co: Mr. L Mr. Mr. Hennrich

CONFIDENTIAL BY SPECIAL MESSENGER

June 2, 1950 DOE information or page 2 Brachetson Atomic Energy Commission Kashington, D. C. 🐇 Mr. Francis R. Bennack Dot Letter 9-10-81 Lattentions SPT MACJC Acting Director Division of Securit #56,261 John Edgar Hoover, Director, Pederal Bureau of Investigation

DR. THIL JULIUS KLAUS FUCHS

ALL INFORMATION CONTAINED

65-57449

HEREIN IS GNOLASSIFIED EXCEPT

WHERE SHOWN DIRECTION. By letter dated March 2, 1950, you were furnished the nature of the information which Dr. Klaus Fuchs has divulged to his American contact concerning atomic energy.

> By latter dated May 24, 1950, you were informed of the identification of Harry Gold as Fuchs: American contact and of the confession of Herry Gold implicating him with Fuchs in furnishing & Cont energy information to the Russians.

The following additional technical information concerning atomic energy which Fuchs admits making available to the Russians through Gold is set forth as

Pachs admitted that in June, 1945, 1950met Gold in Santa Fe, New Mexico and discussed the detonation plans by implosion. Fuchs has admitted that at the Boston meeting with Gold he gave Gold about mix handwritten pages, including mostly what was known by him concerning implosion. He also gave Gold information regarding the fegte of the high explosive, as to the type for compression, which was considered but not finally decided upon. The difficulty of multiple printer detonation an which problem Fuchs was specifically working was included in this report. Fuchs has admitted furnishing Gold insortation concerning the outer disensions of the high explosive either at the control besting or the one fellowing. Suchs admitted furnishing Gold information at the June, 1745 gooding at Santa Po regarding the size of the stools bomb, and additional information concerning ignition although the ignition method was not jet gettled. He admitted giving cold information about IM calculations, the sithod of calculation and the results of the efficiency of calculations at the estimated range from small percentages

/m/ 4018

Clessified by 3040 PWT/IMW

Declassify on: ONDR 1142

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SECRET

(e)(s)

to 50% elthough such later the Miroshima test was about and Hagasaki Pabout Tuchs also disclosed that the bomb was intended for use against Japan. Pacha admitted passing information concerning the tests at Trinity and his swn information on the initiator and perhaps some data on the pre-assembled sers. Fuchs stated that in the June, 1965 meeting at Fanta Fe, he furnished data concerning the critical size of the bomb which was valuable only if any one desired to know how many bombe sould be made, based on the rate of production.

Fuchs recalls that at some meeting he explained to fold the work of the British Mission assigned to the Manhattan Engineer District in New York, also the physical and personnel setup concerned with gaseous diffusion and in the gellex Company.

Fuchs stated that he gave information to Gold concerning the separation of isotopes and the eventual use of nuclear fission in the form of the weapon during the early New York City contacts with Gold. Fuchs admitted giving information experming his work in the air-tight compartment and information concerning plans for an isotope separation plant in the south.

On May 26, 1950, Puchs summarised the written information which he passed at the various meetings as follows:

Yarious New York Westings

- The approximate 13 MSH documents prepared by Fuche out of a total of approximately 19 of this series empleted before Fuchs departed from Los Alames.
- Information from time to time as received as to the everall and general efforts and activities in econsection with his own work relative to the production of fissionable material and its potential use as an explosive in the war effort.
- 3. General information about membranes and their composition.

We remembered passing the following eral information at the New York meetings.



- l. Information regarding the large plant to be built somewhere in Southeast United States to be used in the production of figuinable material utilizing gaseous diffusion and electro magnetic process.
- 2. Information as to the officers and the identity of leading scientists, as known to him, at the gaseous diffusion research establishment under the Kanhattan Engineer District at New York.

Written Information Passed at Boston Meetings

- Information dealing with the whole problem of making an atomic bomb from fissionable material as Fuchs then knew the problem. Also the agreed upon, as well as the prospective plans in this production as they were then known to him.
- 2. Information as to the principles of the method of detonation of the atomic bomb.
- Some information, as known, concerning the type of sore used in the stonic bomb.
- h. The principles of the lens system, which had not at that time been finally adopted.
- 5. The size of the outer dimension of the highly explosive components.
- 6. The possibility of making a plutonium bomb/
- 7. Wost of the information which was then known regarding implesion.
- 8. The fact that a high explosive as the type of ecopression was being considered.
- 9. The difficulty of multiple point detonation, en which problem he was working.
- 10. The high spontaneous fission of plutonium.





- 11. The comparatively critical mass of platonium as compared with U-235.
- 12. The approximate amount of plutonium necessary for such a bomb.
- 1). The surrent idea as to the need for an initiator.

Fuchs admitted passing the following written information to Gold at the first Santa Po, New Mexico meeting:

- 1. Description of the plutonium bomb, then designed and soon planned for testing at Alamogordo.
- 2. A sketch of the bomb and its components, with the important dimensions shown.
- 3. The type of core.
- 4. A description of the initiator.
- 5. The details as to the temper.

Funds admitted giving the following oral inferration to Gold at the first Santa Fe, New Mexico meeting:

- 1. The names of type of explosives to be used in the
- The fact that the frinity test explosion was to be made soon in July and the approximate site thereof.
- 3. That the Trinity test was expected to establish that the atomic bomb would produce explosion wastly greater than THT, and that a comparison would be made between the atomic explosion and THT.

Puchs admitted giving the following written information to Gold at the second Santa Fe, New Hexico meeting:





- 1. The results of the Trinity test.
- 2. The technical work on the initiator.
- 3. Information regarding the pre-assembled core.
- b. Special technical phases of plutonium.
- 5. Information regarding the use of a special alloy constituent.

Fuchs admitted giving the following classified documents to

Colds

- 1. Report on the Jet Formation in Cylindrical Implosion with 16 Detonation Points. Report # A-216, classified secret, dated Jebruary 6, 1945. This was given to Gold at Boston.
- Formation of Jets in Plane Slabs. /1A-195
 classified secret, dated December 27, 1944.
 This was passed to Gold at Boston.
- Fluctuations and the Efficiency of a Liffusion Plant, Part III, The Effect of Fluctuations in the Flow of K-2 dated June 6, 19th. British File MSN-12. This document was passed to Gold by Fuchs in New York City.
- h. Pluctuations and the Efficiency of a Diffusion Plant, Part IV, The Effect of Density Fluctuations, undeted. British File ESN-15. This was passed to Gold by Fuohs in how York City.
- 5. On the Effect of a Time Lag in the Controller of Plant Stability, undeted. British File #888-3.
 This was passed by Fuchs to Gold in New York City.
- 6. Note on the Effect of Fluctuations on the Efficiency of a Miffusion Plant, undated. British File #MEN-15. This information was passed by Fuchs to Gold in New York City.

SECRET



Effect of Fluctuations on Flant Efficiency, Part II, Fluctuations in the Rate of Production, undated. British File fush-10. This information was passed by Fuchs to Gold in New York City.

The above reports were prepared by Dr. Klaus Fushs.

Fuchs recalls giving excerpts from memory of the following documents to Gold at Boston:

- Jet Fernation in Cylindrical Implosion with 16
 Detonation Points. Report dated February 6, 1950,
 LA-216.
- 2. Formation of Jate in Plane Slabs. Report of La-195 dated December 27, 1966.

The above information is being furnished to the Department of Justice and the Department is being asked to specify what technical information concerning atomic energy will be used in drawing the indictment against Gold and also what technical information will be used later as evidence in the trial of Gold.

As soon as the Department advises what technical information is necessary for a successful prosecution, the matter of clearance of this information for use in the indictment and trial will be discussed with you.





CC: MR. LADD MR. HELMONT MR. HEMNRICH The Attorney Ceneral TOP SECRET Director, PRI 1 40 Care, 40 . . . DR. MIL KLAUS FUCI Classified by ESPICIACE - E Declassify on: OAD morandus from the British Enbassy, Ten enclosing a copy of a memorandum from the British Embassy, Machington, D. C., deted May 2, 1950, which was received by this Bureau es May 3, 1950 from the State Department, wherein the British Enbassy advises that the Majesty's downment has worked out an arrangement by which it will be possible for a member of the Federal Bureau of Investigation to interview Br. Ball Elene Fooks providing certain conditions are fulfilled and an included the conditions are fulfilled. A SASKA 1-12 Active De meeter fito proceed with any interview with Jucks with this restriction imposed. thorough thereion would have to cover atomic energy intelligence to which would be binding on we and is impractional; It would be impossible for this Birecu to comply since we would have to furnish the results of the interview to like Atomic Energy Counteston, other intelligence agencies and, possibly, to the Joint Congressional Countities on Atomic Energy. These agencies would have to know the source of the illigraption and an evaluation of the The restrictions which the British Coverment, has placed on the interview make it impossible for this hirem to discharge lity responsibilities Therefore, it is not believed possible for the Bureau In view of the abou State Department. GERT OF JUSTICE



FEDERAL BUREAU OF INVESTIGATION FOIPA DELETED PAGE INFORMATION SHEET

4	Page(s) withheld entirely at this location in the file. One or more of the following statements, where indicated, explain this deletion.
Œ	Deleted under exemption(s) with no segregable material available for release to you.
	Information pertained only to a third party with no reference to you or the subject of your request.
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d	The following number is to be used for reference regarding these pages: (5-58805 serve) 1271 suclessive

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Office Menorandum UNITED S TES GOVERNMENT

Director, FBI

DATE: June 1, 1950

SAC. Salt Lake City

UBJECT:

FOOCASE

espionage - R

(Bureau File 65-58805)

will the

Remytel to Bureau 5/26/50, teletype to New York, 5/27/50, and New York letter to Bureau, copy to all offices, 5/24/50.

Photographs of HARRY GOLD were exhibited to DAVID C. EVANS, Graduate Assistant, Physics Department, University of Utah, Salt Lake City. MR. EVANS advised that the photograph of HARRY GOID looks very much like the MR. GOLD mentioned in reference teletypes. MR. EVANS stated, however, that he was unable to make a positive identification from Subject's photographs.

In addition to the information set forth in reference teletype, MR. EVANS stated he spent the entire day of September 15 or 16, 1949, talking to an individual, who introduced himself as MR. GOLD, at White Sands, New Mexico. MR. EVANS advised that on the above-mentioned date, he, GOID, and two U. S. Army photographers were waiting at White Sands, N. M. to observe the launching of a rocket. MR. EVANS stated he does not recall the identity of the Army officars but one had an interest in a photo shop located at las Cruces, N. M. MR. EVANS advised that the Army officials may have additional information relative to GOLD.

The Albuquerque Office is not being requested to locate the Army officer at this time but same is being left to the office of origin as to whether the Army officers should be located and interviewed.

MR. EVANS further stated he took two photographs of the launching of the rocket and offered to send GOLD a print, but GOLD showed no interest in obtaining one. MR. EVANS also reported that GOLD did not seem anxious to obtain information relative to the rocket. He stated that GOID, to whom he talked at White Sands, was identical in description to HARRY GOLD.

Photographs of HARRY GOLD were also RELIGIOUS to other informents and sources of information in this area but no information of value was forth-Chela legital records to check for york and check forsital records to and have

CEJ :MEN 65-1115

cc New York (65-5136)

Albuquerque

Philadelphia

AINEDITAS of so citaut leads.

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FEDERAL BUREAU OF INVESTIGAT UNITED STATES DEPARTMENT OF JULICE

To: COMMUNICATIONS SECTION.

URG ENT

RECORDED rangement the following message to: NEW YORK SAC, NEW YORK PHILADELPHIA

FOOCASE, ESP DASH R. RE SALT LAKE CITY LETTER DATED JUNE ONE LAST IN WHICH is set out the results of an interview with david C. Evans, craduate assistant PHYSICS DEPT., UNIVERSITY OF UTAH, SALT LAKE CITY. IT WILL BE NOTED THAT evans advised that he spent the entire dat of september pipteen or sixteen, MINETEEN FORTI NIME. TAIXING TO AN INDIVIDUAL WHO INTRODUCED HIMSELF AS MR. GOLD, AT WHITE SANDS, NEW MEXICO; FURTHER, THAT ON THE ABOVE MENTIONED DATE HE. GOLD, AND TWO U.S. ARMY PHOTOGRAPHERS WERE WAITING AT WHITE SANDS, NEW MEXICO. TO OBSERVE THE LAUNCHING OF A ROCKET. EVANS DID NOT RECALL THE IDENTITY OF THE ARMY OFFICERS, HOWEVER, HE STATED ONE HAD BEEN INTERESTED IN A PHOTO SHOP LOCATED AT LAS CRUCES, NEW MEXICO, AND THAT POSSIBLY THE ARMY officers wat have additional two re the above mentioned cold. Prior to undertaking investigation to ascertain the Identities and whereabouts of the TWO US ARMY PHOTOGRAPHERS FOR THE PURPOSE OF INTERVIEWING THEM CONCERNING Their recollection of one Mr. gold at white sands, new melico, oh september fifteen or sixtem, bineteen forty hine, the phila office is requested to CHECK THE RECORDS OF THE HOSPITAL WHERE HARRY COLD WAS EMPLOYED TO DETERMINE if gold could have been at white sands, new nexico, on either sertember fifteed or sixteen, hineteen forty nine. If it is ascertained through hospital records that the possibility exists that cold could have been at white sands. MEW MEXICO, ON THE ABOVE DATE THEN APPROPRIATE LEADS SHOULT

Office Memorandym • United States Government . MR. V. P. KEAY DATE: June 6. 1950 FROM : C. W. BOSS SUBJECT: FOOCASE You will recall on June 2, 1950 Army files were checked for any wailable information on David Creenglass. On that date, Army advised there as no record on this individual in Washington. Army informed on June 5 they had received a wire from the Demobilized Records Branch in St. Louis to the following effect: David Greenglass. Serial #32882473 was inducted on April 5, 1943 at New York City. He received a honorable discharge on February 28, 1946 at Fort Bliss, Texas. He had the rating of T/4 when discharged and had been assigned to the Manhattan District. He was born on March 3, 1922 and his last address was given as 6h Sheriff Street, New York City. ACTION: It is recommended this memorandum be furnished to the Espionage Section. RECORDED - 78 ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED 5 8 JUN 12 1250

