE 399 (Q1).

Interrogatory No. 10: What are the normal standards and procedures for conducting neutron

activation analysis?

Answer No. 10: NAA is a method of chemical analysis
based on the detection and measurement

of characteristic radionuclides produced in a nuclear reactor.

The procedures for conducting such an analysis are many and varied depending on the material to be examined and the chemical elements under investigation. Three texts which are publically available and may be of assistance to plaintiff are Principles of Activation Analysis by Paul Kruger, Applied Gamma Ray

Spectrometry by Adams and Dams and Neutron Activation Analysis by De Soete, Gijbels and Hoste. "Normal standards" as this term is used in interrogatory 10 and applied to NAA in general is not understood by me.

Interrogatory No. 11: Were the normal standards and procedures followed with respect to the testing and analysis of items of evidence pertaining to the assassination of

analysis of items of evidence pertaining to the assessment of

Answer No. 11: It is assumed that this interrogatory refers to NAA. The procedures used to

examine the items of evidence by NAA were ones that would have been employed by other practicioners given the same kinds of materials with which to work.

Interrogatory No. 12: Under normal circumstances, who decides what is tested?

Answer No. 12: Assuming that evidence is submitted to the FBI Laboratory, the contributor

usually requests that certain items be examined to show relationships to one another and to somehow associate items with a crime. Based on their experience and expertise, examiners in the FBI Laboratory will usually determine the kinds of examinations to perform on items of evidence.

With respect to the assassination Interrogatory No. 13: of President Kennedy, who decided

what was tested?

Our records do not reveal "who Answer No. 13: decided what was tested" in the

Kennedy assassination case.

In subjecting evidentiary specimens Interrogatory No. 14: to neutron activation testing, is it

normal to make a full and complete tabulation of the results? In this case, was any such tabulation made? If so, was it complete?

It is "normal" to make a "tabulation" Answer No. 14: of the results when subjecting speci-

mens to NAA. By "results" I mean the numerical quantitative amount of a chemical element measured in the material examined. The use of the "full and complete" characterization of the "tabulation" is not understood by me. A "tabulation" was made of the results obtained in the NAA of metal fragments in this case. This was given to plaintiff and to the best of my knowledge is complete.

Interrogatory No. 15: In making a neutron activation analysis, is it normal to reach stated conclusions as to whether the various evidentiary specimens are identical or different in chemical composition?

The conclusion one makes regarding Answer No. 15: whether or not specimens are "identical

or different in chemical composition" is based on the data available from whatever technique or techniques were employed in the examination. In some cases, due to the limited size of the material and/or its state of contamination and/or the character of its composition, it is not possible to reach an "identical or different" conclusion. Additionally, the terms used to

describe the conclusion reached are the choice of the person making the conclusion and may not necessarily be stated as "identical" or "different." See my answer to interrogatory 1(a) for a further discussion regarding the conclusions reached concerning elemental analysis of bullet fragments.

Interrogatory No. 16: Were any such stated conclusions made with respect to the items of

evidence tested by spectrographic or neutron activation analysis in this case?

Answer No. 16:

Consistent with my answer to interrogatory 15 the answer is yes.

Interrogatory No. 17: Were full and complete results of the spectrographic and neutron acti-

vation tests given to the Warren Commission? Did the Warren Commission ask for them?

Answer No. 17:

In Interrogatory 14 I defined "results" as the numerical quantitative

amount of a chemical element measured in the material examined. This definition applied to NAA examinations. An extension of this definition for spectrographic "results" would be the relative concentration of a chemical element in the material examined. Using these definitions, the "results of the spectrographic and neutron activation tests" were not given to the Warren Commission. Based on my review of the records, I am unable to determine if the Warren Commission asked for them.

Interrogatory No. 18: Were full and complete stated conclu-

sions as to what the tests showed given to the Warren Commission? Did the Warren Commission ask for them?

Answer No. 18:

If by "full and complete stated conclusions as to what the tests showed" the plaintiff means our expert opinion as to what the results of the spectrographic examinations and NAA indicated, the answer is yes. Based on my review of the records, I am unable to determine if the Warren Commission asked for them.

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Interrogatory No. 19: Was the neutron activation testing done on any items of evidence in the Kennedy assassination other than the paraffin casts and the five Commission Exhibits--CE 399 (Q1), CE 567 (Q2), CE 843 (Q4, Q5), CE 842 (Q9), and CE (Q14)--mentioned in the April 10, 1975, letter from FBI Director Clarence Kelley to Mr. James H. Lesar?

