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SUBJECT	Emmanuel	Schwarts
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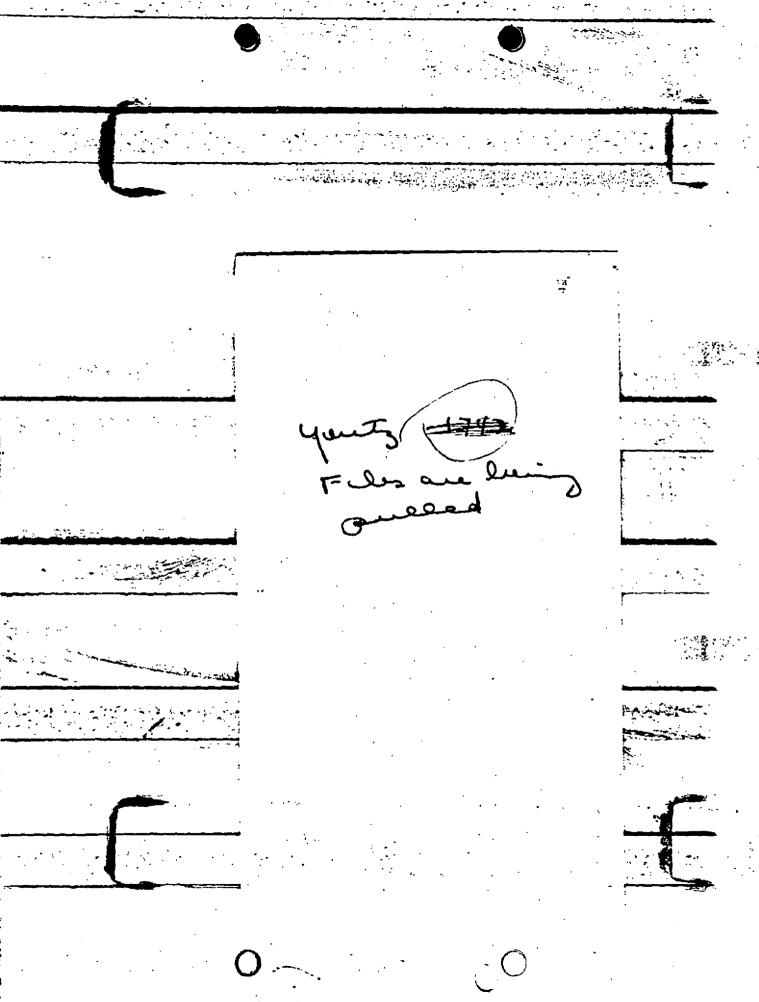
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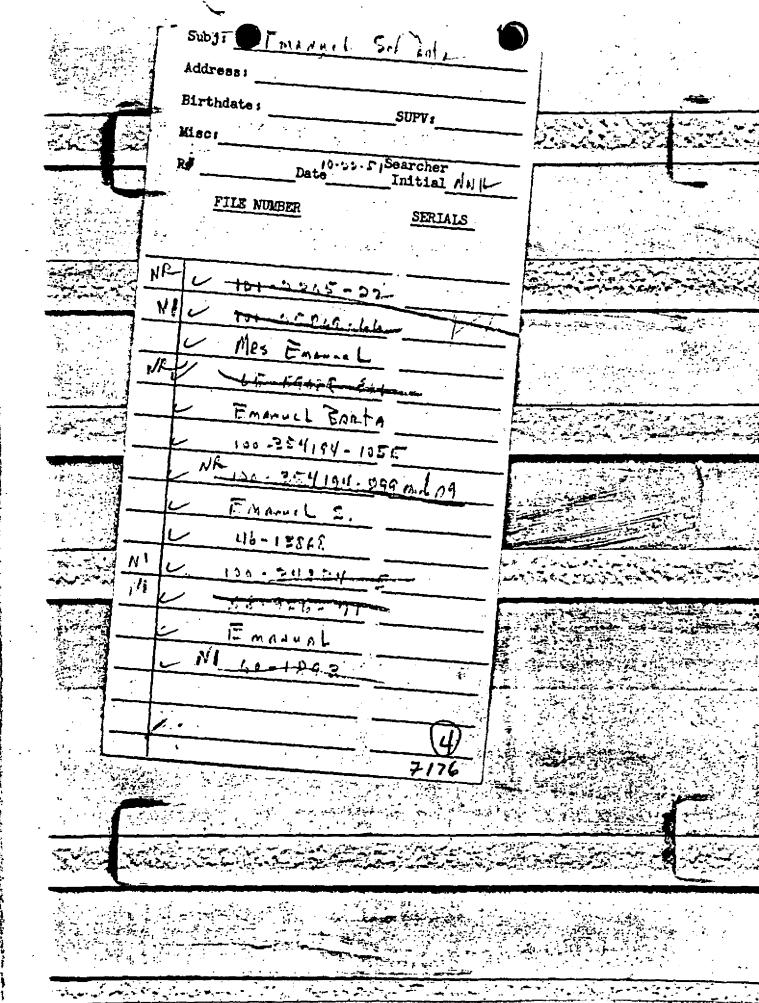
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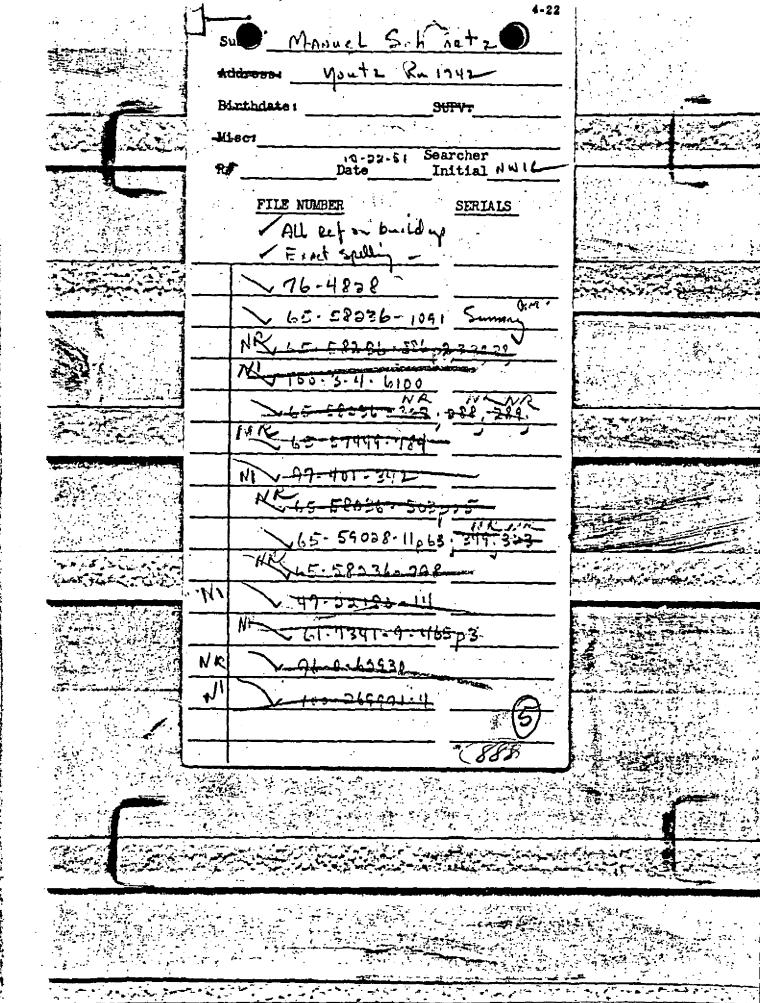
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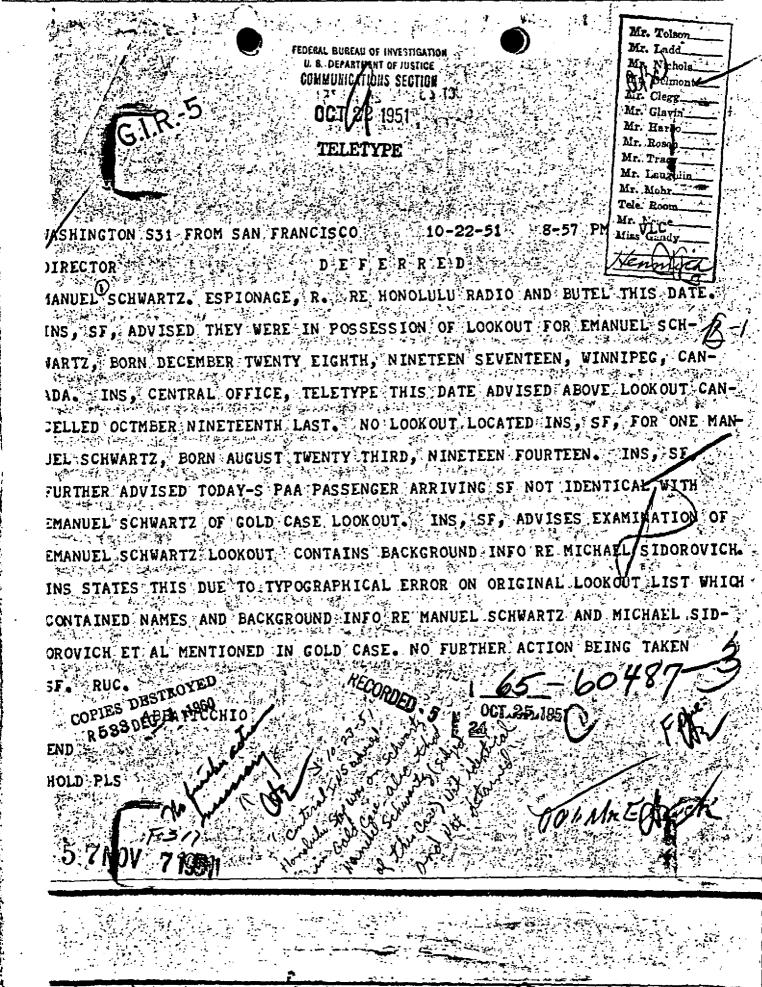
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B. 1. 12 -1 Office Memorandum UNITED STATES GOVERNMENT

