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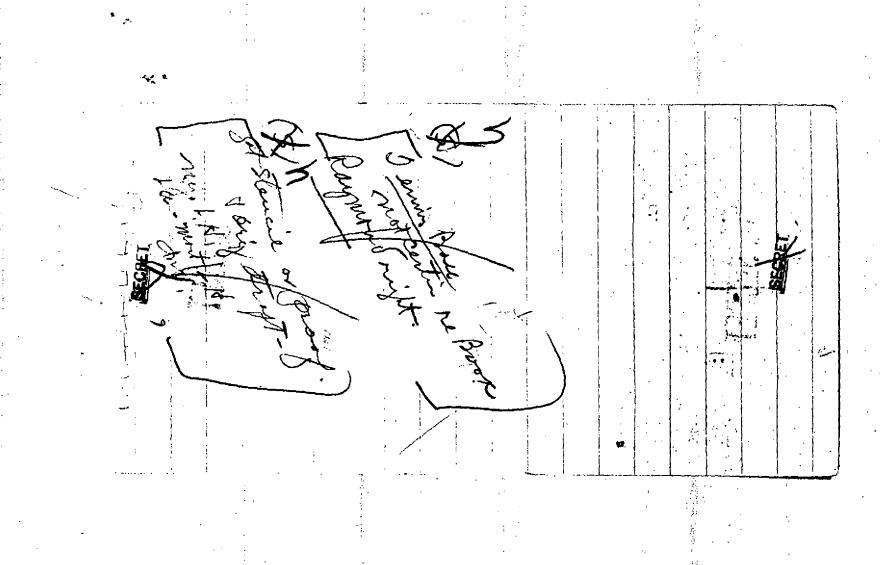
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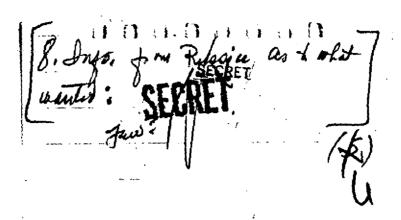
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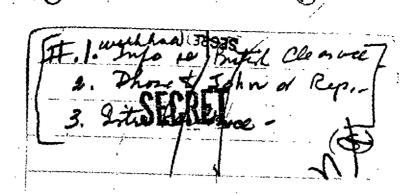
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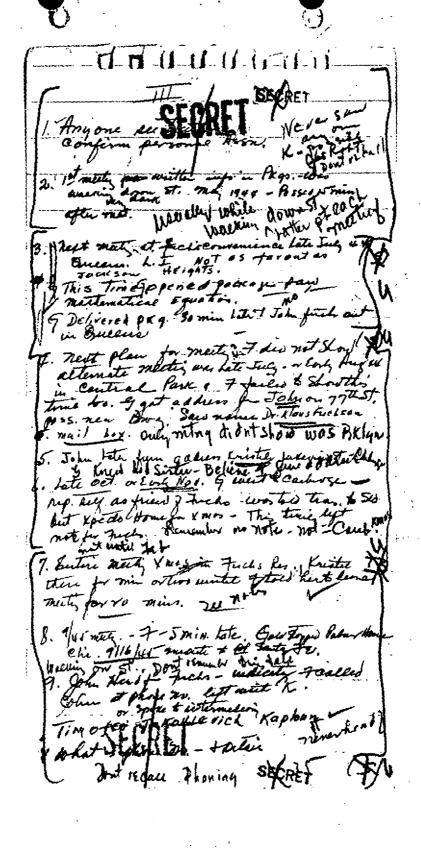
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Date: July 14, 1950

20: Logal Attache

John Edgar Hoever, Director Pederal Bureau of Investigation

Subject: FOCCASE
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Enclosed berewith for insertion in your copy of the brief in this case are the following new and revised pages:

Cover Page
Pages 2, 3 and 5 (unnumbered) of the Table of Combents
Pages 1, 4e, 4f, 4g, 6, 9
1ls, 11 L, 1lm and 1lm
17, 17a, 22, 22a and 5, 27,
52, 35, 36, 36a,
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34e, 84f, 86, 86a, 86a through 86f,
107e through 107 L,
111, 113, 113a,
123, 124, 141 through 145h,
147 through 167 h,
150 through 156q,
162 through 176,
15 unnumbered pages (containing Thems 19,28 to 56)

to be added to Dissemination Section, Complete New Index, Exhibits 10, 11, 12.