Office Memorandum · united states government MR. A. H. BEIMON DATE: May 24, 1950 FROM MR. C. E. HEWNIGH FOOCASE SUBJECT: On May 22, 1950, I talked with ASAC Whelan of New York. I requested that they immediately interview/Bentley, Budenz, and others who were involved in pro-Soviet activities during the pertinent period of Gold's activities in espionage, and exhibit his photograph to them, together with other photographs, and elicit from them all information they have regarding Gold. He was told to consider among the persons to be interviewed Armand Feldman, Sabatini, and others of a similar ilk. CEH:mer RECORDED . 85-58805=/274 JUN 8 1950 ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 2/3/82 BY 3000 PUT/V 58 JUN 12 1950

Mr. Tolson FEDERAL BUREAU OF INVESTIGATION Mr. Lodd ----U. S. DEPARTMENT OF PUSTICE COMMUNICATIONS SECTION Mr. Nichola ... MAY 81 Mr. Harbo Mr. Belmont WM FBI MOBILE 5/31/50 6-10 PM DIRECTOR, FBI AND SAC-S NEW YORK AND PHILADELPHIA OFOOCASE, ESPIONAGE DASH R. RE NEW YORK LETTER TO DIRECTOR TWENTY FOURTH UNABLE IDENTIFY PHOTOGRAPHS OF GOLD AND INSTANT. ADVISES HAS NEVER SEEN GOLD IN THIS AREA. RUC. MUMFORD ACK IN O PLS RECORDED - 78 WA 8-12 PM OK FBI WA OVM NYC OK FBI NYC REOT PH OK FBI PH FMM

DISC

CABLE NUMBER 489 FROM SIS NUMBER 828 23, 1950 AT LUNDON. ENGLAND. RECEIVED IN SHEATE SUBJECT IN TUESDAY-8 INTERVIEW ADVISES AT FIRST MEETING SUBJECT GAVE CORRECT NAME. CONTACT GAVE NO NAME BUT EXPRESSED PLEASURE AT BEINE CHOSEN FOR SUCH IMPORTANT ASSIGNMENT. WARNED SUBJECT TO MAKE SURE NOT FOLLOWED. [ATOMIC ENERGY AND ATOMIC BOMB MENTIONED BY ONE PROBABLY SUBJECT. CONTACT MUST HAVE KNOWN ABOUT IT AS ASKED NO QUESTIONS AS TO MEANING. AT BOSTON MEETING FEW DAYS AFTER CONTACT CAME TO SISTER-8 HOME IN CAMBRIDGE SUBJECT GAYE CONTACT ABOUT SIX HANDWRITTEN PAGES. INCLUDING MOSTLY WHAT KNOWN CONCERNING EMPLOSION. ALSO FACTS OF HIGH EXPLOSIVE AS TO TYPE FOR COMPRESSION WAS CONSIDERED BUT NOT FINALLY DECIDED UPON. ALSO THE DIFFICULTIES OF MULTIPLE POINT DETONATION ON WHICH PROBLEM SUBJECT WAS SPECIFICALLY WORKING. REPORT WRITTEN IN LANGUAGE PHYSICIST WOULD UNDERSTAND, CONTACT HE FEELS SURE WOULD NOT UNDER-EITHER AT THIS OR NEXT MEETING SUBJECT ALSO FURNISHED OUTER DIMENSIONS OF HIGH EXPLOSIVE. AT JUNE 1945 MEETING AT BANTA FE - 1/4 SUBJECT GAVE MORE INFORMATION AS TO BOMB SIZE, ADDITIONAL INFOR-MATION CONCERNING IGNITION ALTHOUGH IGNITION METHOD NOT YET SETTLED, ALSO IBM CALCULATIONS. METHOD OF CALCULATING AND RESULTS OF EFFICIENCY OF CALCULATIONS, BUCH ESTIMATES RANGING FROM SMALL PERCENTAGES TO 50 PER CENT ALTHOUGH MUCH LATER HIROSHIMA TEST WAS ABOUT THREE PER CENT AND NAGASAKE ABOUT 17 PER CENT. ALSO DISCLOSED THAT BOMB WAS INTENDED FOR USE AGAINST JAPAN. SUBJECT PREPARED THIS MATERIAL IN LONGHAND BIX OR MORE PAGES AND CONSULTED OFFICIAL DOCUMENTS IN PREPARATION. SUBJECT BELIEVEN SPEEDED UP FIRST SOVIET A-BOMB SEVERAL YEARS BY HIS DISCLOSURES BECAUSE RUSSIANS COULD START ON DETONATION TO BE READY WHEN PLUTONIUM WAS AVAILABLE. HIS INFORMATION DID NOT SPEED UP RUSSIAN PRODUCTION OF PLUTONIUM DUE TO HIS LIMITED KNOWLEDGE, ALTHOUGH HE OBTAINED SOME KNOWLEDGE OF THIS DURING FINAL PERIOD SPENT IN LOS ALAMOS. SUBJECT STATES KNEW ABOUT GASEOUS DIFFUSION PLANT AT OAK RIDGE BUT KNEW HARDLY, ANYTHING ABOUT ELECTRO-MAGNETIC PROCCESS AND NOTHING ABOUT CHANGE DESIGN IN GASEOUS OR E.M. PROCEDURE. ONLY 80 FAR AS HE ENTERED INTO INTERPRETATION OF EXPERIMENTAL RESULTS DID HE KNOW OF POSSIBLE EFFECTS OF EXPLOSION ON HUMAN LIFE. AT NOVEMBER 1945 MEETING SUBJECT PASSED DATA CONCERNED MAINLY WITH TESTS AT TRINITY, HIS WORK ON INITIATOR AND PERHAPS SOMETHING ON PRE-ASSEMBLED CORE. THIS PAPER ALSO ABOUT SIX PAGES LONGHAND, PARTLY WRITTEN BY 5-28-50 In paraett succession of the green paraette and tong-Phillips 5-28-5005

58 JUN 12 1950

AEC 6-2 WE



PAGE TWO

AT LONELY PLACE WHERE TURNED OFF IN DESERT WHILE ENROUTE IN CAR FROM LOS ALAMOS TO SANTA FE TO MAKE CONTACT. AT JUNE 1945 SANTA FE MEETING HE FURNISHED DATA ALSO TO CRITICAL SIZE WHICH WAS VALUABLE ONLY IF DESIRED TO KNOW HOW MANY BOMBS COULD BE MADE BASED ON RATE OF PRODUCTION. DURING ABOUT SIX CONTACTS IN ENGLAND AFTER RETURN FROM AMERICA HE FURNISHED DATA ON PROBABILITY OF PRE-DETONATION, ALSO CALCULATIONS BASED ON TWO JAPANESE EXPLOSIONS, ALTHOUGH HIS CALCULATION HE STATES IS NOT ACCEPTED FIGURE. AMERICAN CONTACT ONCE ASKED AS TO ELECTROMAGNETIC PROCESS, ALSO BETA EFFICIENCY FORMULA, ALSO WHICH COMPANY CONCERNED WITH DEVELOPMENT. ALSO POSSIBLE IDENTITY OF SCIENTISTS AT LOS ALAMOS AND POSSIBLY WAS ASKED QUESTIONS ON MECHANICS OF BOMB ASSEMBLY. ALL REPORTS WRITTEN BY SUBJECT IN ENGLISH LONGHAND. CLEGG.

RECEIVED:

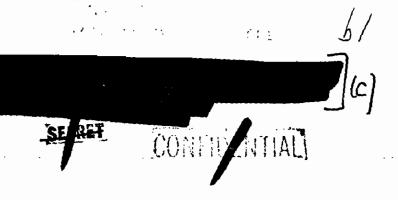
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ME I

NOTE: UNDERLINED PORTIONS OBTAINED FROM GARBLES. CORRECTED

TO READ AS UNDERLINED 5-24-50 9:20 A.M.



NUMBER 828 DATED MAY 24, 1950 AT LONDON, ENGLAND. RECEIVED VIA THE STATE Classified by 3082 URGENT Declassify on: OADR FOOCASE. FUCHS POSITIVELY IDENTIFIED THE STILL PHOTOGRAPHS GOLD AFTERNOON OF MAY 24 AND AFTER FIEWING MOVING PICTURES OF GOLD SAID QUOTE THAT IS HIM. MY AMERICAN CONTACT. SUBJECT BELIEVES NO WRITTEN INFORMATION GIVEN GOLD AT SISTER'S RESIDENCE CAMBRIDGE BUT WAS SHORTLY THEREAFTER AT BOSTON MEETING. SUBJECT WITHESSED NUCLEAR FISSION TEST, WHICH IS SAME AS TRINITY BOMB EXPLOSION, FROM DISTANCE OF TWENTY MILES. CONFIRMS STATEMENTS ON SEPARATION OF ISOTOPES AND EVENTUAL USE OF NUCLEAR FISSION IN FORM OF WEAPON DURING EARLY NEW YORK CITY CONTACTS WITH GOLD. FREQUENTLY STATE WORKED IN AIR-TIGHT COMPARTMENT. ALSO KNEW AND REPORTED PLANS FOR ISOTOPES SEPARATION PLANT IN SOUTH. SUBJECT DOES NOT BELIEVE MENTIONEO GEORGIA OR ALABAMA. THAT HE PASSED WRITTEN INFORMATION AT ONLY TWO MEETINGS IN NEW YORK CITY, BELIEVES PASSED AT ALL BUT FEW, SINCE GOLD COULD NOT UNDERSTAND ORAL TECHNICAL DISCUSSIONS. BUBJECT'S DESCRIPTION OF SANTA FE MEETING SUBSTANTIALLY COINCIDES WITH YOUR INFORMATION SUBJECT GIVES NO INFORMATION TO IDENTIFY JOHN BUT MENTIONED WENDELL FURRY CALLED SISTER'S HOME WHILE SUBJECT WAS THERE IN FEBRUARY, 1945. KONSTANTIN LAFAZANOS AND BISTER'S COOK ONLY OTHER PERSONS REMEMBERED THERE. FURNISHED NO INFORMATION IN THE UNITED STATES RE H-BOMB. DID SOME RESEARCH IN THIS FIELD IN LAST PERIOD AT LOS ALAMOS ON HYDRO DYNAMICA PROBLEMS. INFORMATION ON H-BOMB AFTER ADDITIONAL WORK ON THIS PROBLEM IN DECLINES TO DISCUSS ATOMIC RESEARCH WHICH WAS EXCLUSIVELY ENGLAND. DONE IN ENGLAND DUE TO LACK OF COOPERATION IN THIS FIELD BETWEEN U.S. AND ENGLAND. SUBJECT WILLING TO GIVE SIGNED STATEMENT WHICH 18 BEING PREPARED. CLEGG. INDEXED . 18 5-24-50 RECORBERS #4 LEI ALG Y Ad Exempt from GDS, Catogor

Mr. Tra Mr. Hart CABLE NUMBER 493 FROM SIS NUMBER 828 DATE RECEIVED VIA THE STATE MAY 26. 1950 AT LONDON. ENGLAND. DEPARTMENT. URGENT FOOCASE. FOOCASE. REBUCABLE 474. GENERALLY, ALL TECHNICAL INFORMATION PASSED BY SUBJECT TO GOLD IN WRITING, DUE TO LIMITED ABILITY TO UNDERSTAND AND INTERPRET BY GOLD. INFORMATION CONCERNING IDENTITY OF OFFICERS AND HIGH-RANKING SCIENTISTS AND DISCUSSIONS OF PERSONNEL WOULD BE GIVEN ORALLY. GOLD NEVER TOOK NOTES AT MEETINGS. An MATION PASSED IN WRITING INCLUDED: THE APPROXIMATELY THIRTEEN MSN DOCUMENTS PREPARED BY SUBJECT. OUT OF TOTAL OF APPROXIMATELY MINETEEN OF THIS SERIES COMPLETED BEFORE DEPARTURE FOR LOS ALAMOS. THESE PASSED IN NNEW YORK, AS PREPARED, AT SUCCESSIVE MEETINGS.

INFORMATION FROM TIME TO TIME, AS RECEIVED, AS TO OVERALL AND GENERAL EFFORTS AND ACTIVITIES, CONNECTION WITH OWN WORK, RELATIVE TO PRODUCTION OF FISSIONABLE MATERIAL AND ITS POTENTIAL USE AS EXPLOSIVE IN WAR EFFORT.

ENERAL INFORMATION ABOUT MEMBRANES AND THEIR COMPOSITION.

ORAL INFORMATION AS FOLLOWS:

THAT LARGE PLANT TO BE BUILT SOMEWHERE IN SOUTHEASTERN 1. UNITED STATES IN PRODUCTION OF FISSIONABLE MATERIAL. UTILIZING GASEOUS DIFFUSION AND ELECTRO-MAGNETIC PROCESS.

INFORMATION AS TO OFFICERS AND IDENTITY OF SCIENTISTS, AS KNOWN TO HIM, AT GASEOUS DIFFUSION ESTABLISHMENT UNDER MED AT NEW YORK.