ofrector, FBI TO

DATE: March 4, 1952

PFROM

SUBJEC

SAC, Chicago (#65-3692)

MANUEL SCHWARTZ ESTIONAGE - R

Rebulet 2-26-52.

The Chicago office will hold in abeyance the interview of subject SCHWARTZ until reports are received from. New York and Philadelphia offices in order that the results of the re-interview of DAVID GREENGLASS and the interview of RUTH GREENGLASS, as well as the extent of SCHWARTZ: testimony before the Federal Grand Jury in New York, may be available at the time of this interview.

JJH: OC

New York Philadelphia INDEXED - 53

March 31, 1952

BAC, Albuquerque (65-107)

Director, TBI (65-60487)

MAMUEL ECHVARTZ, wa
Elemanuel Schwartz

ESPIONATE - R

Ro Albuquerque memorandum dated March 14, 1952.

It will not be necessary for the Albuquerque Office to interview former fellow employees of Schwartz at Los Alemos pending the outcome of other investigation in this case. The Chicago Office as the office of origin should net out such a lead, if after further investigation it is believed desirable to have former fellow employees of Schwartz interviewed.

cc - Chicego

RJL:GAS

gl.

MEST CREPHIN

U.S DEPT. BF JUSTICE

EINEL HAIL HOOK

65-60487-5

Office Memorandum • United Stress Government

DIRECTOR, FBI

SAC, ALBUQUERQUE (65-107)

TO

MANUEL SCHWARTZ, WA Emmanuel Schwartz ESPIONACE - R

DATE: March 11, 1952

Reference is made to Philadelphia teletype dated February 19. 1951 captioned EMMANUEL SCHWARTZ; ESPIONAGE - R.

The EMMANUEL SCHWARTZ referred to by DAVID GREENGLASS is no doubt identical with MANUEL SCHWARTZ who was a civilian employee of the Los Alamos Scientific Laboratory at Los Alamos, New Mexico from July 6, 1944 to January 15, 1946.

The files of the Albuquerque Office reflect that by letter dated August 1, 1950 captioned DAVID GREENGLASS, Was, ESPIONAGE - R, Bureau file 65-59192, the Bureau and the New York and Chicago Offices were advised of the information concerning SCHWARTZ available in the files of the AEC Security Office at Los Alamos, New Mexico.

The Albuquerque files further reflect that MANUEL SCHWARTZ was interviewed by the Chicago Office on August 6, 1950 and the results of this interview were reported in the report of SA JEREMIAH J. HURLEY, Chicago, dated August 7, 1950 in the case captioned JULIUS ROSENBURG; ESPIONAGE - R.

The Bureau is requested to advise the Albuquerque Office whether it desires that former fellow employees of SCHWARTZ at Los Alamos, New Mexico be interviewed concerning him at this time.

No further action is being taken by the Albuquerque Office pending a reply from the Bureau.

Chicago (AMSD) New York (AMSD)

Philadelphia (AMSD)

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MAR 18 1952

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H 9 NEW YORK 3 AND CHICAGO 1 FROM PHILA 2-19-52 2.25 PM

ECTOR AND SACS . URGENT

ANUEL SCHWARTZ, ESP, R.

PAGE ONE

ID GREENGLASS ADVISES HE HAS RECALLED FOLLOWING INFO - SCHWARTZ MATHEMATICIAN IN PHYSICS DEPT. AT LOS ALAMOS PROJECT WHILE N ENGLASS STATIONED THERE. AT ONE TIME, DATE NOT RECALLED, X ENGLASS STOPPED AT SCHWARTZ-S DESK AND WHILE TALKING WARTZ WROTE AMOUNT OF PLUTONIUM NECESSARY FOR CRITICAL MASS ON AP OF PAPER AND SHOWED IT TO GREENGLASS. GREENGLASS MEMORIZED O AND STATES HE PROBABLY GAVE IT TO JULIUS ROSENBERG FOR NSMITTAL ALTHOUGH GREENGLASS CLAIMS TO HAVE NO PRESENT OLLECTION OF HAVING DONE SO. GREENGLASS STATES SCHWARTZ WAS ADIAN CITIZEN BROUGHT UP IN TORONTO AND HIS FAMILY STILL RESIDES PRIOR TO EMPLOYMENT AT LOS ALAMOS SCHWARTZ DID GRADUATE RE. K AND STUDENT TEACHING AT U. OF CG. HE TOLD GREENGLASS HE K JOB AT LOS ALAMOS BECAUSE HE HAD BEEN TOLD HE MUST GET INTO ORTANT WAR WORK OR FACE DEPORTATION TO CANADA. **SCHWARTZ** T LOS ALAMOS BEFORE GREENGLASS. GREENGLASS RECALLS TRYING TO CH HIM BY PHONE WHILE PASSING THRU CG IN FORTYSIX AT THAT GREENGLASS WAS VERY FRIENDL WARTZ EMBLOYED U OF CG. WARTZ AND HAD DINNER AT SCHWARTZ-S HOUTE ON AT LEAST HE NEVER DISCUSSED CP BUT SCHWARTZ HAD SAME SOVIET ASIONS

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PATHIES REENGLASS AND DISCUSSED THEM WITHHIM. FESSES TO KNOW WHY SCHWARTZ GAVE HIM INFO ABOUT PLUTONIUM HE NEVER TOLD SCHWARTZ OR ANYONE ELSE OF HIS ESPIONAGE CONNECT-3. SCHWARTZ IS ALSO KNOWN TO RUTH GREENGLASS. GREENGLASS TES HE MAY HAVE CORRESPONDED WITH SCHWARTZ AND, IF SO, CORREDPONDENCE BABLY IN POSSESSION NY OFFICE. HE HAS NO INFO ABOUT SCHWARTZ CE FORTYSIX. HE RECALLS SOME BRIEF DISCUSSION OF SCHWARTZ ING EARLY INTERVIEWS BUT FEELS SURE HE NEVER GAVE AGENTS INFO JT RECEIVING EXACT WEIGHT OF CRITICAL MASS OF PLUTONIUM AS HE JUST RECALLED THISM GREENGLASS DESCRIBES SCHWARTZ AS OF TYFOUR AS FOLLOWS - THIRTY. FIVE NINE OR TEN. ONE HUNDRED FORTY ., DARK EYES, BLACK HAIR, POSSIBLY WITH SOME GRAY, CURLY AND TED ON ONE SIDE, THIN FACE, SALLOW COMPLEXION, SLENDER BUILD, I NOSE, VERY SEMETIC FEATURES, MARRIED, WIFE ETHEL AMERICAN (ZEN, ONE CHILD, ALWAYS HAD A PREOCCUPIED AIR. BUREAU AND OFFICES REQUESTED TO CHECK INDICES RE SCHWARTZ. CG SHOULD SIDER ITSELF OO SINCE SCHWARTZ LAST KNOWN TO BE AT U. OF CG. RUC. CORNELIUS

TO BE ADVISED

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ector. FBI 1-22 ANUEL SCHWARTZ ESPIONAGE - R 60487-6



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Re Philadelphia tel February 19, 1952, captioned "Emmanuel Schwartz, Espionage - R." For the information of the Philadelphia Office, David Greenglass previously advised that while he was at Los Alamos in either 1944 or 1945, he and Schwartz had a cup of coffee together in a cafetoria at Los Alamos, at which time Schwartz told Greenglass the size and make-up of the atom bomb. You will note that this information differs to some degree from the information Greenglass now professes to have just remombered. You should reinterview Greenglass in detail for all information he can recall concerning his relationship with Manuel Schwartz.