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SUBJECT: KLAUS FUCHS

FILE:

65-58805

SECTION: 39

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BATE: September 16, 1950

10: Legal Attache London, England ALL INFORMATION CONTAINED
HEREIL & UNILLASSIFIED PERCENTS FOR 15-1121
BATE-POLICY STATES FOR 15-1121

FROM:

John Miger Hoover - Director - Federal Bureau of Investigation

SUBJECT: FOO CASE ESPIONAGE - R

The brief in this case has recently been revised and accordingly, you should bring your copy up-to-date in line with the following:

(1). The following pages should be deleted from your copy of the brief as it now stands and destroyed: 4E, 4F, 4G, 141, 146, 147E, 147C, 147E, 148, 150, 151A, 151B, 151C, 151J, 152, 153, 156, 157, 158, 160 thru 163, 165 thru 168, 170, 171, 172, 174, 175, 176.

(2). The following pages in your brief should be remusbered as follows: Change 147 to 216, 1474 to 217, 1470 to 222, 147E to 223, 147F to 224, 1470 to 225; 151 to 167, 1510 to 172; 151E to 173; 151F to 174, 151G to 175, 151H to 179, 151I to 183, 151K to 200, 151L to 201, 154 to 147, 155 to 148; 1554 thru P to 149 thru 164, 159 to 232, 164 to 250, 169 to 246, 173 to 257.

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Enclosed herewith are the following new pages for insertion in the bridge, Table of contents consisting of Six pages, page 3, 4E, 4F, 40, 4E, 11N, 110, 32, 33, 52, 860 thru 86E, 117, 133, 141, 141E, 145E, 145I, 185, 165, 166, 165, 171, 176 thru 175, 180 thru 182,

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184 thrusses, the third 215, 218, 220, 221, 226, 2264; 250, 227 thru 231, 233 thru 245, 247 thru 254, 256 thru 2728, 273 thru 254 discontinution items numbered 28, 23, 35, 36 of San 99 and exhibit 13.

(4). On page 1470 the first cull paragraph begins
the June 10, 1989, Mais date should be changed
to June 9, 1950.

A new index will be furnished you in the near fature.

SUBJECT: KLAUS FUCHS

FILE:

65-58805

SECTION: 41 + Part 14 2
of Buky 1494X

Memorandum UNITED STATES GOVERNMENT ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT DATE: February 12, TO : The Director Where shown otherwise. Mr. D. M. Ladd SUBJECT FOOCASE ESPIONAGE - R Declassify (PURPOSE: DECLASSIFY ON: 25X To furnish you with the amended brief in this case covering the investigations of Klaus Fuchs and Harry Gold. bearded gut appropriate that Info. In Attention is directed testhe fact that considerable inforthis brief. As you know, this information has not been given any dissemination by us, having been received under agreement that it will not be disseminated. There is also contained in the brief highly classified information relating to atomic energy developments. This brief has been broken down for convenience following main headings: into the Summary of Facts. Jurisdiction, Collaboration with the Fuchs' Background, Relatives, Activities, Prosecution II. Facts Concerning American Espionage Contact III. Investigation Preceding Identification of Harry Gold IV. Fuche' Scientific knowledge and Disclosure to Russians r. Fuchs' Espionage Contacts Outside the United States VI. VII. Identification of Harry Gold Cols and Prosecution Gold's Espionage Associates VIII. RECORDED - 77 II. Dissemination 16 AUG 2 1956 33 23 INDIEXED ! IN Exhibits

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In the part of Section I entitled "Collaboration with MI-5," only that information dealing with the over-all aspects of our collaboration has been set forth. Incidents such as the Lord Portal affair were not set forth and distorted press accounts dealing with alleged activities of FBI agents in Britain which have no basis in fact, have been ignored.

Section IV dealing with "Investigation Preceding the Identification of Harry Gold as Goose' has, of course, been (1) summarized to a considerable extent. However, an effort was made to indicate the scope of our investigative efforts and to show the information which led us to concentrate on Abraham Brothman and his associates which led to the conclusion that Goose' has probably Harry Gold and, of course, Gold's ultimate identification as Goose. How will note that the interviews with Gold, Brothman, and Brothman's associates are reported in Section VII, together with background information concerning Gold and recent developments.