VARIOUS_MEETINGS ALL OF ABOVE PASSED AT

COPIES DESTROYED

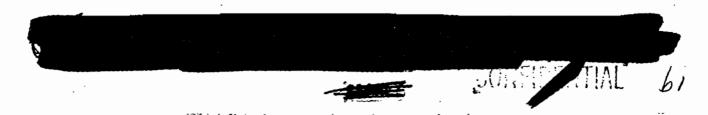
Frampt from GDS, Caregory



PAGE TWO

FOLLOWING PASSED AT BOSTON MEETINGS IN WRITING:

- 1. INFORMATION DEALING WITH THE WHOLE PROBLEM OF MAKING AN ATOMIC BOMB FROM FISSIONABLE MATERIAL, AS SUBJECT THEN KNEW THE PROBLEM. ALSO THE AGREED UPON, AS WELL AS PERSPECTIVE PLANS, IN THIS PRODUCTION. AS THEN KNOWN TO HIM.
- 2. INFORMATION AS TO THE PRINCIPLES OF THE METHODS OF DETONATION OF AN ATOMIC BOMB.
 - 3. SOME INFORMATION, AS KNOWN, CONCERNING TYPE OF CORE.
- 4. THE PRINCIPLES OF LENS SYSTEM, WHICH HAD NOT AT THAT TIME BEEN FINALLY ADOPTED.
- 5. THE SIZE OF OUTER DIMENSIONS OF THE HIGHLY EXPLOSIVE COMPONENTS.
 - 6. THE POSSIBILITY OF MAKING A PLUTONIUM BOMB.
 - 7. MOST OF THE INFORMATION WHICH WAS THEN KNOWN AS TO IMPLOSION
- 8. THE FACT THAT A HIGH EXPLOSIVE AS TYPE OF COMPRESSION WAS BEING CONSIDERED.
- 9. THE DIFFICULTY OF MULTIPLE POINT DETONATION, ON WHICH PROBLEM HE WAS WORKING.
 - 10. THE HIGHLY SPONTANEOUS FISSION RATE OF PLUTONIUM.
- 11. THE COMPARATIVELY CRITICAL MASS OF PLUTONIUM AS COMPARED WITH U-235.
- 12. THE APPROXIMATE AMOUNT OF PLUTONIUM NECESSARY FOR SUCH A BOMB.
 - 13. THE CURRENT IDEA AS TO NEED FOR AN INITIATOR.





PAGE THREE

ALL IN LONGHAND, ENGLISH LANGUAGE, HIGHLY TECHNICAL PHRASEOLOGY.

ORAL INFORMATION PASSED AT CAMBRIDGE BOSTON MEETINGS:

- 1. SUBJECT DECLINING TO ACCEPT OFFER OF MONEY.
- 2. PLANS FOR EARLY MEETING LATER SAME MONTH IN BOSTON.
- 3. DISCUSSION OF PLANS FOR JUNE MEETING IN SANTA FE.

AT FIRST SANTA FE MEETING, THE FOLLOWING GIVEN TO GOLD BY SUBJECT IN WRITING:

- 1. DESCRIPTION OF PLUTONIUM BOMB, THEN DESIGNED AND SOON PLANNED FOR TESTING AT ALAMOGORDO.
- 2. A SKETCH OF THE BOMB AND ITS COMPONENTS, WITH IMPORTANT DIMENSIONS SHOWN.
 - 3. THE TYPE OF CORE.
 - A. A DESCRIPTION OF THE INITIATOR.
 - 5. DETAILS AS TO THE TAMPER.

FOLLOWING GIVEN ORALLY AT FIRST SANTA FE MEETING:

- 1. THE NAMES OF TYPES OF EXPLOSIVES TO BE USED IN THE BOMB.
- 2. THE FACT THAT TRINITY TEST EXPLOSION WAS TO BE MADE
- 3. THAT TRINITY TEST WAS EXPECTED TO ESTABLISH THAT ATOMIC BOMB WOULD PRODUCE EXPLOSION VASTLY GREATER THAN THT, AND COMPAR-ISON WITH EXPLOSIVE FORCE OF THT.

11111111



PAGE FOUR

FOLLOWING GIVEN IN WRITING SECOND SANTA FE MEETING:

- 1. RESULTS OF TRINITY TEST.
- 2. TECHNICAL WORK ON INITIATOR.
- 3. INFORMATION AS TO PRE-ASSEMBLED CORE.
- 4. SPECIAL TECHNICAL PHASES OF PLUTONIUM.
- 5. THE USE OF A SPECIAL ALLOY CONSTITUENT. ORALLY DISCUSSED ARRANGEMENTS FOR NEXT CONTACT IN LONDON.

SUGGEST CHECK FOR SECURITY IN PREPARING INDICTMENT.

CLEGG

RECEIVED:

5-26-50 7:06 PM



Mr. Glavin Mr. Nichols Mr. Tracy Mr. Harbo Mr. Belmon CABLE NUMBER 494 FROM SIS NUMBER 27, 1950 AT-LONDON, ENGLAND. RECEIVED VIA THE STAI DEPARTMENT. URGENT FOOCASE. FUCHS' 10 PAGE SIGNED STATEMENT, INCLUDING TECHNICAL AND CLASSIFIED DATA AS DELIVERED TO GOLD, AND ANOTHER 7 PAGE SIGNED STATEMENT, OMITTING CLASSIFIED DATA, OBTAINED. COPIES OF BOTH, IN POUCH NUMBER 1327, REGISTRY NUMBER 2984, SHOULD ARRIVE MONDAY. SEE SUMMARY OF BRIEF ON FUCHS. 4 PAGE EXHIBIT NUMBER 8, LIST OF DOCUMENTS. PAGE 1: EXCERTS FROM MEMORY GIVEN GOLD, ITEM 3 AT LONDON, ITEMS 8 AND 9 AT BOSTON MEETINGS. PAGE 2: ITEMS 1 AND 3 PROBABLY GIVEN ESPIONAGE CONTACT AT BANBURY, ENGLAND; ALSO EXCERPTS FROM ITEM 4; ITEMS 6 AND T DELIVERED AT BANBURY; ENTIRE DOCUMENT ITEMS 9, 10, 11 12, AND 13 DELIVERED GOLD IN NEW YORK. PAGE 3: IF ITEM 4 18 MSN 12A, WAS DELIVERED TO CONTACT IN ENGLAND: ALL OF ITEM 9 DELIVERED IN ENGLAND, AS WAS THE EXCERPT FROM MEMORY OF ITEM 10 EXCERPTS FROM MEMORY ITEMS 15 AND 19 GIVEN GOLD AT BOSTON; EXCERPT, OR EXCERPTS FROM MEMORY, OF DOCUMENTS, DELIVERED IN ENGLAND, ITEMS 16, 18, 20 OF MSN-71, AND 25 TO 30, INCLUSIVE. ALL PENDING LEADS COVERED. ARE ANY ADDITIONAL INTERVIEWS DE-SIRED ? CLEGG. **RECEIVED** 5-27-50 1:13 P.M. Classified by 30424 Declassify on: OAD HATEIN IS UNIDASSIFIED EXCEPT 6. WHERE SHOWN OTHERWISE cc: mi Lit Exempt/from GBS, Category

Mr.4 Tobaca

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Office	Men. dum · united	is gove	RNMENT
TO i	Mr. A. H. Belmon	DATE: May 31,	1950
FROM 1	V. P. Keppy		toless
SUBJECT:	JOSEPH COLD		Class in
PURPOSE:	Focase		Rosen Precy
to a requi	To advise of the result of review of Bureau is est from the Espionage Section for a correlation ld, the brother of Harry Gold.		Yels Room
DETAILS:			Alcol Kin
under the	The name of Joseph Gold was searched through the following breakdowns and build ups:	ne Bureau indi	You Ligh
	Joseph Gold, Joseph B. Gold, Joseph E. Gold, Joseph F. Gold, Joseph G. Gold, Joseph M. Gold, Joseph S. Gold, Joseph S. Gold, Joseph S. Gold, J. Gold, J. B. Gold, J. F. Gold, J. F. Gold, J. J. Gold, J. J. Gold, J. J. Gold, J. M. Gold, J. Gold, J. J. Gold, J. J. Gold, J. M. Gold, J.	5. 28805-/	So So Sula

RECOMMENDATION:

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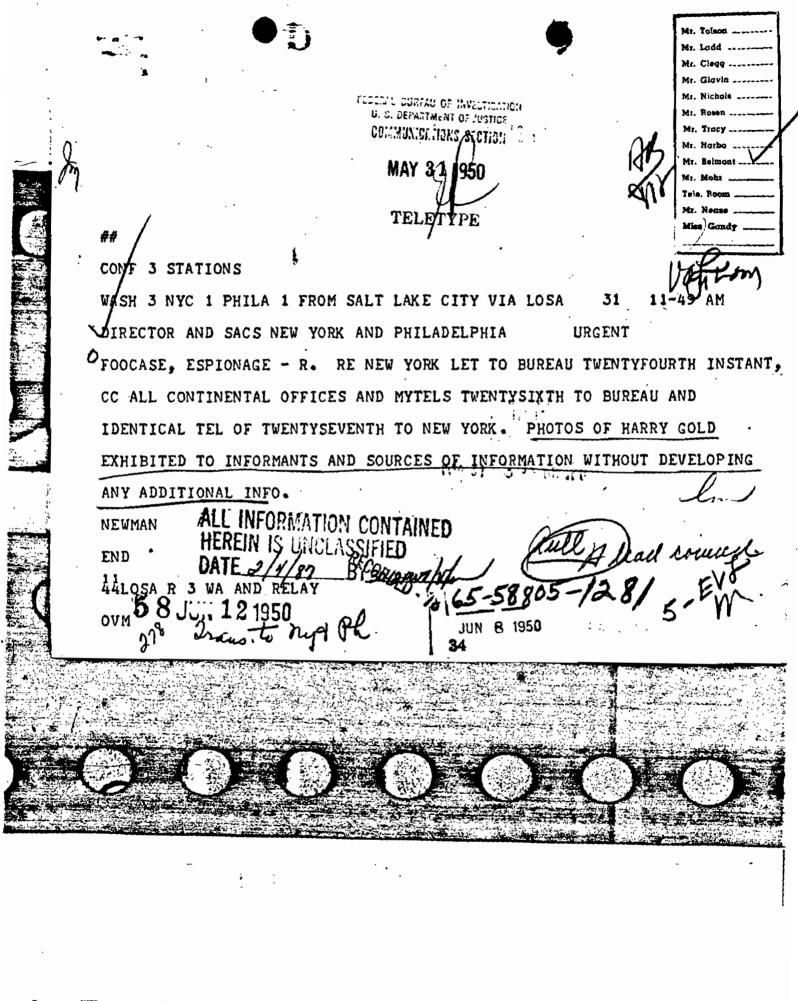
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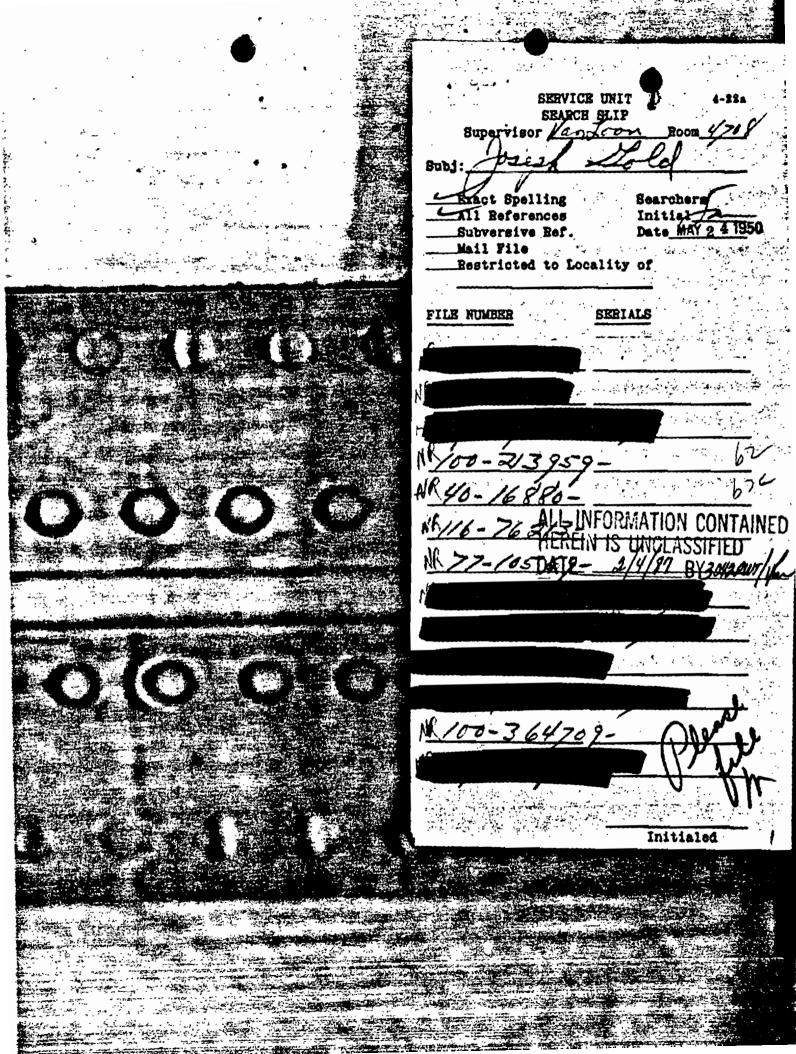
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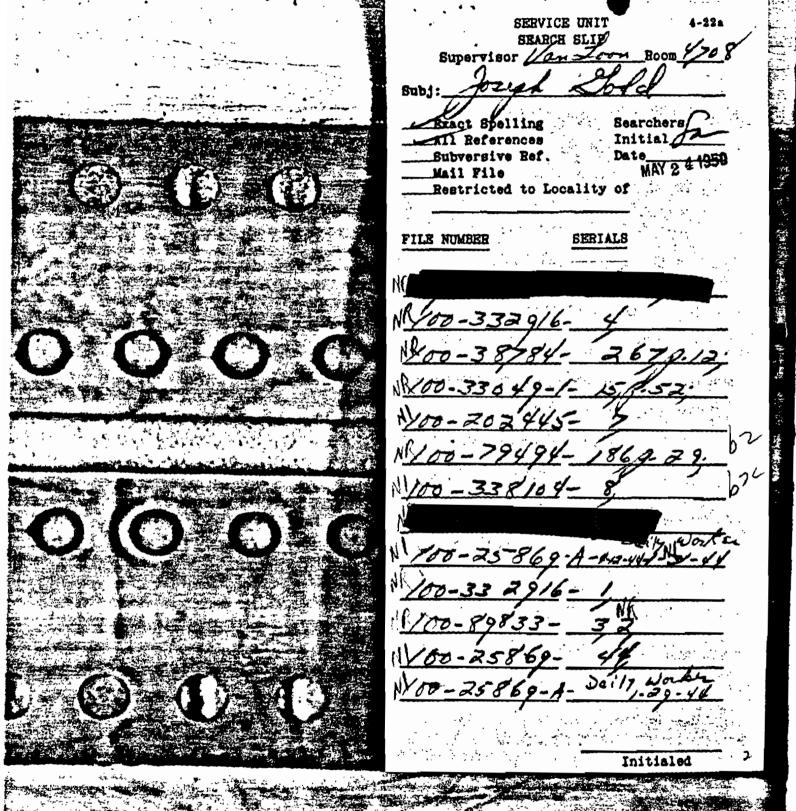
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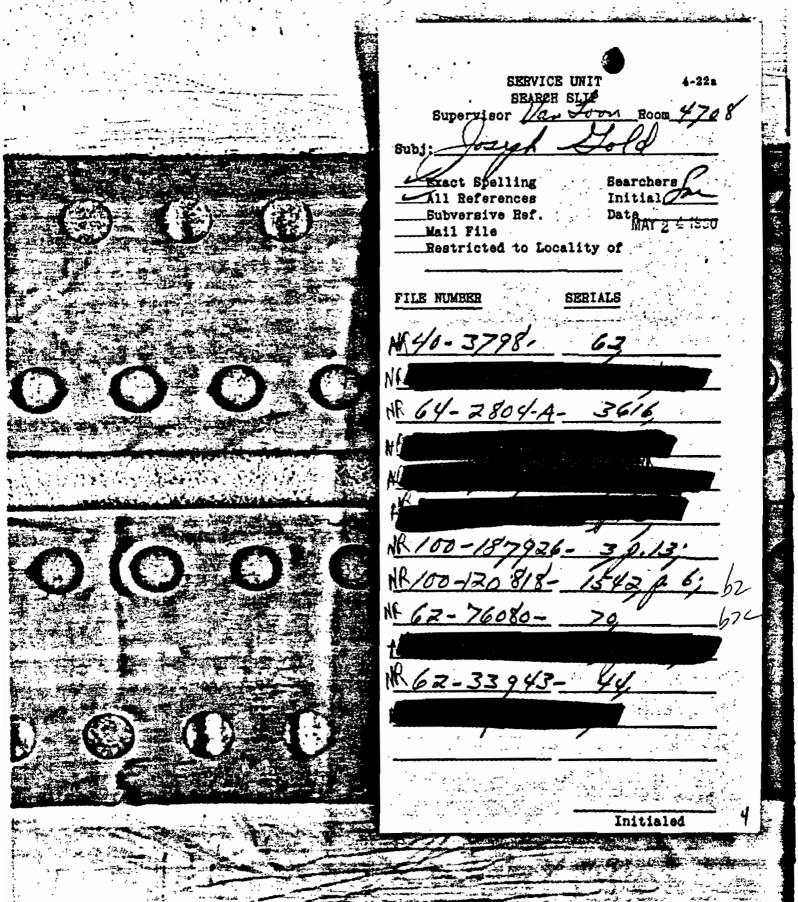
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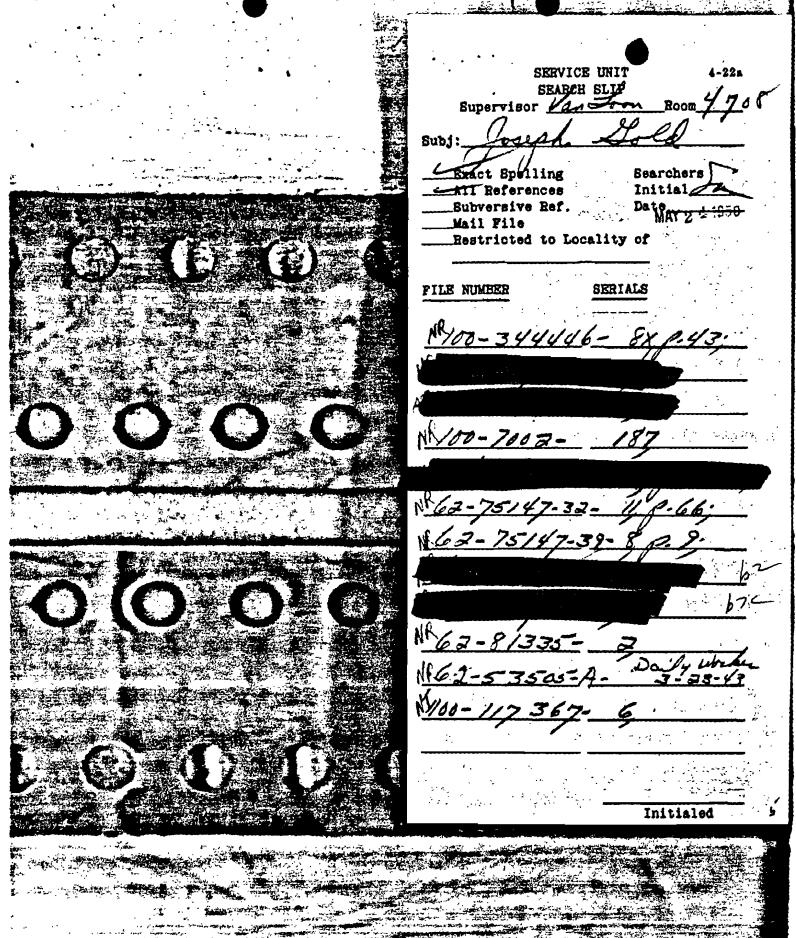




