

- Q. Who asked you to make a test?
- A. It was our judgment we might get something out of them.
- Q What sort of comparisons did you make as a result of your spectrographic and neutron activation analysis?
 - A. Compared them to see if they were compatible.
 - Q You compared each sample of each item of evidence?
- A. Each specimen, analysis of the different specimens to see if anything -- any judgment that could be furthered.
 - Q Let me get it clear.

There were two fragments removed from the President's head and two fragments in the front seat of the car, one from Governor Connally's wrist, the bullet which is Commission Exhibit 399.

There were the items of the President's clothing.

There was a curbstone and the windshield scraping.

Did you take each specimen and compare it with

each of the others?

- A Yes, I believe I did.
- Q And did you make a table of that?
- A I don't recall whether I did or not.
- Did you make a report on the comparisons and what the comparisons showed?

A. No.

There was a report that went out previously on the spectrographic examinations.

- Q. When was that?
- A. I don't know.
 Subsequent to the receipt of the specimens.
- Q When was that?
- A. I don't know.
- Q The specimens were received on November 22 or 23,
 I believe.
 - A Within two weeks a report went out, I would say.
 - There was no further report after that?
- A Then there was a report on the neutron activation analysis, a letter to Rankin.
- Q We have no work sheets, no reports, no evidence whatsoever that the copper fragment found on the front seat was subjected to neutron activation analysis.

Was it?

- A I don't recall.
- Should it have been?
- A I don't recall.
- I think copper has the same problem of hiding elements as does sodium.

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- A I might not have listed them. I might have made calculations as I went along.
- Q. Can you determine from those sheets whether you made calculations as you went along?
 - A How could I?

This is the essential data.

If anybody wants to go back and check my work, the essential data is here.

- Who else could understand them but you?
- A Anybody down at Oak Ridge, Tennessee, can understand these things; anybody doing neutron activation analysis can follow these things very clearly.

Every single peice of data that they need is here.

MR. RYAN: I object.

I don't think it is fair to ask the witness to try to remember every calculation which he might have made or somebody might have made in the laboratory 13 years ago.

It's asking too much.

BY MR. LESAR:

- Q Could the Warren Commission have made the proper calculations from those notes?
- A The Warren Commission -- I don't know whether they could or not, but I know mybody in the business can.

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- Q Did you give them a report on the nuetron activation analysis?
 - A A report?

A letter went out to Rankin, I think, on some of this stuff.

- Q. Who did you submit your report to on this?
- A Who did I submit it to?
- O. Yes.
- A I submitted it to the files.

 It went to Rankin.
- Q. Commission's general counsel?
- A He got a copy of the results.
- Q What do you recall about that report?
- A I had to wedge this data in with the Oak Ridge atomic reactor data.
- Q I believe you will see the dates on those work sheets, I think May 15.

Is that correct?

- A Yes.
- Q. What explains the long delay in conducting neutron activation analysis on these items?
- A. You can see from all the reports that were furnished that there was no delay whatsoever in any of the