Section II, dealing with "Dissemination", does not itemize the transmittal of all reports to the Department for prosecutive purposes as this is done as a matter of course.

It is pointed out that this brief covers the principals, Klaus Fuchs and Harry Gold. Separate investigations have been or are being conducted concerning all known espionage contacts of Harry Gold in the United States, and of these, Abraham Brothman, Thomas L. Black, David Greenglass and Alfred Dean Slack are the subjects of separate individual briefs.

ACTION:

None. The attached brief is for your consideration and use as a summary on this case.



SUMMARY BRIEF ON

DRIBERTL JULIUS KLAUS FUCHS

65-58805-1494X Bulky

(Fuchs)

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CLASSIFIED DECISIONS FINALIZED BY DEPARTMENT REVIEW COMMITT DATE: 1-9-97 February 12, 1951 BRIEF ON EMIL JULIUS KLAUS FUCHS, was. Espionage - R (Bureau File 65-58805) and marked accordingly: EP6AC/JS 7/5/91 CAH 75-1121 Pages 1+3, under Table 3 contents Pages 1, 4a, 49, 13, 30, 53, 54, 55, 693, 63, 64, 65, 66, 67, 68, 68, Espionage - R DBY 554 5668 SLD/JAC 71, 72, 75a, 756, 117, 125, 127, 128, 263a, 350, 354, 367, 374. (Bureau File 65-57449) DECLASSIFY ON: 28X bl (75-1121 JLG) FORE GO GOUT. THIS BRIEF CONTAINS INFORMATION FROM WHICH IS RECEIVED UNDER AN AGREEMENT THAT IT WILL NOT BE DISSEMINATED. THERE ALSO APPEARS INFORMATION CLASSIFIED TOP SECRET EITHER BY THE ATOMIC ENERGY COMMISSION OR BY THE BRITISH AUTHORITIES.) 7/31/96 alay pages 355, 357, 358, 364, 366,

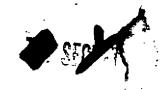


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X. EXHIBITS

- A. Exhibit 1.
 - 1. Page from Israel Halperin's Notebook
- B. Exhibit 2
 1. Letter dated December 10, 1943, to Professor J. Chadwick,
 Washington, D.C., from W. A. Akers, British Ministry of
 Supply Mission, New York City, and letter dated December 11,
 1943, from W. L. Webster, British Supply Council in North
 America, Washington, D. C., to General L. R. Groves, reflecting that in England Fuchs had undergone a "Special
 Clearance" for atomic energy work.
 - Exhibit 3
 1. Letter dated October 22, 1947, from L. G. Raife to Mr. Carroll L. Wilson, General Manager, U. S. Atomic Energy Commission, requesting clearance of Fuchs to visit Chicago University (Argonne National Laboratory).
 - D. Exhibit 4
 1. Letter dated November 7, 1947, from Carroll L. Wilson, Atomic Energy Commission, to Mr. L. G. Ralfe, British Commonwealth Scientific Office, Washington, D.C., granting clearance for Fuchs to visit Chicago University.
- E. Exhibit 5

 1. Memorandum dated August 6, 1947, from D. Dean to T. O. Jones, approving clearance for Fuchs to attend Declassification Conference at Washington, D. C.

 F. Exhibit 6
 - Exhibit 6

 1. Memorandum from C. A. Rolander, Jr., to Admiral Gingrich (dated January 12, 1949,) with attachment concerning the British Mission that participated in the atomic energy program under the Manhattan Engineer District from 1943 to 1946, and the degree of access had by that Mission.
 - 1. List of technical meetings attended by Fuchs while at Los Alamos.

 H. Exhibit 8

 List of Reports prepared by Fuchs w/ (*)
 - 1. List of Reports prepared by Fuchs. \(\(\mu \) \)
 1. Exhibit 9
 - 1. Letter from Francis Hammack, Atomic Energy Commission, dated
 May 19, 1950, transmitting portions of a report evaluating
 information passed to the Russians by Fuchs.





J. Exhibit #10 Declars on DOE lette 8/8/89

1. List of some of the reports prepared by Fuchs personally or in collaboration with other scientists while working under the Manhattan Engineer District, on which notes have been placed by Fuchs indicating whether or not the reports were furnished to the Russians.