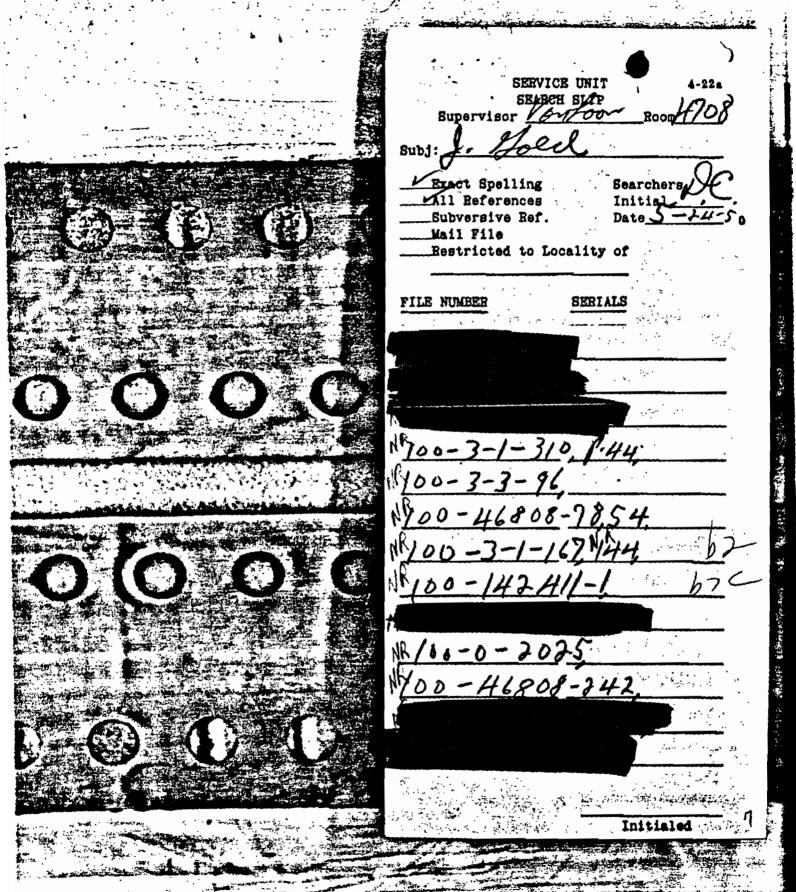


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u. S. Defantment of patice CONTRIBUTIONS SECTION JUN - 1.795 TELETYPE ## CONF 2 STATIONS WASH 8 AND NYC 2 FROM LOS ANGELES 9-16 AM DIRECTOR , SAC URGENT HARRY GOLD, WAS, ESP-R, RE NY TEL MAY TWENTYSIX AND LA TEL MAY TWENTYEIGHT. INTERVIEW OF KORCHIEN BEING HELD IN ABEYANCE AWAITING INFORMATION FROM NEW YORK AS TO WHETHER OR NOT GOLD HAS FURNISHED ANY INFO RE KORCHIEN END LA R 8 WA CW R RELAY TO NYC

FEDERAL BUREAU OF INVESTIGATION

Office Merorandum. UNITED STEES GOVERNMENT : DIRECTOR, FBI DATE: June 2, 1950 : SAC, PHILADELPHIA SUBJECT: POOCASE ESPIONAGE - R Re New York letter dated June 1, 1950. In accordance with instructions set forth in referenced New York letter, this matter is being considered RUC. RGJ:agm 65-4296 co: New York 58JUN 12

Office Memorandum • UNITED STATES GOVER Mr. Rosen N: 1950 DIRECTOR, FBI SAC, OMAHA ESPIONAGE - R. Re: BYC letter to Bureau May 24, 1950, which enclosed photograph Since no informants or sources of information, who should logically of HARRY GOLD. view GOLD's photograph, reside within the territory covered by the Omaha Division, no exhibition of it is being made. DECLASSIPTED BY 3040 PWT MW no action recessor RECORDED - 136 165-58805-1284 cc New York City co Philadelphia 5-58805

Office Memorandum • United States Government

TO : Director, FBI

DATE: June 1, 1950

FROM SAC, San Antonio

AIR MAIL

SUBJECT:

FOOCASE ESPIONAGE - R

Bureau File 65-58805

Re New York letter 5/24/50.

Pictures of HARRY GOLD were not exhibited by the San Antonio office because it was not believed anything of value relative to GOLD could be obtained.

HHM: JMW 65-1416 cc. New York, AM cc. Philadelphia, AM DEFERRAN PROCES

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DATE 2 4/87

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RECORDED - 126 S4 SECONDED - 126 S4

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3 JUN 12 1950 135



United States Department of Just Rederal Bureau of Investigation

Post Office Box 812 Chicago 90, Illinois June 1, 1950

> AIR MAIL SPECIAL DELIVERY

Director, FBI

ESPIONAGE - R Bufile 65-58805

Dear Sir

Relet of New York dated May 24, 1950 requesting that pictures of HARRY GOLD be exhibited to informants and sources of information, who, in the discretion of the SAC, may be of value in securing information relative to GOLD.

There are no informants or sources of information in the Chicago Division who would be likely to be of value in securing information relative to HARRY GOLD.

ALL INFORMATION CONTAINED HEREIN 13, UNCLASSIFIED

Very truly yours,

G. R. MC SWAIN.

LRE: VLS 65-3374

cc - New York (65-15136)

165-58805-1286

JUN S 2 IS PHING RECEIVER

D 8 JUN 12 1950

Nederal Bureau of Investige United States Bepartment of Iustice 518 Railway Exchange



65-666

Dezver 2, Colorado June 2, 1950

AIR WAIL SPECIAL DELIVERY

Director, FBI

ESPIONACE - R (Bufile: 65-58805)

Dear Sire

Re New York letter to Director, cc Denver, dated May 23, 1950, requesting that MORRIS LOUIS APPELMAN be interviewed as to any information he may possess concerning HARRY GOLD.

The photographs of GOLD which had been forwarded to this office were displayed to APPELMAN, and APPELMAN stated he had never seen GOLD at any time and that he did not have any information whatsoever regarding GOLD.

Very truly yours.

ALL INFORMATION CONTAINED

HEREIN IS JUNCLASSIFIED

BY 304A PUT H

D. P. Kramer

Special Agent in Charge

40 action neuran

New York (65-15185)

136 JUN 8 1950

Philadelphia :

JCL: mfe 65-666

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Jun 5 3 18 FM '58

5 8 JUN 12 1950

Office Memorandum • United States Government

DIRECTOR. FBI

DATE: May 29, 1950

GUY HOTTEL, SAC, WASHINGTON FIRED

ESPIONAGE - R

(Buffle 65-58805)

Renylet May 23, 1950.

The Detroit Office is requested to exhibit the photograph of HARRY GOLD to WILLIAM ODELL NOWELL in accordance with the suggestions set forth in referenced letter.

65-5325 CC: Detroit New York (65-15136)

DECLASSIFIED BY 3042 PUT / HA

65-58805-JUN 8 1950

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Office Memorandum • United States Government

Director, FBI

DATE:

June 1, 1950

SAC, Cincinnati

SUBJECT:

FOOCASE

ESPIONAGE - R

(Bufile 65~58805)

CONFIDENTIAL

Re New York Letter 5-23-50, which requested that photographs of HARRY GOLD be exhibited to the individuals set out in SAC Letter dated 5-4-50, captioned "Espionage and Internal Security Investigations."

Insofar as the Cincinnati Division is concerned, the SAC Letter of 5-4-50 lists only (real name) as an individual to be considered for interview in connection with Espionage and Internal Security investigations. Since of oroke with the Communist Party in 1922, it is not 570 possible that he would be acquainted with HARRY GOLD and therefore no useful purpose would be served in exhibiting GOLD's photograph to this individual. Unless the Bureau advises to the contrary, GOLD's photograph will not be exhibited to

oc: New York (65-15136)

AEO : ESG 65-1704

RECORDED - 138 65 58805-1287
ED - 136 34 8 1950

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5 8 JUN 12 1950

Office Memorandum • UNITED STATES GOVERNMENT

TO

Director, FBI

DATE:

June 1, 1950

FROM : SAC, Kansas City

SUBJECT: FOOCASE

ESPIONAGE - R (Bufile 65-58805)

Relet from New York dated 5-24-50 enclosing photographs of HARRY GOLD.