Answer No. 19:

No.

Interrogatory No. 20: If the answer to interrogatory number 12 is affirmative, what are the other items of evidence which were subjected to neutron activation testing?

Answer No. 20:

Assuming plaintiff means to refer to "interrogatory 19." no answer is necessary.

Interrogatory No. 21: If the answer to interrogatory number 12 (sic) is negative, why were the

following items of evidence not subjected to neutron activation testing:

- (a) CE 141, the live round found in the Mannlicher-Carcano rifle which allegedly belonged to Lee Harvey Oswald and fired the shots which killed President Kennedy?
- (b) the clothing of President Kennedy and Governor Connally struck by or alleged to have been struck by bullets?
- (c) the curbstone on the south side of S. Main Street east of the Triple Underpass which was struck by bullet?
- . (d) the bullet fragment which is FBI Laboratory Number Q3? Answer No. 21:
- (a) Our records do not indicate why CF 141 (Ω8) was not examined by NAA.
- (b) Based on my experience and expertise, the reason the clothing of President Kennedy and Governor Connally was not examined by NAA in the areas where a bullet allegedly passed is because NAA is not the method of choice for the determination

of bullet holes. In 1963, emission spectroscopy was the method of choice for elemental analysis of the borders of holes in garments.

- .(c) Based on my experience and expertise and an examination of the notes made regarding the spectrographic analysis of the lead smear on the curbstone, it is clear that the minimal amount of lead smear present on the curbstone was not adequate to conduct an examination by NAA.
- (d) Records indicate that Q3 is a section of bullet jacket devoid of its lead core. Bullet jacket material made of copper, zinc and/or iron is generally unsuitable for examination by NAA unless chemical separations are conducted. The chemical separations would necessarily destroy markings on the item of evidence. Emission spectrographic analysis was the method of choice for analysis of bullet jacket material in 1963. Interrogatory No. 22: Under normal procedures would the

results of the spectrographic or neutron activation analyses be recorded and verified by someone other than the person conducting the tests? Was such a procedure followed with respect to the items of evidence tested by these techniques in connection with the investigation into President Kennedy's assassination?

Answer No. 22:

An examiner often consults with another

examiner concerning his findings in a

specific case, but in all likelihood there would be no reason
to commit this consultation to record. An examination of records
does not indicate that more than one person recorded or verified
the results of the individual spectrographic or NAA examinations.

Interrogatory No. 23:
Was a full and complete comparison made
between the chemical composition of

CE 399, the bullet which allegedly wounded both President
Kennedy and Governor Connally and (a) the composition of the
metallic traces on President Kennedy's clothing, (b) the composition of the metallic traces on Governor Connally's clothing,
and (c) the composition of all fragments removed from Governor
Conally's body?

Answer No. 23:

- (a) No. Referring to my answer to interrogatory 1(b), a "full and complete comparison" between the composition of a bullet and the minute traces of metal left at the edges of a hole will not permit the conclusion that the hole was made by a specific bullet.
- (b) There were no metallic traces on Governor Connally's clothing.
- (c) Our records indicate that only one fragment of lead was removed from Governor Connally's body. The answer to this portion of the interrogatory is yes.

Interrogatory No. 24: Was a full and complete comparison made between the chemical composition of the bullet fragments recovered from President Kennedy's head and (a) the composition of the sweepings from the windshield, and (b) all five fragments found in the car during two different searches?

Answer No. 24:

- (a) Yes, to the extent that the specimens were of adequate size and condition for compositional analysis.
- (b) Our records indicate that the metal fragments recovered from President Kennedy's head were lead and that the five fragments found in the car consisted of a portion of a jacketed bullet (core and jacket), a bullet jacket and three lead fragments. It is apparent from these records that a compositional comparison was made where appropriate.

Interrogatory No. 25: Was a full and complete comparison made between the chemical composition of CE 399, the bullet which allegedly wounded both President Kennedy and Governor Connally and (a) the composition of CF 141, the bullet found in the Mannlicher-Carcano rifle, and (b) all other bullet fragments?

Answer No. 25:

(a) No.

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(b) No. Although comparisons were made, CE 399 (Q1) was not compared with all other bullet fragments.

JOHN W. KILTY
Special Agent
Federal Bureau of Investigation
Washington, D. C.