K. Exhibit #11

1. Signed statement of Fuchs dated May 26, 1950, (does not include technical data).

L. Exhibit #12

1. Signed statement of Fuchs dated May 26, 1950 (includes technical data).

M. Exhibit #13

1. Signed statement of Gold dated July 10, 1950, concerning activities with Fuchs.





I. Summary of Facts, Jurisdiction, Collaboration with British.





A. SYNOPSIS OF CASE

Anformation from reflects that one Rest had furnished a document to the MGB on June 15, 1944. This document, through Bureau investigation, was identified as MSN-12 and was entitled "Fluctuations and the Efficiency of a Diffusion Plant, Part III. The author, was K. Fuchs. Other information from reflected Best was a British scientist and had a married sister living in the United States. On the basis of the foregoing, this scientist was tentatively identified in September, 1949 as Emil Julius Klaus Fuchs, born in Russelsheim, Germany, on December 29, 1911. Fuchs was educated at a secondary school at Eisenach, and later at Leipzig and Kiel Universities until the spring of 1933. According to a signed statement of Fuchs dated January 27, 1950, his father, Dr. Emil Fuchs, was a parson who belonged to the Sovial Democratic Party in Germany. At the University of Leipzig, as a student, Fuchs joined the S.P.D. (Social Democratic Party) and was active in student politics. (Spring 1930-Fall 1931) Later, Fuchs went to Kiel University in the Fall of 1931, and after Hindenberg became chancellor, Fuchs broke with the S.P.D. and became an open Communist. With the burning of the Reichstag, Fuchs reportedly, according to his statement, learned he was to be arrested and went into the underground Communist movement. He stayed in this movement until he left Germany, reportedly leaving Germany on the orders of the Communist Party to finish his education, as persons with technical knowledge would be needed after the Communist revolution in Germany. Fuchs, in his statement, sets forth that he then went to France and then to England.

According to information from MI-5, in July, 1933, Fuchs traveled from Berlin to Paris, and on September 24, 1933, arrived in Great Britain. He took up residence in Bristol in order to continue his studies at Bristol University. In 1937, he took his Ph. D. Degree at Bristol University. In September, 1937, he went to Edinburgh University where he had been awarded a research scholarship, working under Professor Max Born.

An internment file made available by the





According to information from MI-5. Fuchs was released upon the recommendation of the authorities at Edinburgh University in order that he might resume his research work. On Jarmary 11, 1941, according to MI-5, the arrived at Liverpeol from Canada, and then returned to Edinburgh, remaining there until May. In that month he moved to Birmingham, where he began research work on the atomic energy project under Professor Endolph Ernst Peierls. In May, 1942, his employers recommended that he should be granted British citizenship and on August 7, 1942, Fuchs received a certificate of naturalisation.

In his signed statement dated January 27, 1950, Fuchs stated that after his release from the internment camp he was asked to work with Professor Peierls in Birmingham on war work and that after starting this work and learning the purpose, he decided to inform Bussia, and established contact through a member of the Communist Party.

Fuchs has admitted continuing espienage activity for the Soviet Intelligence Service from 1941 to February 1949. Fuchs, in statements to Dr. Michael W. Perrin, atomic scientist connected with the British Ministry of Supply, detailed the nature and extent of the information furnished by him to representatives of the Soviet Government, including the complete "know how" of the Atomic Bomb and information on the Hydrogen Bomb. In the period 1942 to December 1943, Fuchs claimed to have supplied his contact only with work he himself had done, and this dealt with the basic theory and mathematical treatment of problems connected with the gaseous diffusion process for separating uranium isotopes, and concerned itself with separating and using pure uranium 235. Fuchs admitted giving his Soviet contact all reports that he himself wrote during this period. Fuchs also admitted that he did furnish his contact, in general terms, information regarding the Atomic Energy work being done in England.

On December 3, 1943, Fuchs entered the United States at Newport News, Viriginia, being paneled by Bureau agents. He went to New York City, where he was employed as part of a British Mission collaborating with the Manhattan Engineer District on the development of the atomic bomb.

During the period Fuchs was in New York City, from December 1943 to August 1944, he has admitted to Dr. Perrin furnishing to his new Soviet agent contact the general scale of effort of the American Atomic Energy program as he knew it at that time, and he provided technical information about the American gaseous plant. He furnished to his Soviet contact copies of all reports prepared by the British Mission carrying the serial designation MSN.