On 5-31-50 these photographs were shown to ho presently resides was unable to identity GOLD as a person known to him during association with the Communist Party. .

formerly was a confidential informant of the New York Office. At one time he was

RUC.

oc - New York (65-15136) (Air Mail)

cc - Philadelphia (Air Mail)

cc - KC 100-3272

CLR:tj. 65-1280

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> RECORDED . 136 MEDXED. IS

58 JUL 12 1950

Office Memorandum • United States Government

TO : Director, FEI

DATE: May 31, 1950

FROM : SUBJECT:

SAC, Los Angeles

FOOCASE

FOOCASE ESPIONACE - R

(Bufile 65-58805)

Prof DEST

Re New York let 5/23/50.

The seven recent photographs of HARRY GOLD were exhibited to

He immediately recognized them as being identical with the HARRY

GOLD whose pictures appeared recently in the newspapers but stated he had never

known GOLD.

ALL INFORMATION CONTAINED

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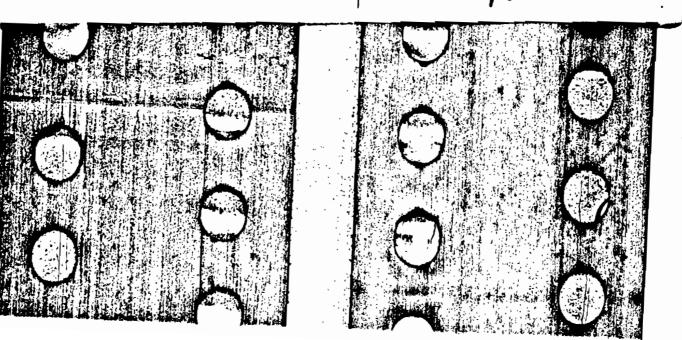
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cc: New York (65-15185) (65-15136)

65-58805-1291

58 JUN 12 1950 1

JUN 8 1950



Director_FBI

SAC, Albany

FOOCASE ESPIONAGE - R (Bureau file 65-58805) ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

Bureau letter dated April 19, 1950 to New York, with copy to Albany, advised that information had been received from a highly confidential source to the effect that subject KLAUS FUCHS had expressed the belief that there was some resemblance between the photograph of ALEX BENJAMIN NOVIKOFF and his American contact. Albany was requested to obtain additional photographs of NOVIKOFF and furnish same to Bureau, Boston and New York.

Albany letter dated April 26, 1950 pointed out that a more desirable photograph of NOVIKOFF could be best obtained from sources at Brooklyn College, Brooklyn, New York, where NOVIKOFF had been employed for a number of years as a Professor of Biology, and especially during the years 1944-1945, the pertinent period in this case.

NOVIKOFF is presently employed in the Pathology Department, the University of Vermont, Burlington, Vermont.

The only available photograph of NOVIKOFF obtainable at the University of Vermont was a group photograph which includes NOVIKOFF. A photograph of this group photograph which was taken in the summer of 1949 has been made and it is being furnished to interested offices.

It is noted that HARRY CID has since been identified by the Philadelphia Office as FUCHS' American contact and that there appears a certain resemblance in facial characteristics between the photograph of HARRY GOLD and the photograph of ALEX B NOVIKOFF, which was taken in 1937 and which had been originally submitted in this investigation.

It is deemed advisable at this time to have this photograph of ALEX BENJA MIN NOVIKOFF exhibited to HARRY GOID for possible identification.

For the benefit of the Philadelphia Office, NOVIKOFF has been reported active in Communist activities in the New York area from 1934 to 1948 and was one of the leaders of the Communist movement at Brooklyn College where he had been employed for a number of years as a Professor of Biology. He is reported to be a friend and associate of Dr. JOSEPH GREENSTAND, a Scientist employed by the Kellex Corporation, New York City, who worked on the USM Project and

COPIES DESTROYED

R 207 NUV 17 1900 WFG :PEP 65-1627

cc: Boston (65-3319)(Enc.) New York (65-15136)(Enc.) Philadelphia (Enc.)

HIN 12 1950

RECORDED - 136 65-58805-1292

June 1, 1950

Director, FBI

Re: FOOCASE ESPIONAGE - R

who had attempted to secure positions on this project for other persons sympathetic to the Communist cause.

NOVIKOFF is described as follows:

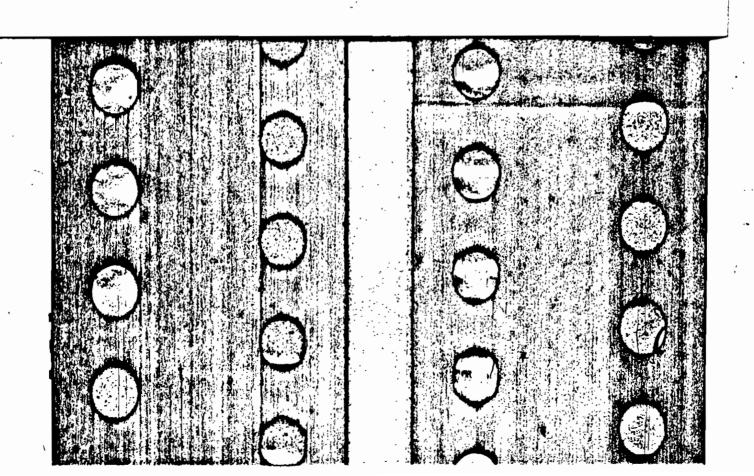
Age: 37 Born: February 28, 1913 at Chernigova, Russia Citizenship: Naturalized by derivation 5191 Height: Weight: 168 lbs. Builda Medium Hair: Black Dark Complexion: Brown Eves: Dressa Neat Married Marital status: Occupation: Pathologist Residence: 418 West 20th Street, New York City (1944-1945). Now resides in Burlington, Vermont. Employment: Professor of Biology, Brooklyn College, Brooklyn, New York, 1940-1948. Now employed at the University of Vermont, Burlington, Vermont,

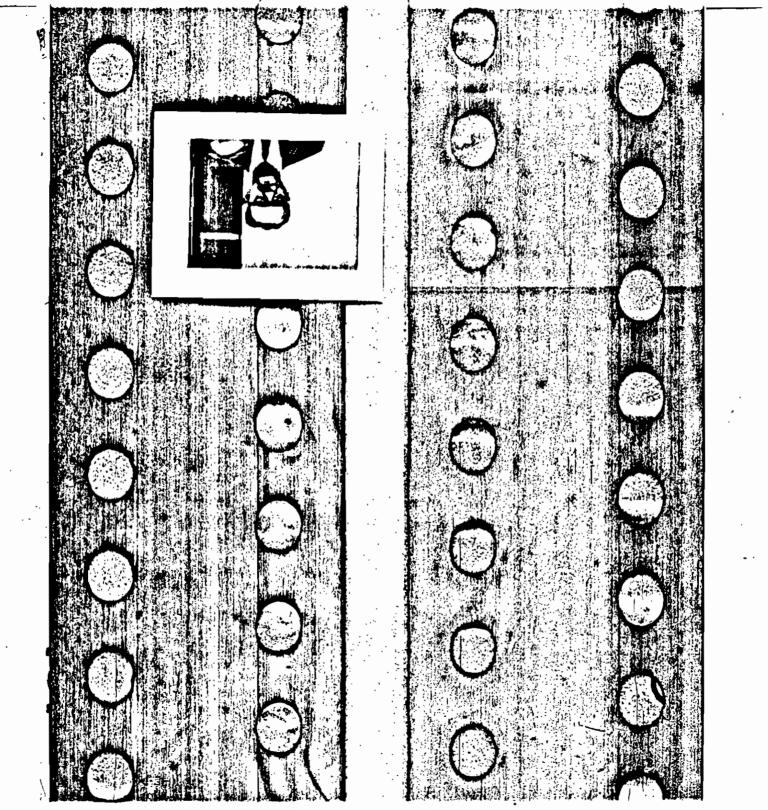
ENCLOSURE TO BUREAU

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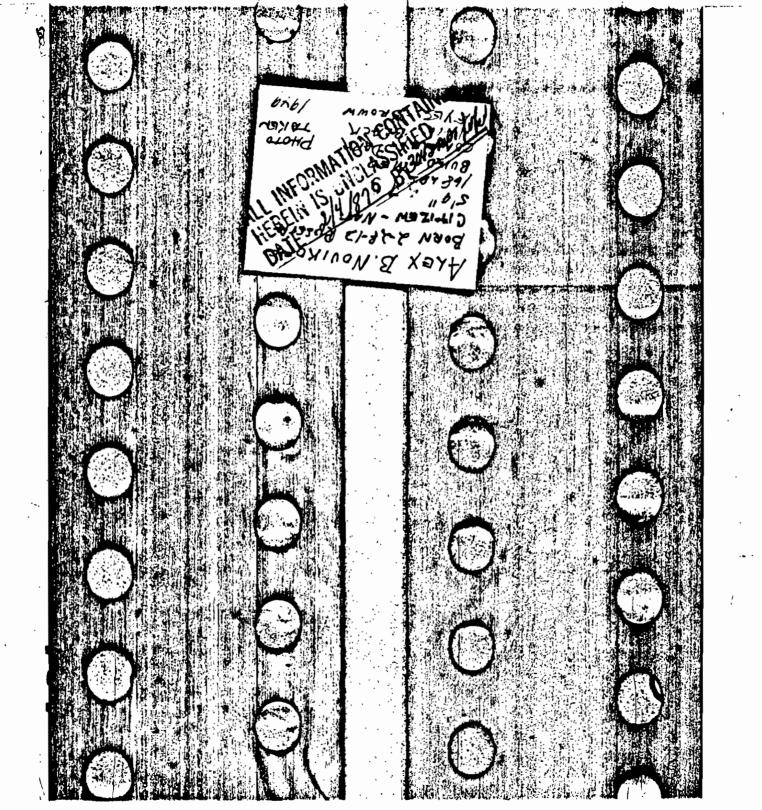
1 photo of ALEX B. NOVIKOFF

Albany File 65-1627





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Office Monorandum • United Sates Government

TO

Director, FBI

DATE: May 27, 1950

BROM

SAC, New York

SUBJECT:

HARRY GOLD, was.

ET AL

ESPIONAGE - R

O 1

There are herein enclosed for Philadelphia, six photographs which include photos of ANATOLI ANTONAVICH YAKOVLEV and LAN ADOMIAN, which are to be exhibited to HARRY GOLD.

cc: Philadelphia (Encls. 6) (SPECIAL DELIVERY)

cc: 100-81002 100-80575

JCW:amo 65-15324 A TOTAL TOTAL OF THE PARTY OF T

ALL INFORMATION CONTAINED RECORDED. 13
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DATE 2/4/82 BY 30420W/ LEDYED.

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5 8 JUN 12 1950

Office Memorandum • UNITED STATES GOVERNMENT DATE: 6-1-50 : Director, FBI SAC, Little Rock SUBJECT: FOOCASE ESPIONAGE - R Bufile 65-58805 NY Filo 65-15136 Re NY let to Director 5-24-50. This is to advise that photographs of HARRY GOLD were 17. exhibited to Confidential Informant who advised after observing the photographs, that he was not acquainted with this individual, nor has he had any contact with him either personally or by correspondence in connection with Communist Party activities in this area Inssuch as Confidential Informant this individual as ever having been active in Arkansas, this case being considered RUC'd. ALL INFORMATION CONTAINED AET : Crc 65-418 ANSD cc - New York (AMSD) Philadelphia (AMSD) BECEINED