The New York Office should interview Ruth Greenglass for information concerning Manuel Schwartz, it being noted that Greenglass states his wife knew Schwartz. New York Office should also endeavor to determine the extent of Schwartz's testimony before the Federal Grand Jury in New York, it being noted that the New York Office, by teletype of January 23, 1951, reflected that Schwartz was to be subpoensed before a Federal Grand Jury in the Southern District of New York.

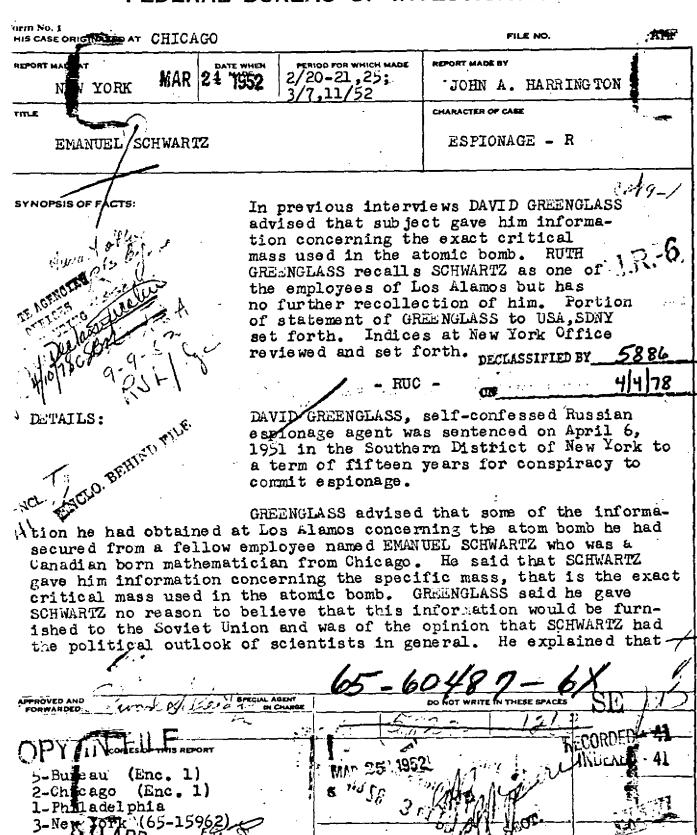
It is noted that the Chicago Office in the report of SA Jeremish J. Hurley, dated August 7, 1950, in the case entitled "Julius Rosenberg, Espionage - R," did set forth information obtained from Manuel Schwartz in an interview had with him on August 6, 1950. A signed statement was obtained in which Schwartz admitted that he might have told Greenglass of information concerning the atom bomb but that he had no definite recollection of having done so. In view of Greenglass! recent statement that Schwartz had the same sympathies as himself, the Chicago Office should reinterview Sommartz on this point and other phases of this matter. effort should be made through the interview to determine Schwartz's present sympathies and activities, particularly in view of the fact that he reportedly joined the International Workers Order in 1947 Nd 85 Z 2293

The Chicago Office should regard itself as office The New York and Philadelphia Offices should of origin. both submit reports. (65-58236-327, 1091,/886 p. 37, £65, 680)

- New York "Philadelphia

RJL: rmounder

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by this he means that scientists in general are of the opinion that the retything should be planned. He said, however, that there was no indication that SCHWARTZ was a Communist and that he had obtained this information from SCHWARTZ because SCHWARTZ apparently felt that GREENGLASS was entitled to the information, having been cleared to work on the atomic bomb project and that it was a general practice among the employees there to discuss their work freely with fellow employees.

at Los Alamos in 1944 or 1945 and that while they were having a cup of coffee together in a cafeteria at Los Alamos, SCHWARTZ told GREENGLASS the size and makeup of the atomic bomb. Later DAVID GREENGLASS advised the writer, he told JULIUS ROSENBERG, convicted espionage agent, that subject was a mathematical physicist who had been an instructor at the University of Chicago prior to being employed on the atomic bomb project at Los Alamos.

At the time that SCHWARTZ left Los Alemos, he gave GREENGLASS his telephone number and suggested that GREENGLASS call him if he was ever in Chicago. GREENGLASS advised that upon his discharge from the army he returned homevia Chicago. He stated he stopped off in Chicago while enroute to New York City and called the number that SCHWARTZ had given him. He stated that Mrs. SCHWARTZ answered the telephone and told him that subject was then working at the University of Chicago. GREENGLASS advised that he has not seen or heard from SCHWARTZ since that time.

GREENGLASS further advised that he had also told JULIUS ROSENBERG that one THOMAS FINEBERG, who had been employed at the Los Alamos atomic bomb project, had been a student at the University of Chicago at the time he was drafted into the army. FINEBERG told GREENGLASS that he intended to return to the University to continue his studies upon his discharge from the army. GREENGLASS advised that ROSENBERG told him that if he were to enroll at the University of Chicago he would be able to continue his friendship with both FINEBERG and SCHWARTZ and that perhaps through that friendship would be able to obtain additional information concerning new developments in the field of nuclear physics.

GREENGLASS also advised that he had given SCHWARTZ nem and possible espionage recruit to both HARRY GOLD, selfadmitted espionage agent and JULIUS ROSENBERG .-

On August 31, 1950 the writer interviewed DAVID GREENGLASS at New York City Prison and exhibited to him a notebook which had been found in GREENGLASS' house on June 15, 1950 and which was taken pursuant to a written waiver of search. One of the names listed therein was EMANUEL SCHWARTZ. GREENGLASS at that time stated that SCHWARTZ had been a civilian mathematician employed at Los Alamos and he believes that he had given SCHWARTZ' name to HARRY GOLD as a possible recruit.

GREENGLASS was interviewed by MYLES J. LANE on August 4, 1950, at that time Chief Assistant to the United States Attorney, Southern District of New York. This interview was reduced to a question and answer form and the following are the questions that are pertinent to subject:

Que stion:

The size of the bomb itself?

An swer:

You mean the whole bomb or just the

Question:

Both

Answer:

The whole bomb I was lead to understand was quite large - a B-29 had to be refitted to put the bomb in and the exploding material

was only about the size of a baseball.

Question:

Who told you?

Answer:

One of the scientists: Dr. Emanuel Schwartz. I guess he is a doctor.

Question:

At various times you worked with the various scientists in making apparatus for the conducting of the experiments?

Answer

Yes.

Qui stion:

They would come in with sketches to you and you would discuss it with them and discuss the various component parts of the bomb at various times?

Yes.

Question:

And among these individuals was a Dr. Schwartz?

Answer:

Yes.

Question:

Mr. Davidson?

Answer:

I don't think I ever - - he ever came out to have anything made, but Schwartz did, but Dr. Rudolf and Dr. Livshitz and another guy.

a Russian

from Los Angeles.

Question:

Did you discuss the making up of the bomb with

Schwartz?

Answer:

Yes.

Question:

When was that, do you recall?

Answer:

I think it was over a cup of coffee in a

cafeteria.

Question:

When?

Answer:

1945 - 1946 - 1945.

On June 15, 1950 a foot locker belonging to 77 DAVID SREENGLASS was secured from his residence pursuant to a waiver of search. This foot locker contained a great number of letters written by DAVID GREENGLASS to his wife RUTH and by RUTH to DAVID.

A letter dated September 8, 1945 from DAVID to RUTH/states in part: "I met two very interesting people whom T have not spoken to until now. You see I am writing from the library and today HY and I just made a date to go to see these folks. I believe this couple is on the ball in our way of thinking."

GREENGLASS stated that the two very interesti people he referred to in the letter were EMANUED SCHWARTZ and his wife, LTHEL SCHWARTZ and HY ADLER; of 647 Fail Street Branx, New York. GREENGLASS described ADLER as a Communist in thought.

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RUTH GREENGLASS was interviewed by the writer and she advised that she recalls EMANUEL SCHWARTZ as being a civilian employee at Los Alamos.