In August, 1944, Fuchs was transferred from New York to Los Alamos, arriving there on August 14, 1944. On February 11, 1945, Fuchs left there for a vacation with his sister, Mrs. Heineman, in Cambridge, Massachusetts. He returned to Los Alamos on February 25, 1945.

Fuchs has admitted that while in Los Alamos, he realised the full scope of the American atomic energy program and the importance of plutonium. While visiting in Cambridge in February, 1945, he wrote a report summarizing the whole problem of making the atomic bomb as he saw it at that time, including the detonation of the bomb, which he gave to his Soviet agent contact in Boston.

In June, 1945, Fuchs again met his Soviet contact in Santa Fe, New Mexico, and handed him a detailed report. This report fully described the Flutonium bomb which had been designed and was to be tested. He provided a sketch of the bomb and other technical features, including the detonation. Fuchs again met his Soviet contact in Santa Fe in the Fall of 1945, and furnished him with additional information regarding the work being done at Los Alamos, Mon June 16, 1946, Fuchs departed permanently from Los Alamos, traveling to Washington, and after a short visit with his sister in Cambridge went to Montreal, departing from there on June 28, 1946, for England by plane.

After his departure from the United States, Fuchs was assigned to the Atomic Research Plant at Harwell, England until his arrest on February 2, 1950. Fuchs made one trip to the United States in November, 1947, to attend a declassification conference in Washington and for discussions at Argonne National Laboratory, Chicago. While at Harwell, Fuchs has admitted furnishing additional information to his new Soviet contact concerning the Plutonium bomb, including the blast calculations of the Hiroshima and Nagasaki bombs. During 1947, he was asked for information concerning the "tritium bomb" (hydrogen bomb). He admits giving data concerning this to his contact. The questions asked of Fuchs by his Soviet contact during this period made him believe the Soviets had other sources concerning atomic developments.

On February 2, 1950, Fuchs was arrested and charged with violating the British Officials Secrets Act. He was arraigned on February 3, 1950, at the Bow Street Police Court. Fuchs was given a further arraignment on February 10, 1950, being committed for trial. On March 1, 1950, Fuchs was tried on four counts, plead guilty, and was sentenced to the maximum penalty of 14 years by the Lord Chief Justice of England, Lord Goddard.





On March 6, 1950, the Atomic Energy Commission was furnished with a copy of the statement given to Dr. Michael W. Perrin by Fuchs relating to the information which he furnished to the Russians. The Atomic Energy Commission was requested to furnish the Bureau any evaluation which the Commission might make of this statement.

On May 19, 1950, the Atomic Energy Commission furnished the Bureau with portions of a report evaluating the effect of Fuchs' disclosures on the Atomic Energy Commission declassification policy. This report indicated that it was concluded that some of the information furnished by Fuchs was largely theoretical and has since been declassified. It was concluded, however, that Fuchs turned over to the Russians very important information concerning weapons, and with regard to the Trinity (plutonium implosion) type weapon it was concluded that the essentials of the bomb in adequate detail were turned over either while Fuchs was at Los Alamos or later. It also appeared apparent that considerable information was given to the Russians regarding gum-type weapons.

The report discussed Fuchs' participation in work on thermonuclear weapons at Los Alamos, and a list of meetings attended by Fuchs in this regard was set forth. (This is believed to refer to the hydrogen bomb.) It is also concluded that Fuchs officially had little information concerning other phases of the project in the United States, and that regarding certain developments the Russians did not need information, either because of their own efforts or because they had other sources for information.

In subsequent interviews with Fuchs by Bureau representatives, Fuchs estimated that the Russian experiments were probably advanced by two years as a result of his information.

Fuchs stated that while in the United States he furnished information to only one person with whom he was in contact in New York in 1944, in Boston in February, 1945, and in Santa Fe in June, 1945 and later in the same year. He admitted being contacted by this American contact at the residence of his sister, Kristel Heineman, in Boston in February, 1945. The description of his American contact furnished by him was very similar to the description given by Kristel and Robert Heineman of the person who came to their residence inquiring for Fuchs, and who later met Fuchs there.