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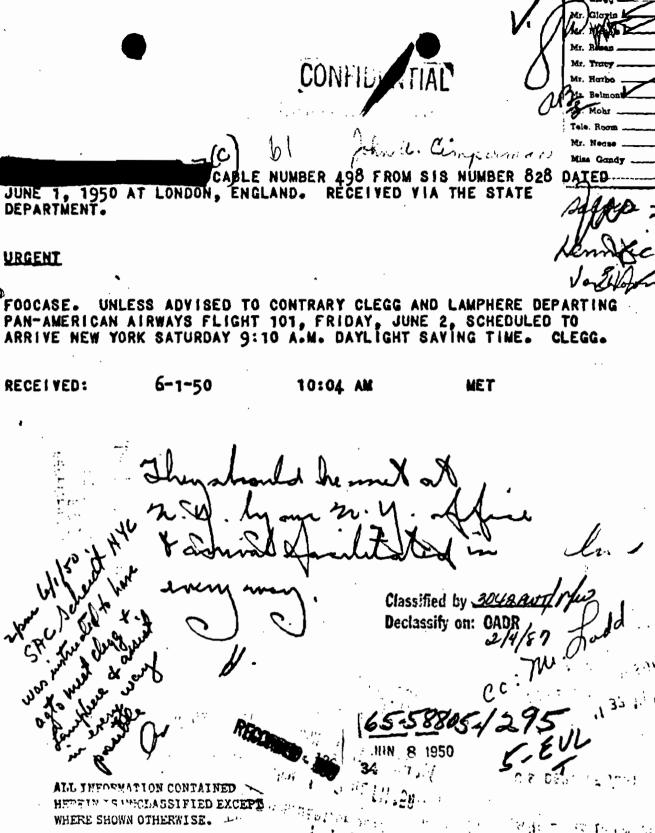
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For your information:
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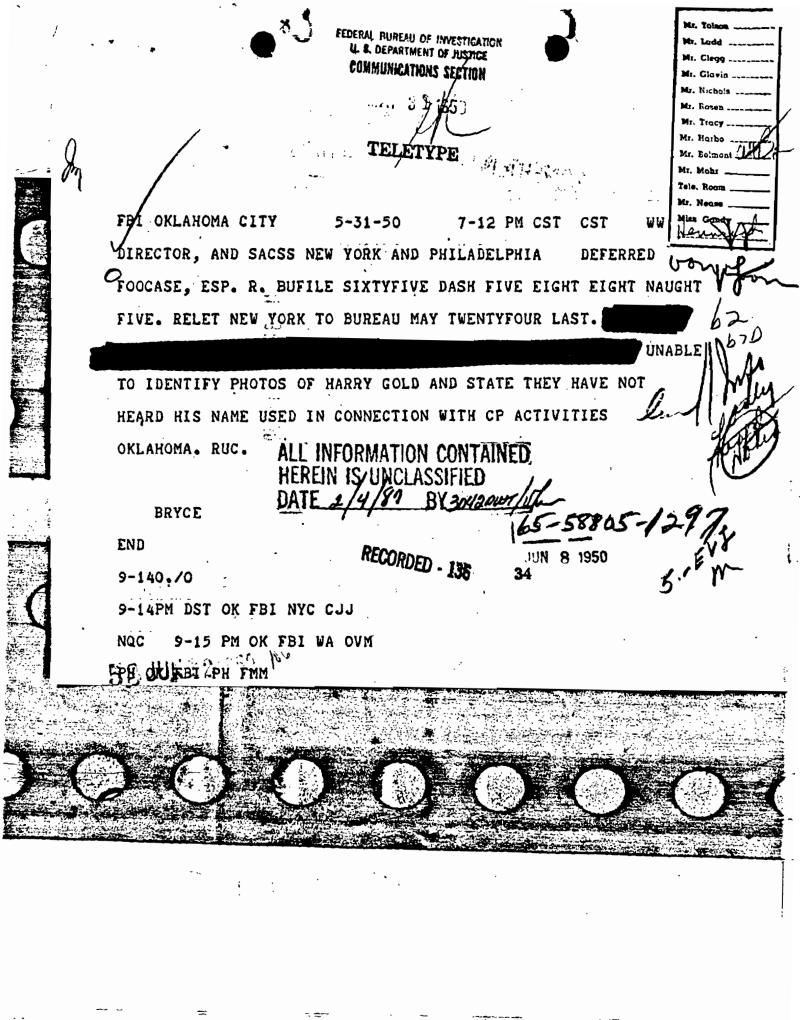
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CABLE NUMBER 485 FROM SIS NUMBER DATED MAY 22, 1950 AT LONDON, ENGLAND. RECEI VED DEPARTMENT. Classified by 3042Pur URGENT Declassify on: OADR 2/4/8 AS AID IN YOUR INTERVIEWS FOLLOWING DETAILS FOOCASE. BY SUBJECT EARLIER TODAY. FIRST MEETING CONTACT HAD GLOVE. SUBJECT HAD SOME OTHER SIGNAL LIKE NEWSPAPER OR SOME WORDS. DETAILS FORGOTTEN, BUT WILL CONCLUDE QUOTE CAN YOU TELL ME HOW TO GO TO GRAND CENTRAL STATION? UNQUOTE THEN CONTACT TO REPLY IN UN-USUAL NOT ENTIRELY RESPONSIVE MANNER. THEN SUBJECT TO RESPOND IN COMPLETELY ABSURD MANNER AS PER INSTRUCTIONS FROM GIRL IN BANBURY. 接FIRST CONTACT PROBABLY AROUND CHRISTMAS WITHIN ONE MONTH AFTER FARRIVAL, ON HENRY STREET NEAR MARKET LOWER EAST SIDE. WALKED NOTHING PASSED BY SUBJECT FIRST MEETING. 第TOGETHER ABOUT 20 MINUTES. TOTAL OF FIVE MEETINGS MAYBE ONE OR TWO MORE IN NEW YORK. MEETING NEAR QUEENSBORD BRIDGE ON STREET. WALKED UNDER THIS BRIDGE ON FIRST AVENUE DURING CONTACT. ANOTHER MEETING ON STREET NEAR ENTRANCE TO SUBWAY STATION. QUOTE MUSEUM UNQUOTE STOP INDEPENDENT SUBWAY LINE. CENTRAL PARK WEST. ANOTHER MEETING IN BRONX NEAR GINEMA, POSSIBLY ON GRAND CONCOURSE NEAR 159TH OR 161ST. MEETING ARRANGED FOR BROOKLYN, POSSIBLY NEAR BORD HALL. TALL BUILDINGS, HEAVY TRAFFIC IN NÉIGHBORHOOD, SHORTLY BEFORE SUBJECT LEFT FOR LOS ALAMOS, CONTACT DID NOT SHOW UP. WHEN CONTACT CAME TO SISTER'S HOME MEETING ARRANGED IN BOSTON NEAR RIVER AND LARGE PUBLIC BUILDINGS ON STREET NOT WIDE. PROBABLY NEAR NORTH STATION. AT JUNE, 1945 SANTA FE MEETING CONTACT PROBABLY ARRIVED BY TRAIN FAT LAMY. NEW MEXICO THEN BY BUS TO SANTA FE. SUBJECT MET CONTACT ON ALAMEDA STREET BETWEEN CASTILLO AND DELGADO STREET, TREES AND BENCHES ALONGSIDE OF STREET. SUBJECT GOT CAR, PICKED UP CONTACT COROVE ACROSS RIVER, TURNED LEFT INTO LANE, STOPPED AT GATE IN DESERTED SPOT AND BROUGHT CONTACT UP TO DATE ON ALL INFORMATION POSSESSED. KNEW ABOUT TEST EXPLOSION SCHEDULED SOON IN JULY AND DISCUSSED DETONATION PLANS BY EMPLOSION (NOT EXPLOSION). EASTERN MEETINGS USUALLY AFTER DARK, NEVER RECEIVED MONEY ALTHOUGH ORAL OFFER MADE WOULD NOT CONSIDER. USUALLY CONTACT DESIGNATED MEETING SPOT EXCEPT ONES NEAR RESIDENCE AND SUBWAY STATION DESIGNED NEVER MET SAME PLACE TWICE. OPINION WHEN READY AS TO FORM AND VALUE OF SIGNED STATEMENT AND ITS CONTENTS WILL PERMIT US TO ASCERTAIN IF OBTAINABLE. CLEGG RECEIVED

FEDERAL BUREAU OF INVESTIGATION

	Porm No. 1 This case originated at	NEW YORK, NE	W YORK	DE	E NO. 65-221L
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ADMINISTRATIVE

TRYATTS:

Re: MARION GORDOW MASTIN

The following investigation was conducted at St. Louis, Michigan, by Special Agent DOUGLAS C. CANNELL.

The following information was secured through Mr. FRANK M. CURTISS, Personnel Manager, and Mr. CLARENCE WOODS, Comptroller, Michigan Chemical Corporation; MARION GORDON MASTIN was employed by instant firm at St. Louis, Michigan, as a Technical Adviser from February 1943 to May 1944. Prior to this period, MASTIN was employed in a similar capacity by the Westvaco Company, Charleston, West Virginia. After leaving the employ of the Michigan Chemical Corporation, he went to work for the Hardesty Chemical Company at Henderson, Nevada.

Both CURTISS and WOODS stated that MASTIN was required to execute an application and his photograph would have been taken at the time he was employed. However, an intensive search of company records failed to produce such said application and photograph. Both WOODS and CURTISS were unable to provide any local sources through which a photograph of MASTIN could be obtained locally, They recalled that MASTIN resided in the Park Hotel, St. Louis, Michigan, while he was employed by this Company.

Mr. CURTISS located a company record which revealed that MASTIN was born August 12, 1891, at Humboldt, Iowa. His Social Security number is In case of emergency, MASTIN requested company officials to notify Mrs. JAMES A. MADAMS, 472 Quartz Street, Redwood, California.

Mr. FRANK M. CURTISS, Personnel Manager, Michigan Chemical Corporation, produced a copy of a letter written by him to the Batelle Memorial Institute, 505 King Street, Columbus, Ohio. Instant letter is dated July 16, 1945, and is in reply to a letter from the Batelle Memorial Institute indicating that MARION G. MASTIN had made application for employment. CURTISS letter in this matter in part reads, "In my opinion, Mr. MASTIN's integrity was not above reproach. His

ability as a Chemist is far from being up to standard. I would even go so far as to say that if the Batelle Memorial Institute found it necessary to employ Mr. MASTIN, the Michigan Chemical Corporation would not deem it advisable to work with the Institute." In commenting on this letter, CURTISS advised that MASTIN endeavored to "take over" when he became employed by the Michigan Chemical Corporation. He disrupted plant morale by openly criticizing and undermining Mr. GILES, the Plant Manager. Moreover, MASTIN is alleged to have had immoral relations at the Park Hotel, St. Louis, Michigan, with Miss ILENE COOPVIT, who at that time, served as his private secretary. His conduct in this matter became publicly known and was the source of considerable gossip. CURTISS informed that after MASTIN and LOOPVIT left the employ of the Michigan Chemical Corporation, they reportedly were married.

Owing to the fact that HARRWOLD, Philadelphia,
Pennsylvania, has been identified to be the unknown Subject who directly
contacted FUCHS, no lead is being set out in this report to secure a
photograph of MASTIN to the Westvaco Company, Charleston, West Virginia.

- REFERRED UPON COMPLETION TO THE OFFICE OF ORIGIN -

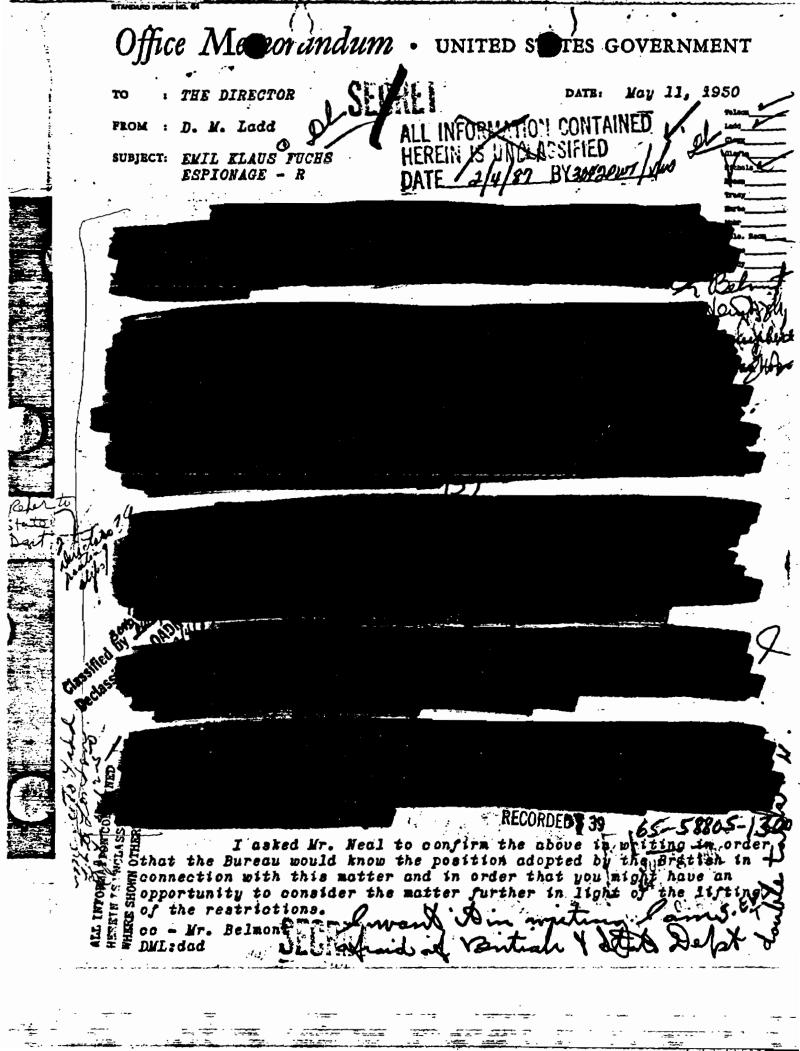
(DE 65-2214)

REFERENCES:

Report of STANLEY F. FEWSTER, April 7, 1950, at San Francisco, California

New York letter, May 23, 1950.

Washington Field letter, May 29, 1950.



OFFICE OF DIRECTOR, FEDERAL BUREAU OF INVESTIGATION

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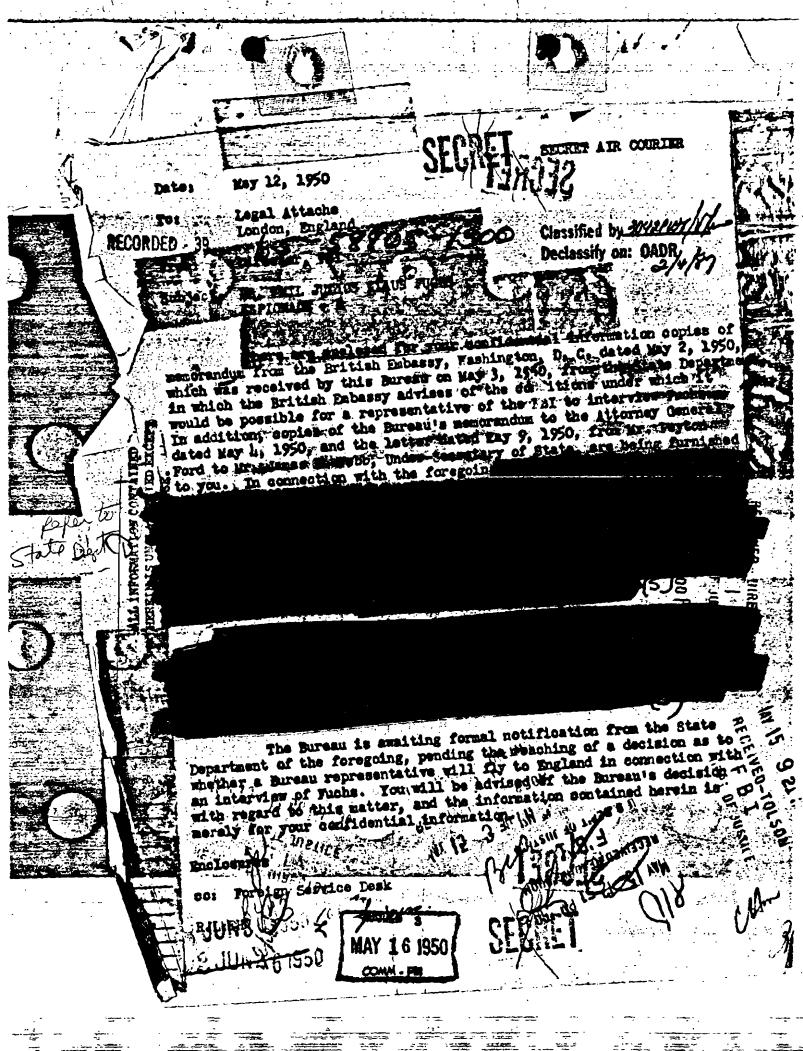
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OFFICE OF DIRECTOR, FEDERAL BUREAU OF INVESTIGATION

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F.O.I.A.