She stated that she met him on one occasion at Los Alamos. She recalled that DAVID described him as the "absent-minded professor". She stated that she never visited him at his house nor did he or his wife ETHEL ever visit her home. She stated DAVID mentioned him occasionally but never advised her SCHWARTZ had advised DAVID about the dimensions or any other descriptive data of the atomic bomb.

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CHARACTER OF CASE

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SYNOPSIS OF FACTS:

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In provious interviews DAVID GREENGLASS advised that subject gave him information concerning the exact critical muse used in the atomic bomb. RUTH ORE NGLASS recalls SCHLARTZ as one of the employees of Los Alamos but has no further recollection of him. Portion of statement of GREENGLASS to USA, SUNY set forth. Indices at New York Office reviewed and set forth DECHASSIFIED BY 588

- RUO

4/4/78

DETAILS:

DAVID GREENGLASS, self-confessed Russian espionage agent was sentenced on April 6, 1951 in the Southern District of New York to a term of fifteen years for conspiracy to commit espionage.

CREENGLASS advised that some of the information he had obtained at Los Alamos concerning the atom bomb he had secured from a fellow employee named EMANUEL ECHWARTZ who was a canadian born mathematician from Chicago. He said that ECHWARTZ have him information concerning the specific mass, that is the exact critical mass used in the atomic bomb. CREENGLASS said he gave SCHWARTZ no reason to believe that this information would be furnished to the Doviet Union and was of the opinion that SCHWARTZ had the political outlook of scientists in general. He explained that

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JULIUS ROFERBERG that one THOMAS FINEBERG, who had been employed at the Los Alamos atomic bomb project, had been a student at the University of Chicago at the time he was drafted into the army. FineBerg told Greenglass that he intended to return to the University to continue his studies upon his discharge from the army. Greenglass advised that ROSENBERG told him that if he were to enroll at the University of Chicago he would be able to continue his friendship with both FIMEBERG and SCHWARTZ and that porhaps through that friendship would be able to obtain additional information concerning new developments in field of nuclear physics.

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name as a possible espionage recruit to both HARRY GOLD, selfadmitted espionage agent and JULIUS ROSENBERG.

GREENGLASS at New York City Prison and exhibited to him a notebook which had been found in GREENGLASS house on June 15, 1950 and which was taken pursuant to a written waiver of search. One of the names listed therein was EMARUEL SCHERTZ. GREENGLASS at that time stated that SCHWARTZ had been a civilian mathematician employed at Los Alamos and he believes that he had given SCHWARTZ name to HARRY GOLD as a possible recruit.

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Answer: 1945 - 1946 - 1945

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other descriptive data of the atomic bomb.

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DE - NOTE -

RETAILS:

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that everything should be planned. So said, however, that there was no indication that SCHWARTZ was a Communist and that he had obtained this information from ECHWARTZ because ECHWARTZ apparently felt that GRENGLASS was entitled to the information, having been oldered to work on the storic bomb project and that it was a general practice among the exployees there to discuss their work frosly with fellow employees.

at Los Alacos in 19th or 19th and that he mot EFATUEL COWARTZ at Los Alacos in 19th or 19th and that while they were having a cup of coffee together in a cafeteria at Los Alacos, SCHARTZ told GREENGLASS the size and makeup of the atomic bomb. Later DAVID GREENGLASS advised the writer, he told JULIUS ROLLABERRO, convicted espionage agent, that subject was a mathematical physicist who had been an instructor at the University of thickgo prior to being employed on the atomic bomb project at the calculations.

CRIENCLIST his telephone number and suggested that GREEGLASS call him if he was ever in Chicago. GREEGLASS advised that upon his discharge from the army he returned homevia Chicago. He stated he stopped off in Chicago while enroute to New York City and called the number that ECHNARTZ had given him. He stated that Mrs. SCHWARTZ answered the telephone and told him that subject was then working at the University of Chicago. GREEJJAASS advised that he has not seen or heard from ECHWARTZ since that time.

JULIUS RUSHEELED that one TOTAS THEBUTG, who had been employed at the Los Alamos atomic bomb project, had been a student at the University of Chicago at the time he was drafted into the arg. Pineses told GRARELASS that he intended to return to the University to continue his studies upon his discharge from the Erry. GRALEGIASS advised that BOSANEERS told him that if he were to enroll at the University of Chicago he would be able to and that perhaps through that friendship would be able to and that perhaps through that friendship would be able to the field of nuclear physics.

none as a possible aspionage recruit to both HARRY GCLD, selfadditted espionage agent and JULICE ROSHNERG.

ORIGHILATE at May York City Prison and exhibited to him a notebook which had been found in GREENLASS! house on June 15, 1950 and which was taken pursuant to a written wriver of search. Une of the names listed therein was ELASUEL CCELARIZ. ORIENULA'S at that time stated that SCHWARTZ had been a civilian mathematician exployed at Lor Alamos and he believes that be had given SCHWARTZ! name to EARRY GOLD as a possible recruit.

GRENGLASS was interviewed by KILES J. LAME on August 4, 1950, at that time thief Assistant to the United States Attorney, Southern District of New York. This interview was reduced to a question and ensure form and the following are the questions that are pertinent to subjects

Question; The size of the bomb itselff

answers . You mean the whole bomb or just the

Spestion: Both

Answert The whole bomb I was lead to understand was quite large - a 5-29 had to be refitted to put the bomb in and the exploding material was only about the size of a baseball,

Question: who told you?

Answer: One of the selentists: Dr. Emeruel Cohverts.
I guess he is a doctor.

Question: At various times you worked with the various scientists in making apparatus for the conducting of the experiments?

They would come in with aketches to you mid a you would discuss it with them and discuss the various various component parts of the bomb at various times?

, E. J

~},

Yes.

Question:

And among those individuals was a Dr. Schwartet

ADSWOFT

You.

Questions

Mr. Pavidson!

ANSWEYE

I don't think I wyor he over came out to have anything made, but schwarts did, but br. hudolf and Dr. Livehitz and another guy, a Russian from Los Angeles:

Que stion:

Lid you discuss the making up of the bomb with

ADEMOTI

Yan.

Cuestion:

then was that, do you recally

AD SWOTE

I think it was over a cup of coffee in a cafeteria.

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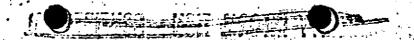
Answer!

1945 - 1946 - 1945.**

On June 15, 1950 a foot locker belonging to DAVID ON EGGLATS was secured from his residence pursuant to a waiver of search. This foot locker contained a great number of letters written by DAVID BREAKCLASS to his wife aUTH end by RUTH to DAVID.

to NUE states in part: "I met two very interesting people whom I have not spoken to until now. lou see I am writing from the library and today HY and I just made a date to go to see those folks. I believe this couple is on the ball in our couple of thinking."

people he referred to in the letter were EMANUEL SCHWARTZ and he wife, ETHEL SCHWARTZ and HY AILER, of 647 Fell Street, Browniew York. CRESCLASS described ALTER as a Communist in thought.



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HUTH CHE HOLAIS was interviewed by the writer and the Huyled that the recalls EXABURD SCHWARTS as being a civilian employee at Los Alemos.

Alaros. The stated that she set him on one occasion at Los Alaros. The recalled that DAVID coerrised him as the "absent-minded professor". She stated that she never visited him at his house nor did he or him wife ETHAL ever visit her home. The stated DAVID sentioned him occasionally but never advised her CCRWARTZ had advised DAVID about the dimensions or any other descriptive data of the stonic bomb.

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that everything should be planned. We set d, however, that there was no indication that FCEVARTZ was a Communist and that he had potained this information from FCEVARTZ because FCEVARTZ apparently felt that DREEKGLASS was entitled to the information, having been cleared to work on the atomic bosh project and that it was a general practice among the exployers there to discuss their work freely with fellow employers.

at los alemos in 1944 or 1945 and that we mat EMATURE ICHWARTS at los alemos in 1944 or 1945 and that while they were having a cup of coffee together in a caleteris at los alemos, 1000/ARTZ told Childrens the size and makeup of the atomic vomb. Later DAVID GRANGELAN advised the writer, he told JULIUS BULKELERU, convicted espionage agent, that subject was a mathematical physicist who had been an instructor at the University of this age prior to being employed on the atomic bomb project at los alemos.