Subscribed and Sworn to before me this _____ day

Notary Public Lee Balasse

My commission expires _

is. Of the v. a. the a dalling varieties t, stated to found the teach point is the College a ser common the access of the Winns School Pool Repository "of iding. To proved the minager, I'v. Milling. now thits bog at the live it was to's a buto percent for by It. PAY. THURN, according to MAY, had not true that buy before. No one olds viewed it. Thurk furnithed at the brown paper from the roll that was used in paciting begins by the Years School Pools Depository. Whis proper was econtined by the FAL Imboratory and found to have the came observable characteristica as the brown paper bag shaped like a gan case which was found near the scone of the shooting on the sinth floor of the Torne School Book Espocitory Duilding. The Ballas policy have not cultilated this to anyone older. It was irrediately looked up by 1'MY, kept in his personation until it was turned over to Bull Agont PANN for transmitting to the Laboratory. It was exemined by the Laboratory, returned to the Fallen Folice Espartment Rovember 24, 1983, locked up in the Crime Inboratory. This beg vas returned to Agent DRAIN on November 26, 1063, and taken back t the FBI Laboratory.

Lt. DAY stated no one has identified this bag to the Dallas Police Popartment.

FILED

JUL 2 1981 /

CLERK, U.S. DISTRICT COURT DISTRICT OF COLUMBIA

EXHIBIT # 17

	nallas, Womas	Filo #	DL 89-43
by Special Agent	VEHICE DE D. WIANIZONI/1001/100-	, Data dietuta	1.17/29/63
the decurrent tentals:	a notther recommendation has constituted of the f	Philip to the property of	of the FBI and to lear

Date _____11/30/63

MOV 50 1060

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Lt. CART LAT, Dallas Police Department, stated he found the brown paper bag shaped like a gun case mear the scene of the shooting on the sixth floor of the Texas School Book Depository Building. He stated the manager, Mr. TRULY, saw this bag at the time it was taken into possession by Lt. DAY. TRULY, according to DAY, had not seen this bag before. No one else viewed it. TRULY furnished similar brown paper from the roll that was used in packing books by the Texas School Book Depository. This paper was examined by the FBI Laboratory and found not to be identical with the paper gun case found at the scene of the shooting. The Dallas police have not exhibited this to anyone else. It was immediately locked up by DAY, kept in his possession until it was turned over to FBI Agent DRAIN for transmittal to the Laboratory. It was examined by the Laboratory, returned to the Dallas Police Department November 24, 1963, locked up in the Crime Laboratory. This bag was returned to Agent DRAIN on November 26, 1963, and taken back to the FBI Laboratory.

Lt. DAY stated no one has identified this bag to the Dallas Police Department.

EXHIBIT # 18

Commission No.

on 1./20/63 of Dallas, Texas	File # Dallas 89-43
by Special Agent VINCENT E. DRAIN	Date distated
This document contains neither recommendations nor contains of	the FBI. It is the property of the FBI and is loaned to

FEDERAL BUREAU OF INVESTIGATION

Honorable James J. Bowley WASHINGTON, D. C. To: Chief United States Secret Service

Department of the Treasury Washington, D. C. 20220

Attention: Mr. Robert I. Bouck Special Agent in Charge

Protective Research Section

Assassination of president YUNENZE . KEHOL

John Edgar Hoover, Director

December 5, 1963

BY LIAISON

YOUR NO. FBI FILE NO. LAB. NO.

62-109060 PC-78282 BX HB

Examination requested by:

Letter 11/23/63

Addressee

Reference:

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mont _

Hahan

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Firearms - Spectrographic

Examination requested:

Evidence personally delivered by Special Agent Orrin Bartlett Specimes: on 11/23/63

Q19 Pair of black moccasin shoes

Q20 Pair of black socks

Q21 - Q22 Trousers and coat Q23 Relt

Q24 Tecktie

9.

Q25 Shirt Q26 Handkerchief

Q27 Comb

Bandages and belt 028

Thite shorts

Results of examination:

Examination of the President's clothing revealed the presence of a small hole in the back of the coat and shirt. The hole in the back of the coat is positioned approximately 5 3/8" below the top of the collar and 1 3/4" to the right of the middle seam. The hole in the shirt back

2 - FBI, Dallas

1 - Mr. Belmont

1 - Mr. Sullican (Attention:

Mr. Barflett)

1 - Mr. Handley

EC 1 6 1933 RAF: sh (10)

Page 1 TELETYPE UNIT

(continued on next page)

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