JULIUS ROSENBERG ET AL

FILE DESCRIPTION

Ha FILE

SUBJECT Klaus Fuchs

FILE NO. 65-58805

VOLUME NO. 35

SERIALS

1301

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FBI/DOJ

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£	File No: 65 -	58805	Re: NAUS fuchs			Date:
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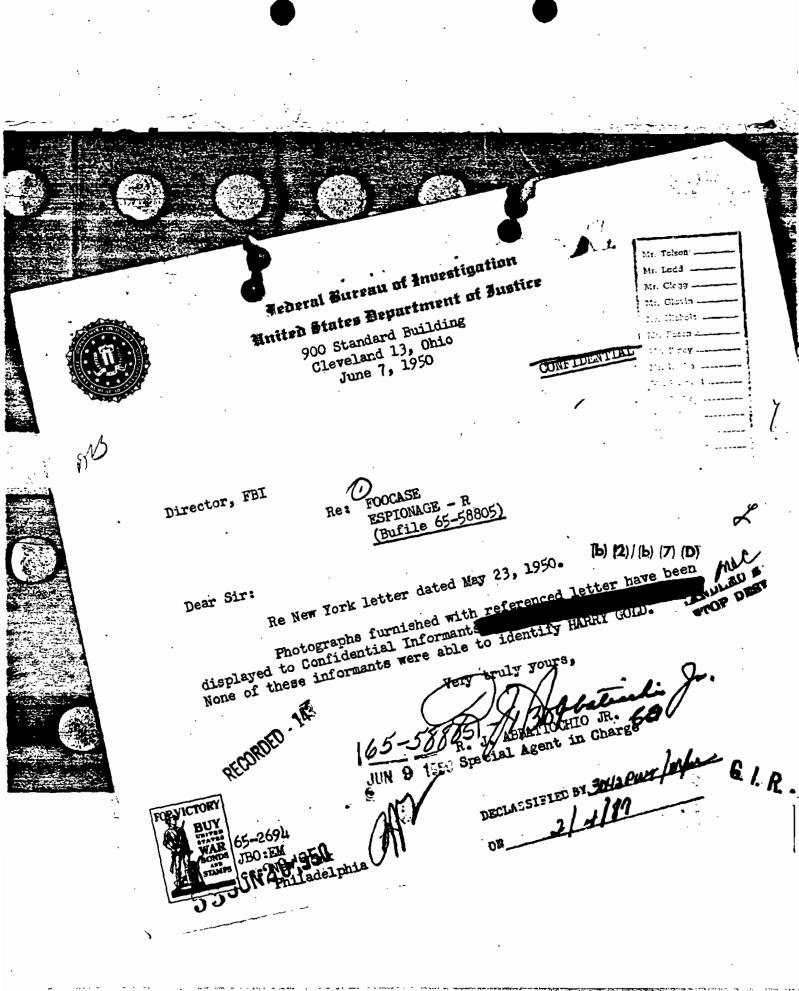
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FBI/DOJ



Office Memorandum • United States Government

TO , MR. HENNRICH

MR. LAMPHERE 317

SUBJECT:

FÓOCASE

ESPIONAGE - R

TOP DATE: May 12, 1960

There follows herewith the contents of a memorandum prepared by
the Security Division of the AEC and received from them on April 26,
1950, by Special Agent C. W. Bates. In the memorandum attention is
drawn to the fact that a question was asked of Fuchs by his Soviet
espionage contact prior to his coming to the United States concerning
the electro-magnetic method. Hemes of various persons who have worked
in the United States on the electro-magnetic method were set forth, with
particular attention being directed to William Mooney Woodward. Another
individual who apparently worked on this matter was B. Peters, who probably
is identical with Bernard Peters, who also has been a subject of investigation
by this Bureau, as has Woodward:

"Reference is made to a letter from the FBI, dated March 2, 1950, setting forth,"

1 (15)

"According to the 'Smyth Report,' the construction of an electromagnetic separation plant at Cak Ridge was authorized by General Groves on Movember 5, 1942. The electro-magnetic separation plant was the responsibility of six major groups. The Radiation Laboratory at the University of California was responsible for research and development; The Westinghouse Electric and Manufacturing Company for making the mechanical parts; the General Electric Company for the electrical equipment and controls; the Allis Chalmers Company for the magnets; the Stone and Webster Engineering Company for the construction and assembly; and the Temmessee Eastman Company for operation.

ALL INFORMATION CONTAINED

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ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE.

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RMsho M 65-58805 2100-205953 (Bernard Peters) 100-544135 (William Mooney Woodmard)

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"It is pointed out in the 'Smyth Report' that the possibility of large scale separation of the uranium isotopes by electro-magnetic means was suggested in the Fall of 1941 by Dr. E. O. Lawrence of the University of California and Dr. H. D. Smyth of Princeton University. At the Radiation Laboratory, University of California, Dr. Lawrence mobilised his group and began to call in others to help. Among those initially at Berkeley were D. Cooksey, P. C. Albersold, W. M. Brobeck, F. A. Jenkins, K. R. MacKenzie, W. B. Reynolds, E. H. Sloan, F. Oppenheimer, J. G. Backus, B. Peters, A. C. Helmholz, T. Finkelstein, and W. B. Parkins, Jr. Dr. Lawrence called back some of his former students, including R. L. Thornton, J. R. Richardson and others. Among those working at Berkeley for various periods were L. P. Smith from Cornell, E. U. Condon and J. J. Slepian from Westinghouse, and I. Langmuir and K. H. Kingdon from General Electric. During this early period, J. R. Oppenheimer was still at Berkeley and contributed some important ideas. In the Fall of 1943, the group was further strengthened by the arrival of a number of English physicists under the leadership of M. L. Oliphant of the University of Birmingham. (2)/(4)

With respect to the research work on the electro-magnetic separation process conducted at Princeton, the following is noted (2)

"It was learned that one William Mooney Woodward was associated with Princeton University during the time the University was doing early research on the electro-magnetic process. It is understood that his activities at that time caused some concern among the officials directing the research. There was a feeling that the information Woodward obtained may not have been properly protected although nothing specific with respect to Woodward's activities was called to the writer's attention.

On checking Woodward's participation in the United States atomic energy program, Sidney Newburger, Jr. of the Los Alamos Security Office reported in part as follows:

"William Mooney Woodward was employed on the OSRD Project at Princeton, New Jersey, as a physicist from December, 1941 to April, 1945. He was a graduate student at Princeton from Pebruary, 1941 to December, 1941. The Los Alamos file shows a direct hire by J. R. Oppenheimer for employment at Los Alamos. He was employed at Los Alamos from approximately June 28, 1945, to November 30, 1945 as associate scientist, P Division. He was released to accept a position at MIT.

129 CW)



"An applicant investigation was conducted by the FBI on William Mooney Woodward, No. 36103, for employment at Brookhaven. A completion letter was received from the Bureau dated September 11, 1947. Woodward was not granted clearance according to the Personnel Clearance Records.

Moodward had a consultant contract with Brookhaven June, 1947 to December 51, 1947, but had no access to restricted data. He attended one meeting at Brookhaven in 1947 (unclassified). Brookhaven didn't renew the contract with Woodward.

RECOMMENDATION

It is recommended that no further action be taken with respect to this matter in connection with the Poocase. However, it is felt that copies of this memorandum should be filed in both the Woodward and Peters files. Classify on: OADR B. J. with in another Declassify on Deputy of se.

Reference is made to a letter from the FBI, dated March 2, 1950, setting forth

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(b)(i)

A start

According to the "Smyth Report", the construction of an electromagnetic separation plant at Oak Ridge was authorized by General Groves on November 5, 1942. The electro-magnetic separation plant was the responsibility of six major groups. The Radiation Laboratory at the University of California was responsible for research and development; The Westinghouse Electric and Manufacturing Company for making the mechanical parts; the General Electric Company for the electrical equipment and controls; the Allis Chalmers Company for the magnets; the Stone and Webster Engineering Company for the construction and assembly; and the Tennessee Eastman Company for operation.

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It was learned that one William Mooney Woodward was associated with Princeton University during the time the University was doing early research on the electro-magnetic process. It is understood that his activities at that time caused some concern among the officials directing the research. There was a feeling that the information Woodward obtained may not have been properly protected although nothing specific with respect to Woodward's activities was called to the writer's attention.

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An applicant investigation was conducted by the FBI on William Mooney Woodward, No. 36103, for employment at Brookhaven. A completion letter was received from the Bureau dated September 11, 1947. Woodward was not granted clearance according to the Personnel Clearance Records.

Me attended one meeting at Brookhaven 1947.

(unclassified)

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IN REPLY, PLEASE REPER TO FILE No. ___65-2060__

Anited States Department of Justice

Rederal Bureau of Investigation Indianapolis, Indiana June 9, 1950

	Mr. Posts
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	Mr. Belmagi
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CONT. THE WATER

Director, FBI

RE: FOOCASE ESPIONACE - R (Bufile 65-58805)

Dear Sir:

Relet dated May 21, 1950/at New York.

Photographs of HARRY GOLD were exhibited to Confidential.
Informants and an of the Indianapolis
Office with negative results. These informants were
selected as being most likely to know an individual
connected with instant activities in the Indianapolis (b) (2)/(b) (7) (D)
Division.

RUC.

Very truly yours,

Hy Jostenk

H. G. Foster

Special Agent in Charge

CWG:bk co - New York (65-15136) Philadelphia 65-2060

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Rederal Bureau of Investiga

United States Department of Justice San Diego, California June 9, 1950

ATRMATL

DIRECTOR, FBI

ESPIONAGE -(Buresm file 65-58805)

Dear Str:

Re New York letter to the Bureau dated May 24, 1950 enclosing copies of recent photograph of HARRY GOLD who was arrested May 23, 1950 in Philadelphia, Pennsylvania, by Bureau agents, on a charge of conspiracy to violate the Espionage Statute.

Photographs of GOID were exhibited to Confidential Informants and Sources of Information in the San Diego Division and no information was received relative to HARRY GOLD.

Very truly yours

E.C. RICHARDSO

was idk 65-1600

cc: New York (65-15136) Philadelphia

53 JUN 22 350

Office Memorand m . UNITED STATES GOVERNMENT

DIRECTOR, FBI

DATE: June 8, 1950

MINAGE

SAC, SAN FRANCISCO

ANSI

SUBJECT: FOOCASE

ESPIONAGE - R (Bufile 65-58805)

Re New York letter to Bureau, dated 5/23/50 with instructions to exhibit photographs of HARRY COLD to individuals listed in SAC letter, dated 5/4/50, captioned "Espionage and Internal Security Investigations." PAUL CROUCH is an individual so listed.

Officials of the Immigration and Naturalisation Service, San Francisco, save advised that CROUCH left Los Angeles, California on June 2, 1950 for Seattle, Jashington, where he will testify for that service. Seattle is requested to coate CROUCH through the local office of I&NS and exhibit instant photographs, is requested in referenced letter. New York is origin. RUC

GTiDVB 5-4149 c: Seattle (AMSD) New York (65-15136) (AMSD)

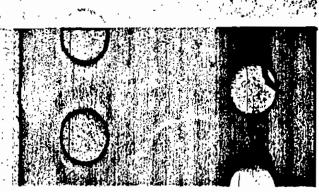
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FEDERAL BUREAU OF INVESTIGATION

HIS CASE ORIGINATED AT	NEW YORK		FILE NO. 65-4	149
SAN FRANCISCO	JUN 2 - 1950	PERIOD FOR WHICH MADE 4-21,24,5-1, 12,15,19,24-50	REPORT MADE BY KEITH G. TEETER	js
EMIL JULIUS KL	AUS FUCHS, WAS.		CHARACTER OF CASE ESPIONAGE - R	
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SYNOPSIS OF FACTS	i	ADMINISTRATIVE		
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to Carmel in t	and her family and he fall of 1950.	re presently in Euro He stated that the	Mails, advised that ope and expect to re- oir forwarding addre- Francisco, Californ	turn ss is
	AT SAN FRANCISCO	CALIFORNIA:		
in Europe. Mr to England abo	family and Mrs.s. BOPST at the put July 10, 1950. NT, Wingham Well	BOPST's father, DOU present time is in F She can be reache House, Wingham near OMPLETION TO THE OF		sently urn
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PROPERTY OF FBI . This confidential report and its contents are loaned to you by the FBI and and to be distributed outside of agency to which loaned.

SF 65-4149

ADMINISTRATIVE

LEADS

THE NEW YORK OFFICE

At New York City, New York:

Will arrange for the interview of Mrs. ELSBETH BOPST by the Bureau's representatives in England if such interview is deemed advisable. If such interview is not considered necessary, New York should request San Francisco to interview Mrs. BOPST upon her return to Carmel, California, in October, 1950.

REFERENCE: Aer

report of Special Agent J. JEROME MAXWELL dated 5-3-50 at Albuquerque.

MEMORANDUM FOR THE ATTORNEY GENERAL

RE: ENIL JULIUS KLAUS FUCHS
ESPIONAGE - R

I would like to strongly urge that you make every possible effort to obtain from the Thite House the source of the information furnished to the White House concerning the fact that there was an arrest imminent in connection with the case of Emil Julius Klaus Fuchs. I feel that it is imperative to have this information inasmuch as such a leak of information seriously imperils the operations of this Bureau. The information concerning Harry Gold was known to only a very limited number of high officials in the Bureau and such a leak naturally causes concern with reference to the integrity of our own staff. In addition, the premature leak of this information has prohibited this Bureau from developing all angles in connection with the Fuchs case, as I had desired to do. Gold was deoperating and was willing to continue to furnish information which might have permitted the further development of this case had it not been necessary, as a result of the premature leak, to proceed immediately with the arrest of Gold.