GRETTULET his time that FC WARTZ left hos Alamos, he gave GRETTULET his telephone number and supported that GRETTULES advised that said him if he was ever in Chicago. GRETTULES advised that upon his discharge from the army he returned homevia Chicago. He stated he stopped off in Chicago while enroute to hem look tity and called the number that FCMWARTZ had given him. He stated that Mrs. ICHWARTZ answord the telephone and told him that subject was then morking at the University of Chicago. GRETTULES advised that he has not seen or heard from ICHWARTZ also that the discount heard from ICHWARTZ also that the that size.

Character further advised that he had also told JULIUS RESERVAND that one TICKE TARRAND, who had been employed at the los alamos atomic bomb project, had been a student at the University of Chicago at the time he was drafted into the army. Proceeds told Carrelland that he intended to return to the University to continue his studies mean his discharge from the army. Character advised that Rothbark told him that if he were to enroll at the University of Chicago he would be ablested that perhaps through that friendship would be able to a that perhaps through that friendship would be able to a that perhaps through that friendship would be able to a that perhaps through that friendship would be able to a the field of nuclear physics.

65-15962

CRELHOLLE: elso soviese that he had given SCHWARTZ name as a possible espionage recruit to both HARRY COLD, self-admitted copionage agent and JULIUS RISKNERG.

On August 31, 1950 the writer interviewed DAVID ORESHULASS at New York City Frison and exhibited to him a notebook which had been found in CRESCLASS house on June 15, 1950 and which was taken pursuant to a written weiver of search, wine of the names listed therein was ERASULL SCHARIZ. ORSERULASS at that time stated that SCHWARIZ had been a civilian mathematician employed at Los Alamos and be believes that he had given TCHWARIZ! name to EARRY GOLD as a possible recruit.

GRENGEATS was interviewed by NTLEE J. LAKE on August 1, 1950, at that time thief assistant to the United States Attorney, Southern District of New York. This interview was reduced to a question and ensur form and the following are the questions that are pertinent to subject the presentations that are pertinent to subject the presentations.

Gue stion!

The size of the bomb itself!

ADSWOTE

You mean the whole tomb or just the

Question!

EACH

Answeri

The whole bomb I was lead to understand was quite large - a 1-29 had to be refitted to put the bomb in and the exploding material was only about the size of a baseball.

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Questions

who told you?

ADSWETT

Une of the telentists; ir. Kmannel fehwarts.

Guestions

At various times you worked with the various scientists in making apparatus for the conducting of the experiments?

Andwars.

You.

stions

they would come in with sketches to you and you would discuss it with them and discuss the various component parts of the bomb at various time?

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AND THE PARTY OF

Yez.

Guestions

And among these individuals was a br. lobusrta?

Bank at a some a land

Anamort

Yes.

Guestions

Hr. Davidson?

A ABAWA PAGE

I don't think I over - he ever came out to have anything made, but Econarth did, but br. Rudolf and Dr. Livabite and another guy, a Russian from Los Angeles.

Question:

id you discuss the making up of the bomb with

and the control of the same

Answar!

Yes.

Cuestions

When was that, do you recall?

ADSWET!

I think it was over a cap of coffee in a

Question!

Thank

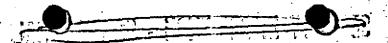
Answers

1945 - 1946 - 1945.

On Sime 15, 1950 a foot locker belonging to DAVID GRIEBULATE was secured from his residence pursuant to a weiver of search. This foot locker contained a great number of letters written by DAVID CREARCLASS to his wife 2078 end by ROZE to EAVID.

to RUZ: states in part: "I met two very interesting people whom I have not spoken to until now. low see I am writing from the library and today EY and I just made a date to go to see those folks. I believe this couple is on the ball in our manufactors."

GRACHCLASE stated that the two very interests people he referred to in the letter were apartle schwarz as his wife, attel schwarz and by alles, of 647 Fail Street, Processon York, CRIDSCLASE described Alles as a Communist in thought,



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she Edviced that she recalle EXAMENT ECHERTE as being a civilian employee at Los Alesos.

Alamos, the recalled that she set him on one occasion at los alamos, the recalled that DayID described him as the sensent-winded professors. - The stated that she mover visited him at his house nor did he or his wife ETASL over visit for home. The stated Lavis meanionally but never advised her ECAMARTE had advised Lavis about the disensions or any other descriptive data of the atomic bomb.

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FEDERAL BUREAU OF INVESTIGATION

SECURITY INFORMATION -Form No. 1 RIGINATED AT CHICAGO

DATE WHEN MADE PERIOD FOR WHICH MADE REPORT MADE BY PHIL DELPHIA 4/4/52 2/19;4/2/52 W. JAMES WOOD CHARACTER OF CARE

MANUEL SCHWARTZ, wa. Emmanuel Schwartz

ESPIONAGE - R

SYNOPSIS OF FACTS:

ATTROUBLATE AGENCIES AMB FIRED CITICAS Adviend by hour in

DAVID GREENGLASS, serving 15 year sentence for conspiracy to commit espionage, advises that he was acquainted with subject while both were employed at Los Alamos, N. M. He stated that on one occasion SCHWARTZ, while sitting at his desk, wrote critical mass of plutonium on a piece of paper and showed it to GREENGLASS. GREENGLASS states he does not believe subject was aware of his espionage activities. SCHWARTZ described himself as a "Marxist".

RUC

DETAILS:

At Lewisburg, Pa. Reviewed 5886 4/4/78

DAVID GREENGLASS, who is presently serving a 15 year sentence for conspiracy to commit espionage, was interviewed at the U. S. Penitentiary, on February 19, 1952. He advised that he had remembered some information which he did not believe he had previously furnished. He said that while he was stationed at Los Alamos, N. M., he had become acquainted with one EMPANUEL SCHWARTZ, who was a Mathematician in the Physics Bepartment.

100 18A 2-2-52 12ge

He was unable to recall the exact period

FORWARDED: This consideration report and its contrappersulation of the FRI 3 and 1852 to distributed icago (65-3692) <u> Yor</u>k (Info.)(65-15962)

SECURITY INFORMATION

65-4679

If their acquaintance, but said that it was probably in about 1945 when they became acquainted, and that SCHWARTZ left Los Alamos prior to the time he, GREENGLASS, left. He said that he had eaten dinner at SCHWARTZ's home on at least three or four occasions.

GREENGLASS stated that SCHWARTZ was a Canadian citizen who had been brought up in Toronto, and that his family still resided in Canada. It was GREENGLASS' recollection that SCHWARTZ had told him that he had done graduate work and student teaching at the University of Chicago, and had taken a job at Los Alamos because he had been told to get into war work or face deportation to Canada.

GREENGLASS said that at some time during the period of their acquaintance he had been talking to SCHWARTZ at the latter's desk and SCHWARTZ wrote some figures on a pice of paper and told GREENGLASS to look at the paper. GREENGLASS stated that on the paper had been written the critical mass of plutonium; that he memorized it and does not know what SCHWARTZ did with the paper.

GREENGLASS stated that he had no information to indicate that SCHWARTZ had ever been a member of the Communist Party, but that SCHWARTZ had described himself to GREENGLASS as a "Marxist" and from their discussions GREENGLASS knew SCHWARTZ to be in sympathy with the Communist form of government.

GREENGLASS said that he cannot recall that SCHWARTZ ever furnished him any information of value in addition to the above. He said that he cannot specifically recall furnishing information received as indicated above to JULIUS ROSENBERG, but because of the value of it, undoubtedly did so.

GREENGLASS stated that he has no reason to believe that SCHWARTZ knew that GREENGLASS was interested in securing information for purposes of espionage, and that as far as was known to CCHWARTZ, the questions asked by GREENGLASS concerning SCHWARTZ' work were asked to satisfy GREENGLASS' personal curiosity.

GREENGLASS stated that when he was passing through Chicago in 1946 he had attempted to contact SCH.ART

P 65-4679

was then living there and working at the University of Chicago. He could not recall whether he had gotten SCHWARTZ on the phone or not, but stated he has had no contact with SCHWARTZ since that time.

GREENGLASS stated that he knew of no reason why SCHWARTZ should have made an effort to furnish him the critical mass of plutonium, and reiterated that he never told SCHWARTZ or anyone else of his espionage activities. He also stated that he never had any reason to believe that SCHWARTZ may have been active in espionage.

GREENGLASS was reinterviewed on April 2, 1952. He stated that he had originally furnished information concerning SCHWARTZ to the FBI in about 1950, and that at that time some of the details of his contacts with SCHWARTZ had been vague. He stated that when he was first furnished information concerning the critical mass of plutonium by SCHWARTZ he is certain that this information was furnished by SCHWARTZ at the latter's desk, as described above, and not over a cup of coffee in the cafeteria. He said that they may have again discussed this matter later over a cup of coffee, but he cannot now recall whether this was so.

