Mr. Herneon

M. D. Clerks

HOUSE SELVET COMMITTEE

ON ASPASSINGTICKS

Mr. J. J. McDertact 1 C/11/79 1 - Mr. J. A. Mintz (Atta D. Poschella) 1 - Mr. D. S. Metre, Jr. (Atta: J. Carey) Mr. W. L. Balley 1 1 - Mr. D. Pyar Pr. D. J. Clark 1 U. S. LOUGE OF REPRICTURATIONS (PAGA) 1 - Fr. B. P. Hernden - Mr. N. S. Clark D I.T. J. U. Kilty

وروالي المروم المراجع معرفة المروح العدالي

PURPOSE. To advise of the results of an interview with former Sa Jose F. Gallagher and the results of a review of particulat docu sents in the Konnely Assageination Mile to determine the dispositio el cartila fatal Lallistic evidence. Feference D. Ryun to Fr. Bailey meno date1 6/1/79 (attached).

EYROPSIS Former Laboratory BR advised that rulicactive ratel warples were disposed of at Oak Ridge Dational Laboratory (ORML) . A riview of Europa file indicates that certain 'fetal Lollistic evidence, maxely accounts Q1 through 65, 09, 014 and Q12 were examined by neutron activation analysis ("AA) and/or estables spectronce; y. Portions (exact weight not determine) of these spectrons were consumed by erission spectroscopy. Weighed replicate samples of specifiens (1. Q2. Q6. Q5, Q9 and Q14 while analyzed by MAR. All of there samples were disposed of at CR 12. Shot revained of specimens Q1 through Q3 Q9. C14 and Q15 after cleaning and analycis was transforred to Naticaal Aronives and Records Service (DARS) is 1900.

PLCONSCIONTION

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That the attached LBP with cover letter be approved for transmission to Deputy Assistant Attorney General Robert L. Keuche

DUTAILS: On 6/2/75, EX John W. Killy of the Laboratory collected former St John F. Gollagher, now retired, to determine if Gallaghtt knew the whoreabouts of the lead fragments which were examined by use in this case. Gallagher took lead fragments to the Onal where

Enclosures (3)

JET 516 (10)

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Clark to Mr. Herndon Mero

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he and ONNL personnel performed examinations on them. He advised that it was his recollection that the lead fragments which were ' made radioactive were disposed of as 'radioactive trach' at the ORML. This, according to Callaghar, was the appropriate method of dealing with these radioactive samples at the time.

The BSCA's consultant in NAA, Dr. Vincent P. Guine, Professor of Chemistry, University of California, Trvine, made an informal inquiry about these specimens to SA John Kilty in May 1976. Kilty stated that if the fragments were not paintained by MARS they were most likely disposed of at ORML.

A review of pertinent documents in the file reveals the following concerning the description and weight of the "fatal ballistic avidence" when it was received in the FBT Laboratory:

Spogiaes		23	Description	Koicht (yraiss)	Kolght (milligrens)		
		(EL)	Bullet from Stratcher	158.6	10,277		
		(01)	Bullet fragment	44.6	2,855		
C2	569	(03)	Bullet fragment	21.0	1,361		92
ູດຄ	843	(94)	fron boxide front seat Sotal fragment from the President's head	1.65	107	.	
		(\$5)	Setal fragment from the Provident's head	0.15	9.7		•
	•	(29)	Metal fragment from arm of Governor John Connally	0.5	65		·
CE	\$49	(014)	Three setal fragments removed from rear	0.9	58	•	
•				0.7	45		1
CZ	841	(215)	floorboard carpot Screping from inside Surface of vindshield	0.7 No weight	45 : listod	· · ·	

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Clark to Mr. Bernion Meso Re. House Select Convittee on Assassinations U. S. House of Representatives (HSCA)

The milligram weight was determined by pultiplying the grain weight by 66.6. The documents do not show metric weights when the specimens were first received.

Other documents in the file show that all the above-listed specimenz were excluded by mission spectroscopy. This mathed of analysis consumes, by burning, the metal analyzad. The documents do not indicate the weight of material/analyzad; however, it was likely less than 10 milligrans per specimen.

The documents pertaining to the MAA of the specimens show that wetal samples weighing the following were subjected to this type of analysis:

Sacris Ol	Height (uilligrams)			
	17.73			
Q2	60.97			
Q4, Q3	32.045			¥.
Q9	5.33	•	•	• •
01;	32.75	`		• • • •

It is pointed out that the documents indicate that replicate samples were enclyred. For example, five replicates of Cl were analyzed which have a total weight of 17.73 millicrars. These are the samples which were disposed of at ONML and to which Professor Guinn refers.

It is also pointed out that some wass of material may have been 'lost' because of the necessity for cleaning the spacingers prior to emission spectroscopy and MAR.

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'Information concerning the weights of the specinenz when they ware turned over to MARS is not retrievable from Bureau files. However, Bureau records disclose that the "fatal ballistic evidence" listed above risus the portion removed for analysis and/or closhing was transferred to MARS in 1965. House Select Committee on Assassinations U. S. House of Representatives (HSCA)

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Specimen	Description	Weight (grains)	Weight <u>(milligrams</u>
CE 399 (Q1)	Bullet from stretcher	158.6	10,277
CE 567 (Q2)	Bullet fragment from from seat cushion	44.6	2,890
CE 569 (Q3)	Bullet fragment from from beside front seat	y 21.0	1,361
CE 843 (Q4)	Metal fragment from the President's head	1.65	107
CE 843 (Q5)	Metal fragment from the President's head	0.15	9.7
CE 842 (Q9)	Metal fragment from arm of Governor John Connally	0.5	65
CE 840 (Q14)	Three metal fragments	0.9	58
CE 841 (Q15)	removed from rear floorboard carpet Scraping from isside surface of windshield	0.7 0.7 No weight	45 45 listed

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The milligram weight was determined by multiplying the grain weight by 64.8. The documents do not show metric weights when the specimens were first received.

Other documents in the file show that all the abovelisted specimens were examined by emission spectroscopy. This method of analysis consumes, by burning, the metal analyzed. The documents do not indicate the weight of material analyzed.

The documents pertaining to the NAA of the specimens show that metal samples weighing the following were subjected to this type of analysis:

Sample	Weight (milligrams)			
. <u>Q1</u>	17.73			
-~ Q2	68.87			
Q4, Q5	32.045			
Q9	5.33			
Q14	32.75			

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House Select Committee on Assassinations U. S. House of Representatives (HSCA)

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It is pointed out that the documents indicate that replicate samples were analyzed. For example, five replicates of Ql were analyzed which have a total weight of 17.73 milligrams.

It is also pointed out that some mass of material may have been "lost" because of the necessity for cleaning the specimens prior to emission spectroscopy and NAA.

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Information concerning the weights of the specimens when they were turned over to NARS is not retrievable from Bureau files. However, Bureau records disclose that Commission Exhibits 399, 567, 569, 840, 841, 842 and 843 minus the portion removed for analysis and/or cleaning were transferred to NARS in 1966.