The view of the above facts, I am sure that you con realize why I consider this matter so serious and I again strongly urge that every effort be made to obtain this information through the White House.

MAY 24 1950

MAY 24 1950

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FEDERAL BUREAU OF INVESTIGATION FOIPA DELETED PAGE INFORMATION SHEET

	Page(s) withheld entirely at this location in the file. One or more of the following statements, where indicated, explain this deletion.
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	Information pertained only to a third party with no reference to you or the subject of your request.
	Information pertained only to a third party. Your name is listed in the title only.
	Documents originated with another Government agency(ies). These documents were referred to that agency(ies) for review and direct response to you.
	Pages contain information furnished by another Government agency(ies). You will be advised by the FBI as to the releasability of this information following our consultation with the other agency(ies).
2_	Page(s) withheld for the following reason(s): Outposition of document - Sold 65-57449-193
	For your information:
	The following number is to be used for reference regarding these pages: $65 - 58805 - NR 5/28/50$

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FOR INSPECTOR CECIL N. BAYFIELD]

June 1, 1950 1 4

RE. BOIL JULIUS KLAUS JUCIE, WAS JULY

You will so doubt be interested in information concerning
Marry Gold who has been identified as the individual who received atomic
information from Br. Fuchs in the United States for transmittal to the
Seviet Bulen.

Marry Gold was born December 12, 1910, in Switzerland. In 1914 he came to the United States with his parents, San and Calia Goldwitchy, both of whom were born in Bussia. At the time of their meturalization as United States editions their name was changed to Gold. Earry Gold claims editionship by derivation through his parents. His mother is deceased. Burry Gold resides with his father and his brother, desembly at 6623 Hindred Street, Philadelphia, Pennsylvania (X)

Shortly after arriving in the United States the Gold Samily moved to Philadelphia, where, in 1929, Earry Gold because employed by the Pennsylvania Sugar Company in their laboratories. He centimed his employment with this company until about Pebruary 1946, at which time he because employed with A. Brothman Associates, Consulting Engineers, New York City. He left this firm in June, 1948. He presently is employed at the Philadelphia General Hospital and is a Civil Service employee of Philadelphia, Pennsylvania. At the hospital he is engaged in the laboratory deing research in connection with serious cardiac cases.

Beld received his education attending night school at the Brewel Institute, the University of Pennsylvania, and Columbia University. In 1938 he obtained leave of absence from the Pennsylvania Sugar Company to attend Invier University, Cincinnati, Chie, where he received a Bachelor of Science Degree summa sum laude in 1940./ Yill

Sold first came to the attention of this Bureau in connection with the activities of Abraham Brothman, concerning when Elizabeth 7. Sentley furnished information. In a signed statement dated Bovenber 30, 1945, Sentley advised that in about May, 1940, she was introduced to Brothman, where photograph she identified, by Jacob Solos, her Seviet copionage superior.

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She stated that Gelos told her that Brothman would furnish her with cortain blueprints. Following that she not with Brothman about tem times in the summer of 1940 until the fall of that year, and obtained blueprints from him for Gelos. She said that in the fall of 1940 Gelos claimed to have become disgusted with Brothman and told her he was turning Brothman ever to someone else. W (V)

As a result of this information an investigation of Brothman was conducted, which resulted in an interview of Brothman on May 29, 1947. At first Brothman denied recognizing the name or photograph of Goles. Byon being shown a photograph of Bentley, which he identified as a person whom he knew as "Belen," he then admitted that he did recognize the photograph of Golos. (X)

Brothman related that some time in 1938 or 1939 Golos had se to his office at 114 East 32nd Street, New York City, and advised Brothman that he had contacts with the Russian Government, by reason of which he was in a position to obtain contracts from that government for Brothman if Brothman would turn over to him blueprints of certain products on which Brethman was working at the time. Brothman advised that the blueprints in question were his own property. He said Golos visited his effice on several occasions thereafter until Colos introduced him to "Helen." Golos advised that "Helen" would thereafter obtain the blueprints. Welen" visited Brothman's effice over a dozen times during 1938, 1939, and 1940. Some time in 1940 she stopped coming and enother individual named Harry Gold appeared at Brothman's effice and said that he represented Golos. Thereafter Gold visited Brothman's office on a number of occasions during 1940 and 1941, and obtained blueprints from Brothman. He said the last time Gold picked ap the blueprints, according to the best of his recollection, was late in 1941 or early 1942. He was emphatic in stating that Gold was the last individual to pick up any blueprints or material for Colos. He stated that Harry Cold was, at the time of the interview, namely May 29, 1947, employed by him as a chemist in his laboratory at Elaburat, Long Island. A signed statement to this effect was obtained from Brotiman.

Spon receiving the information about Gold from Brothman, Gold was interviewed the same day at A. Brothman Associates Laboratory, 8503-57th Avenue, Elmhurst, Long Island. Gold related in substance that he had met dated Golds in October, 1940, at a meeting of the American Chemical Society at the Franklin Institute, Philadelphia. At this time Golds propositioned to the Franklin Institute, Philadelphia. At this time Golds propositioned Gold, saying that he had connections with individuals in a foreign country, not making the country, and also had connections with Abraham Brothman in

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See York who was terming ever certain blueprints. Golos told Gold that he required the services of a chemist to go to New York City, ebtain the blusprints from Brothman, and then evaluate them on a chemical besis. Gold stated that about two weeks after this, in Movember, 1940, he contested Brothman in New York City and introduced himself as a representative of Colos. For the mext six menths he made visits to NewYork City on the average of every three weeks to obtain bineprints from Brothman. He said that during this period he received four or five telephone calls from Golos, who always stated that they would have to get together very soon, but that actually this never happened. He said the last telephone call from Colos was in May, 1941, after which time he had no further word from Golos. So denied that he ever had seen Golos except on the occasion when he met him in October, 1940. Gold elaimed that after his second or third trip to New York City Brothman became . friendly and exhibited an interest in Gold's career as a chemist. He said that ever since that time Brothman had been interested in having Gold join Brothman's organisations, but that it was not until Pebruary, 1946, that he could see his way clear to accept such employment, which he did at that time. Gold denied any financial agreement with Golos, and claimed he never received a cent from Golos. He insisted that he stood the expenses for the trips to New York City on the first two occasions, after which Brothman became friendly and furnished him a five-dollar bill to eover expenses. A signed statement to this effect was obtained from Goldi 🕡 🖟

On July 22 and 31, 1947, Abraham Brothman and Barry Gold, respectively, were called before the Federal Grand Jury, Southern District of New York. Both testified in substance before this Grand Jury to that which they had furnished on interview. The investigation of the Grand Jury concerning the shanges of Elizabeth T. Bentley culminated in the finding of a "no bill."

After extensive and intensive investigation which developed information indicating that Marry Gold was very probably the United States contact of Emil Julius Klaus Fuchs, he was interviewed at Philadelphia, Pennsylvania, and on May 22, 1950, he furnished a signed statement admitting espionage activity. He admitted that he began the procurement of industrial information for the Soviet Union in the Fall of 1936, and continued this activity until 1943, except for the period from 1938 to 1950 while he attended Lavier University in Giacinneti, Chio.



Gold advised that very early in 1944 his then superior made arrangements for him to meet Dr. Klaus Fuchs in New York City. This first meeting occurred on a Saturday afternoon in February or March, 1944, on the East Side of Manhattan, from where they took a cab uptown to a restaurant around Third Avenue in the 50's, possibly Manny Wolf's Restaurant. Following the dinner they walked about and completed arrangements for further meetings. Gold recalled the arrangements for actual recognition to be that he was to earry a pair of gloves in one hand, plus a green-covered book, while Fuchs was to earry a handball. We introduced himself as "Raymond" and Fuchs introduced himself as Klaus Fuchs. He said that Fuchs never used the name "Raymond" because he knew it was fictitious.

At this first meeting no written information was passed, but Fachs revealed that he was with the British Mission working with the Manhattan Engineer Project. He told Gold that the British Mission was working on the separation of isotopes, and Gold believes there was at least implied the eventual utilisation of the energy produced by nuclear fission in the form of a weapon. Following this, Gold had about four meetings with Fachs in the Bronx, Brooklyn, Manhattan, and Queens. Buring at least two of these meetings Fuchs furnished written information to Gold, who thereafter delivered it to his superior, "John." He said that he had taken a brief glance at the material on one occasion and found it to consist of a number of folded shoets of paper containing mathematical equations which seemed to concern mathematical derivations.

Cold further savised that he lost contact with Fuchs when Fuchs failed to keep a meeting in Angust, 1944. He stated that "John" obtained the information whereby he was once more enabled to contact Fuchs. "John" gave Gold the address of Mrs. Heineman in Cambridge, Massachusette, the mistor of Fuchs. As a regult of this, he met Fuchs at the Heineman residence shortly after Christmas Day, 1944, or early in 1945. At that time Fuchs told him that he was at Los Alamos, New Mexico, a short distance from Sants Fe. Fuchs also gave him written information at the time and the two made an arrangement to meet in June of that year in Santa Fe. Gold stated that on this occasion he had been given a sum of approximately fifteen hundred dollars to offer Fuchs in a very diplomatic manner so as not to offend him. He said that Fuchs "turned it down cold." Gold returned to New York with the money and information which he delivered to "John. [X]

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Gold has further advised that he met Ruche in Santa Pe, New Mexico, in June, 1945, and again in September, 1945. On both of these occasions Fuchs farmished him with written information. He said that during the September, 1945, meeting Fuchs told him that he had been present at the initial large-scale trial of malear fission at Alemogordo probably would return to England soon, but that hy paying a call to Fuchs' sister he could ascertain just when. Gold said he made one or two attempts to see Fuchs again at the home of his sister, but was not successful. After the possible second attempt, which was either in late him superior, "John," and has not seen or heard from him since. (4) (4)

In connection with the current interview of Fachs in Lenden by Pepresentatives of this Bureau, still and movie photographs of Gold were surreptitiously obtained for display to Fachs. Previously, Fachs and Robert and Eristel Beinesan had failed to recognize a photograph of Gold. On May 20, 1950, Fachs was shown the new still photographs of Gold and he did not identify them, though he stated he could not reject them. We full

On May 22, 1950, Fache viewed three repeat showings of the moving pictures of Gold, after which he stated that Gold was very likely his contact in the United States. It is most interesting to note that this information was received by cable at 11:08 AM, while Gold had first admitted his aspicange activity to the interviewing agents in Philadelphia at approximately 10:45 AM the same day. (M) [44]

Commissioner for the Eastern Mistrict of New York, Brooklyn, New York, charging Barry Gold and "John" Doe with conspiracy to commit espionage on behalf of the Endon of Seviet Socialist Republics in violation of Section 32, Fitle 50, Enited States Code. A warrant was issued and Gold was thereupon taken before United States District Judge James P. McGranery at Philadelphia, Pennsylvania, for arraignment. Judge McGranery gave Gold the complaint to read and he admitted that he was the Entry Gold named in the complaint. A preliminary hearing was set for June 12, 1950, and beil remanded to the gustedy of the Enited States Marshal. (M)







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Office Memorandum • UNITED STATES GOVERNMENT

TO : Director, FRI

DATE: June 1, 1950

PROM : SAC, New York

SUBJECT: FOOCASE

ESPIONAGE - R

Re report of SA John R. Murphy, 5/10/50, New York, in captiened case.

Since HARRY GOLD has been identified as FUCHS! American contact and is now awaiting prosecutive action, the leads set forth in captioned case may be disregarded.

cc - Albuquerque - Airmail

- Baltimore
- Charlotte -
- Chicago -
- Cleveland 1
- Los Angeles | - Newark -
- New Haven -
- Philadelphia-
- Washington Field-Airmail
- 65-15324

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đ	The following number is to be used for reference regarding these pages: $\frac{65-58805-NR}{6/1/50}$





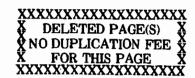


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SAC, Albuquerque

June 5, 1950

Mrector, III

POCCASE ESPICACE - R

Reference is made to the report of Special Agent J. Jerome Namell dated parch 14, 1950 at Albuquerque and Albuquerque letter of the same date.

It is noted that Jean Parks Harcson, a teacher in the Los Alamos schools, is probably identical with Jean Parker who was reportedly friendly with Klaus Fuchs while he was in Los Alamos. You are authorized to interview Hereson to determine if she is identical with Jean Parker and to obtain from her all information in her possession concerning Fushs.

The Washington Field Office is also authorised to interview Ann Tilghman Wilson who was reportedly also friendly with Fuchs while he was at Los Alsos.

It is not desired that Jordan Cason Mark be interviewed at the present time as previously suggested by the Albuquerque Office because of his association with various scientific organizations and with individuals who have been reported as sympathetic to Communism.

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No identifiable references in Bufiles

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Office Memorandum • UNITED STATES GOVERNMENT

/ TO Director, FBI

DATE: 6-8-50

FROM SAC, St. Louis

SUBJECT: FOOCASE

ESPIONAGE - R Bureau file 65-58805

Re New York letter to Bureau May 24, 1950.

The photograph of HARRY GOLD will not be exhibited to any St. Louis informants or sources of information inasmuch as it is not believed that any of these informants or sources would have been in a position to have been acquainted with GOLD.

HKM:ma 65-1537

2cc: New York (65-15136) (AIR MAIL)
Philadelphia (AIR MAIL)

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to, CHOHONA

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SLC, New York June 6, 1950 Director, FRY ESPICHAGE -For your further assistance in connection with the captioned and for the completion of your file, there are attached for each office two copies of the following: 1. A letter from the Legal Attache in London to the Bureau dated April 12, 1950. associandum setting forth questions to be asked of Pochs A list of documents in the possession of Fuchs at the time of his arrest on February 2, 1950. Undated memorandum setting forth Punha! answers to 5. A memorandum dated April 5, 1950, setting forth inf tion from Fuchs concerning his family. , reconded - 24 165 588-05 Derig 160 **ALL INFORMATION CONTAINED** HEREIN IS UNCLASSIFIED 82 BY 3040 PUT HE Obal who CEMEDALTIT BU My 6 434 Fil "5. EN ET

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