GREENGLASS stated that he is unable to furnish any information concerning SCHWARTZ which has not been previously furnished by him.

When interviewed on February 19, 1952, he furnished the following description of SCHWARTZ:

1/4's EMMANUEL SCHWARTZ

Age --- 30 (In 1944)

Height 519"

Weight 140 pounds
Eves Dark

Hair Black, possibly with some gray, curly, and

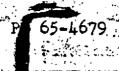
parted on one side.

Facers Thin Complexion Sallow

Name

Nose Long SchwAR72
Merital status Married, wife ETHEL American citizen,

one child.



ADMINISTRATIVE PAGE

GREENGLASS was advised of the information which he had previously furnished the New York Office in 1950. He stated that at this time his recollection of his acquaintance and contacts with SCHWARTZ is even more hazy than it was in 1950, and that the information furnished by him in 1950 was probably accurate with the exception of the circumstances under which SCHWARTZ furnished the critical mass of plutonium to him. He stated he is now positive that the circumstances were as set forth in this report.

REFERENCE:

Bureau letter to Chicago dated 2/26/52.

FEDERAL BUREAU OF INVESTIGATION

SECURITY INFORMATION - CA 4/4/52 2/19:4/2/52 W. JANES WOOD ELPHIA 20057# ** F MARUEL SCHEARTL, wa. Emmanuel Schwartz Espichage - R DAVID CREENGLASS, serving 15 year SYNOPSIS OF FACTS: sentence for conspiracy to commit espionage, advises that he was --acquainted with subject while both were employed at Los Alamos, N. H. He stated that on one occasion SCHWARTZ, while sitting at his desk, wrote critical mass of plutonium on a piece of paper and showed it to GREENGLA: S. GREENGLASS states he does not believe subject was aware of his espionage activities. SCHWARTZ and field offices of described himself as a "Marxist" advised by routing SLIP (S) OF declas Reviewed 4/4/78. At Lewisburg. Pa. DAVID GREEKG ASS, who is presently serving a 15 year scatence for conspiracy to commit espionage, was interviewed at the U. S. Penitentiary, on February 19, 1952. He adbelieve he had previously furnished. He said that while he was stationed at Los Alamos, N. M., he had become acquainted with one EMARUEL SCHEARTZ, who was a Mathematician in the Physics Depart-He was unable to recall the exact period APPROVED AND This confidential report and its contents are loaned to you by the - (Licago (65-3692) FBI and are not to be distributed 1 - New York (Info.)(65-15962) 2 - Philadelphia (65-4679) outside of agency to which loaned. 1.25 By Alexander

SECURITY INFORMATION - CUMPATER

BAC, Chicago (65-3692)

Director, FBI (65-60487)

Mahuel Schhartz, va Espiohadr - R

Your attention is directed to the Chicago memorandum of March 4, 1952, which set forth that the Chicago Office would hold in abeyance the interview of Schwartz until reports were submitted by the New York and Philadelphia Offices.

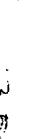
The Philadelphia Office submitted their report dated April 4, 1952. The New York Office should immediately submit their report in this case. The Chicago Office should expedite their handling of this case in order that it may be brought to a rapid conclusion following the receipt of the New York report.

cc: 2 - New York

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June 5, 1952



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EMANUEL SCHWARTZ, ESP - R. REBUFILE SIXTYFIVE DASH SIX ZERO FOUR IIGHT SEVEN. REBULET JUNE FIVE LAST. REPORT OF SA JOHN A. HARRINGTON DATED MARCH TWENTYFOURTH LAST HAS BEEN SUBMITTED TO BUREAU AND CHICAGO.

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Mr. Telana

ETAMBAND PORM NO. 64

Office Memorandum • united states government

TO :

DIRECTOR, FBI (65-60487)

SAC, CHICAGO (65-3692)

DATE: July 2, 1912 REGISTERED MAIL AIR MAIL

SUBJECT:

MANUEL SCHWARTZ, wa., Emmanuel Schwartz ESPIONAGE - R

Re Philadelphia teletype dated February 19, 1952 entitled "EMMANUEL SCHWARTZ, ESPIONAGE - R."

Referenced teletype advised that DAVID GREENGIASS advised that at one time, on a date not recalled, GREENGLASS stopped at SCHWARTZ-S desk at Los Alamos, New Mexico and that while talking SCHWARTZ wrote the amount of plutonium necessary for the critical mass on a piece of paper and showed it to GREENGIASS.

The Chicago Office by New York teletype captioned, "JULIU: ROSENBERG, ESPIONAGE - R", dated August 5, 1950, was furn with information obtained from an interview of DAVID GREE GLASS concerning his association with MANUEL SCHWARTZ at Los Alamos, New Mexico. GREENGLASS reported that SCHWART. in a discussion which took place in 1944 or 1945 over a confiction of a cafeteria at Los Alamos, told GREENGLASS how big the atom bomb was and what the make-up of the bomb was.

The Chicago Office was advised by referenced New York teltype that MILES J. LANE, Chief Assistant, United States Attorney, Southern District of New York, desired that SCHWARTZ be located and interviewed relative to his dicussion with GREENGLASS inasmuch as LANE contemplated sub poenaing SCHWARTZ before the Grand Jury, Southern District of New York, the week of August 7, 1950, which Grand Jury was hearing testimony relative to ROSENBERG'S espion activities. RECORDED: 123

MANUEL SCHWARTZ was located and interviewed on August 6, 1950 at his residence at 1026 East Hyde Park Boulevard, Chicago, Illinois. At the time of this interview SCHWART was questioned concerning all phases of his association with GREENGLASS. The results of this interview of thwar and the signed statement obtained from him were set forth in the report of SA JEREMIAH J. HURLEY, dated 8-7-50 at Chicago, Ill., captioned, "JULIUS HOSENBERG - ESPIONACE The New York Office was the office of origin in this matt and was furnished with copies of this report. In the sign statement is set forth the extent of SCHWARTZ'S knowledge of the atomic bomb which included: Critical mass of the atomic bomb which included: Critical mass of the atomic pat; velocities of the slow aves from the atom

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bomb; size of the atom bomb; detonating device of the atom bomb, which SCHWARTZ comprehended vaguely; the inside make-up of the atom bomb; and the slow and fast explosives used in the atom bomb.

As reflected in the signed statement, SCHWARTZ was specifically questioned relative to the furnishing of information in his possession pertaining to the atom bomb to GREENGLASS, and he stated that he had no specific recollection of telling GREENGLASS of any information in his possession pertaining to the atom bomb. At the time of this interview in August 1950 SCHWARTZ stated that many of the details of the happenings in Los Alamos were vague to him because of the period of time that had elapsed since then.

It is to be noted that in referenced teletype from Philadelphia GREENGLASS advised that he never discussed the Communist Party with SCHWARTZ although SCHWARTZ had the same Soviet sympathies as GREENGLASS and discussed these with him. It is also to be noted that GREENGLASS also advised that he never told SCHWARTZ or anyone else of his espionage connections.

Reference is made to the report of SA JOHN A. HARRINGTON on the captioned subject dated March 24, 1952 at New York, New York. Referenced report contains the transcript of a portion of a statement given by DAVID GREENGLASS on April 4, 1950 to MILES J. LANE, Chief Assistant to the United States Attorney, Southern District of New York. Referenced report, including the portion of GREENGLASS! statement, reflects that GREENGLASS, at that time, stated that SCHWARTZ gave him information concerning the specific mass, i.e., the exact mass used in the atom bomb. GREENGLASS also said that he had given SCHWARTZ no reason to believe that this information would be furnished to the Soviet Union. He also stated that there was no indication that SCHWARTZ was a Communist, and he had obtained this information from SCHWARTZ because SCHWARTZ apparently felt that, he, GREENGLASS, was entitled to the information having been cleared to work on the atom bomb project and that it was a general practice among the employees there to discuss their work frecly with fillow employees. At this time GREENGLASS made no. allegation against SCHWARTZ which would impugn his motives with reference to any disclosures which he may have made to GREEN LASS during conversations they had at Los Alamos.

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Referenced report of SA HARRINGTON also sets forth in question and answer form, the testimony of SCHWARTZ as a witness before the Grand Jury for the Southern District of New York on January 31, 1951. An examination of this testimony reflects no inconsistencies in SCHWARTZ'S testimony with information furnished by him in the interview of August 6, 1950. It is to be noted that SCHWARTZ was very vague as to the details of happenings and conversations which took place at Los Alamos and in this connection he stated ".....after all these years, I can't put my finger on what I did say or what I didn't say."

Reference is made to the report of SA W. JAMES WOOD on the captioned subject dated April 4, 1952 at Philadelphia, Pennsylvania. This report sets forth the result of an interview had with DAVID GREEN-GLASS on February 19, 1952 during which he advised that he had remembered some information which he did not believe he had previously furnished. During this interview he related information concerning his association with subject SCHWARTZ which he had already furnished on previous occasions in 1950. This information and the information furnished by him when later re-interviewed on April 2, 1952 does not appear to differ in any respect except that he, GREENGLASS, now believes that the information concerning the critical mass of plutonium was furnished by SCHWARTZ at the latter's desk and not over a cup of coffee in the cafeteria as reported by him in 1950. GREENGLASS stated that his recollection of his acquaintance and contacts with SCHWARTZ is even more hazy now (1952) than it was in 1950, and that the information furnished by him in 1950 was probably accurate with the exception of the circumstances under which SCHWARTZ furnished the critical mass of plutonium to him and that he is now positive that it was at SCHWARTZ'S desk.

It is noted that GREENGLASS in this most recent interview stated that he has no reason to believe that SCHWARTZ knew that GREENGLASS was interested in securing information for espionage and that as far as was known to SCHWARTZ, the questions asked by GREENGLASS concerning SCHWARTZ'S work were asked to satisfy GREENGLASS personal curiosity.

Attention is directed to the fact that in the interview of SOWARTZ in lugust 1950 the question of his furnishing GREENGLASS with information in his possession pertaining to the atom bomb, including

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the critical mass, was discussed and he was unable to recall ever having given GREENGLASS such information.

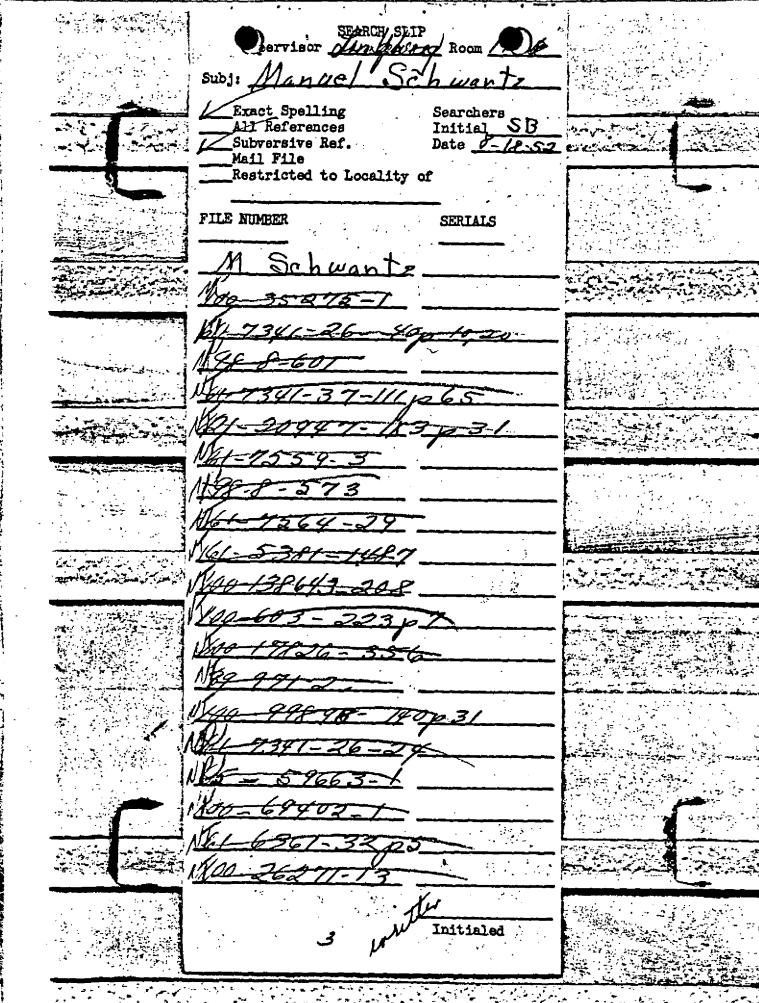
In view of the subject matter covered in the interview of SCHWARTZ in 1950, his testimony before the grand jury in 1951, and in view of the further fact that there is no allegation of Communist Party membership on the part of SCHWARTZ or knowledge on his part of the espionage activities of GREENGLASS, it is not believed that another interview of SCHWARTZ would be productive and unless advised to the contrary by the Bureau, such an interview will not be had.

No active investigation of SCHWARTZ is contemplated and the Chicago Office will in the future prepare a closing report bringing this matter up to date.

SCHWARTZ'S present employment and residence will also be verified we and set forth in this report.

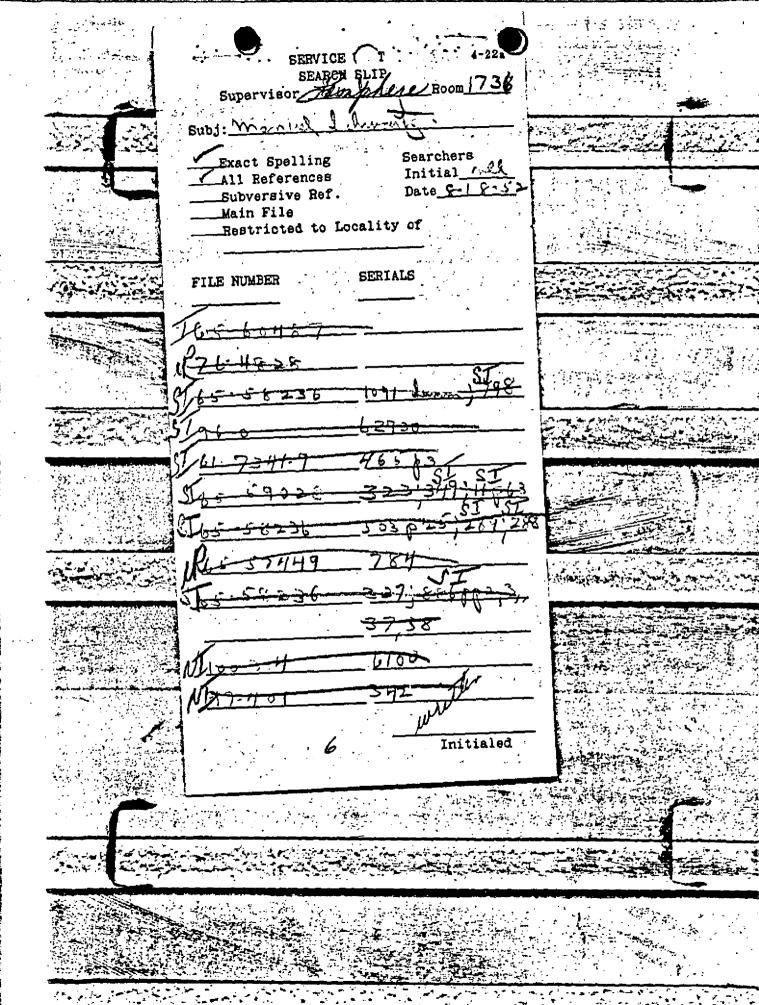
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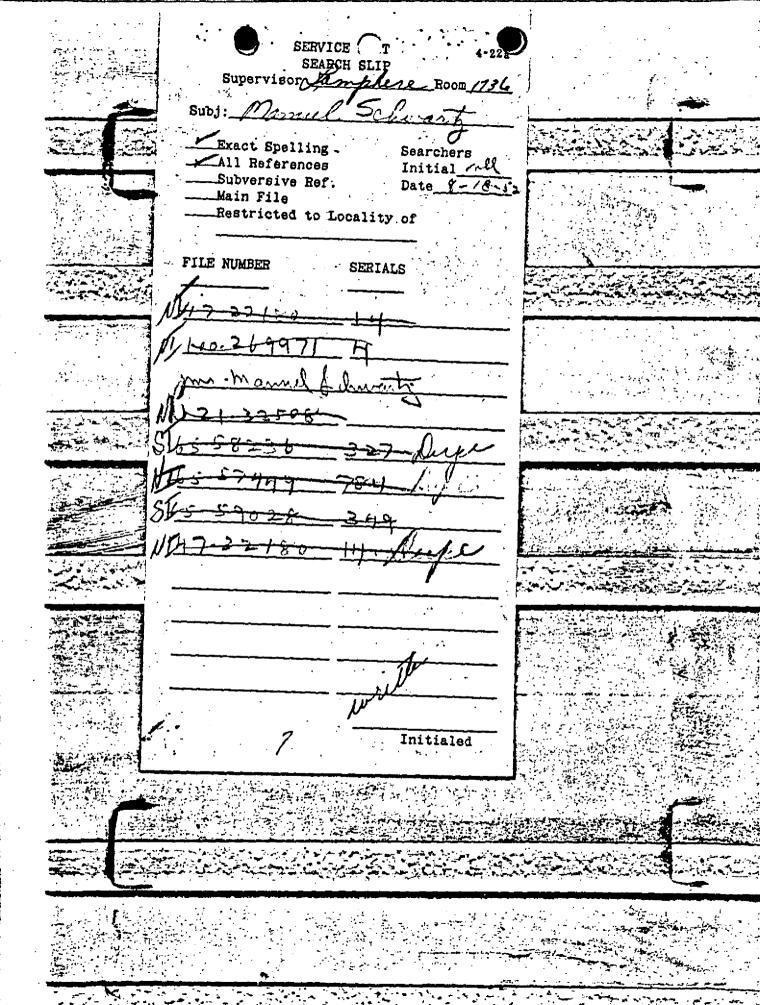
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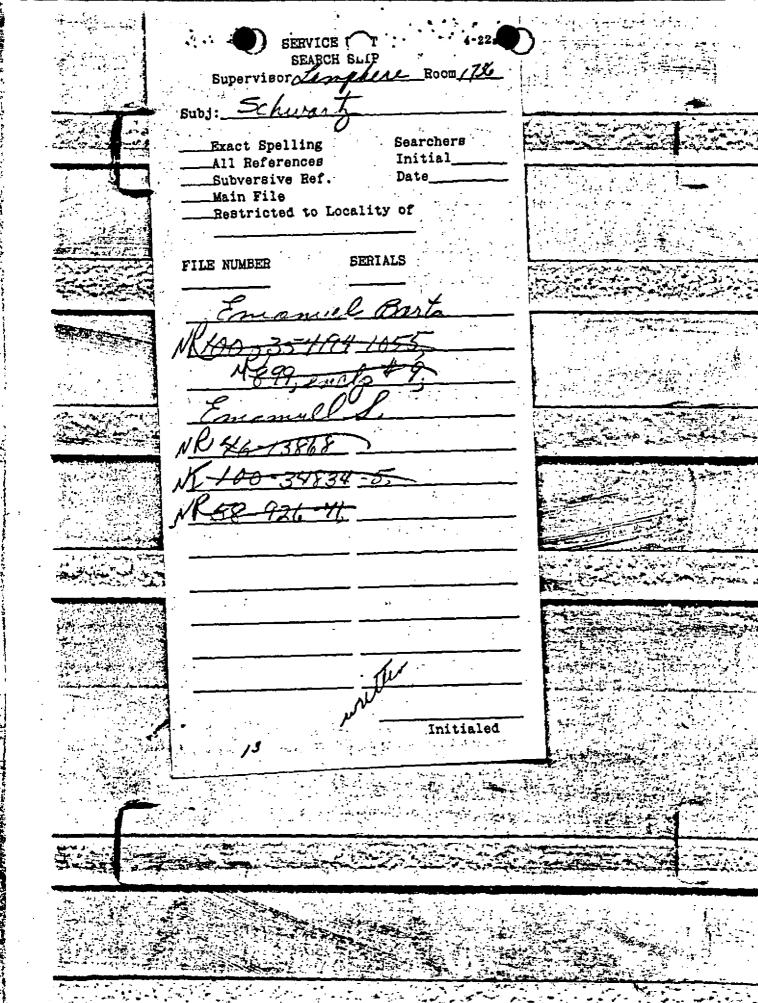
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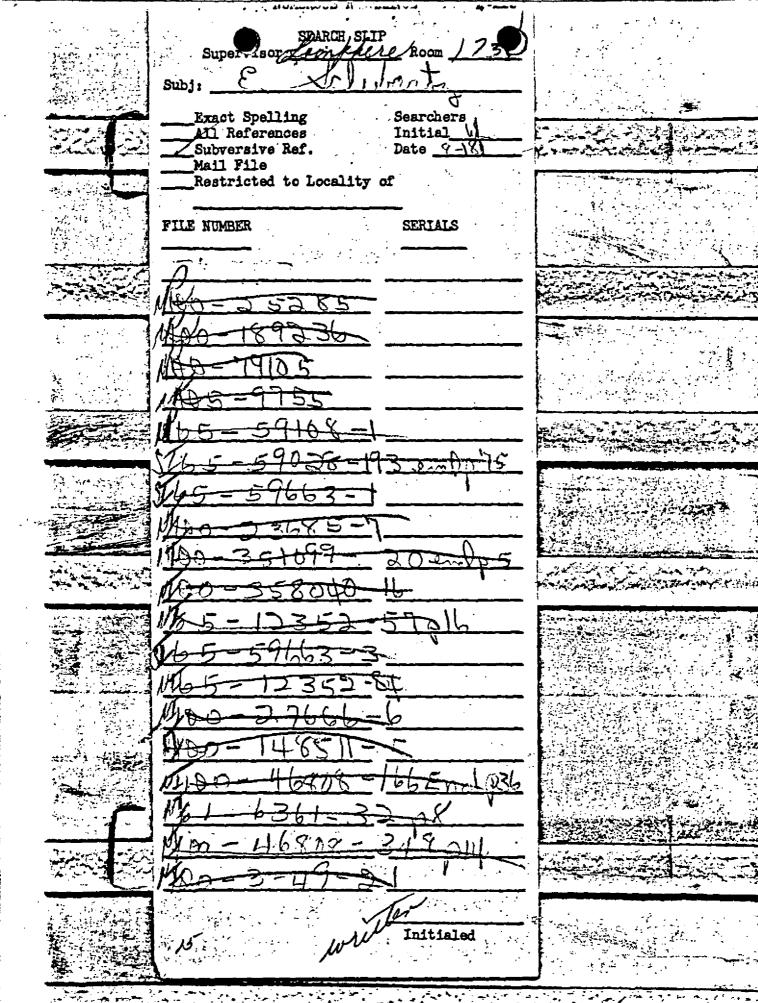
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Office Memoundum • United stoes government

TO R. W. A. BRANIGAN

DATE: September 10, 1952

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FROM

MR. R. J. LAMPHERE

SUBJECT: MANUEL SCHWARTZ, wa., Emanuel Schwartz ESPIONAGE - R

PURPOSE:

To recommend that the instant case be considered closed. We originally investigated Schwartz in connection with the David Greenglass case as Schwartz had furnished to Greenglass the amount of plutonium necessary for atom bomb. Although Greenglass says Schwartz not aware of his espionage activity, individual investigation Schwartz opened 2-19-52 on basis of additional recollections of Greenglass. Investigation failed to reflect any new disloyal data. Schwartz, in the past, has been interviewed by Agents and appeared before Federal Grand Jury. Dissemination made to AEC and RAB.

DETAILS:

We initially investigated Manuel Schwartz as an outgrowth of our investigation of David Greenglass. Both Greenglass and Schwartz had been employees at Los Alamos. Greenglass had advised that some of the information he had obtained at Los Alamos concerning the atom bomb had been secured from Manuel Schwartz, although Greenglass said he had no reason to believe that Schwartz knew this information would be furnished to the Soviets. Manuel Schwartz was interviewed on August 6, 1950. and a signed statement taken from him, at which time he stated he had no specific recollection of telling Greenglass of any information relative to the atom bomb. We opened an individual investigation on Schwartz on February 19, 1952, on the basis of additional recollections of Greenglass, which included the fact that Greenglass said he had never discussed the Communist Farty with Schwartz, but that Schwartz had the same Soviet sympathies as Greenglass did and the two men discussed them. additional investigation of Schwartz did not develop any additional disloyal data and the Chicago Office, under date of August 5, 1952, submitted a closing report. Schwartz presently resides at 1026 East Hyde Boulevard, Chicago, Illinois, studies at the Illinois Institute of Technology and teaches at Gary College, which is part of Indiana University.

Reports have been disseminated to the Records Administration Branch and to the Atomic Energy Commission. All references appearing in the Bureau's files have been reviewed on Manuel Schwartz without developing any additional disloyal data with respect to him.

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RECOMMENDATION:

In view of the fact that there are no espionage allegations against Manuel Schwartz and the fact that he has been thoroughly interviewed, there would appear to be no purpose in maintaining this case in a pending status and it is, therefore, being closed.