Intensive investigation was conducted in this case, the investigative steps being directed primarily toward the identification of Fuchs' American contact. Various investigative steps were taken, including an effort to identify





was allegedly preparing; attempts to locate the laboratory which Goose was allegedly preparing; attempts to locate the laboratory which Goose covering contemplated organizing; review of Security Index cards by offices covering possible residences of Gooses veriew of available hotel registrations in Santa Fe and Albuquerque, New Mexico, during the pertinent period; checking of travel records; investigation to locate and interview other tenants in the apartment house in New York where Fuchs resided prior to going to Los Alamos; the display to the Heinemans and Fuchs of the photographs from various intelligence albums, as well as those of other individuals, whose background and physical characteristics resembled those of Gooses and Investigation of Abraham Brothman who was mentioned in the photographs were displayed to the Heinemans and to Fuchs.

One suspect, Joseph Arnold Robbins (true name Joseph Regenstreich), was investigated because his name coincided with information from Robert (U) Heineman that Goose's him possibly started with the prefix Robe and his first name was Joseph. Fuchs made a tentative identification. Kristel and Robert Heineman stated definitely Robbins was not the man who came to their residence inquiring for Fuchs.

Intensive investigation of Abraham Brothman, and his associates, was initiated because of information from the fall of 1944, was in contact with Brothman who was, at that time, establishing a consulting chemical engineering laboratory in New York City. According to the same source, Goose, in October, 1944, was interested in (L) setting up a laboratory was a result of investigation and information appearing in Bureau files it was determined that Harry Gold, an associate of Brothman, was very likely identical with Goose.

Brothman previously was implicated in Soviet espionage by Elizabeth T. Bentley, who stated that through Jacob Golos, her espionage superior, she came in contact with Brothman in 1940 and he furnished her with blueprints. Brothman, in an interview on May 29, 1947, admitted furnishing the blueprints but claimed they were his property and he was attempting to obtain Soviet contracts. Brothman also admitted that after he ceased his contacts with Bentley he was in contact with Harry Gold and furnished blueprints to Gold, who Brothman said had introduced himself as a representative of Golos.

Harry Gold also was interviewed on May 29, 1947, and admitted serving as Brothman's contact under the direction of Golos. He contended, however, that he had only one meeting with Golos, namely, in July, 1940, at





a meeting of the American Chemical Society in Philadelphia. Although he admitted having made trips from Philadelphia to New York City approximately every three weeks for a period of six months, on each of which he secured blueprints from Brothman, he denied that he ever transmitted such blueprintsto Goloz or any other person on the latter's behalf, and furthermore insisted that he received no compensation whatsoever from Golos for this work. Gold declared that as a result of such contacts with Brothman, the latter became friends with him, urged him several times to take a position with the Brothman firm, and that in February, 1946, Gold in fact did assume full-time employment with the Brothman firm in New York City. Gold declared that the blueprints he received from Brothman related to designs for machinery used in the chemical industry, and claimed that he probably still retained some of them in his Philadelphia residence. He searched his residence on May 31, 1947, in the company of Bureau agents and after locating none of such blueprints, concluded that all of them had been destroyed when the Gold family moved to a different residence in 1944. Gold had contended to agents that he was introduced to Golos by Carter Hoodless, a fellow employee at the Pennsylvania Sugar Company, and that Hoodless had died in 1942. Investigation established that Hoodless had, in fact, died in July, 1942.

On July 31, 1947, Gold testified under subpoens before a Special Federal Grand Jury in the Southern District of New York. This Grand Jury was hearing evidence of alleged violations of Espionage and other Federal Statutes stemming out of the disclosures made by Elizabeth T. Bentley, and Messrs. T. Vincent Quinn and Thomas J. Donegan, who were handling the presentation of evidence to the Grand Jury, advised confidentially that Gold had testified to the same information as he had given agents on interview.

It will be noted that on June 5, 1947, there was displayed to Elizabeth T. Bentley a photograph of Harry Gold, and she was unable to effect an identification or to furnish any information whatsoever concerning Gold. After the admissions by Fuchs of espionage activity, a photograph of Gold was exhibited to Robert and Kristel Heineman, as well as to Fuchs, and none of them identified it.

By letter dated May 1, 1950, the Bureau issued instructions for simultaneous interviews of Abraham Brothman and six of his business associates, namely, Miriam Moskowitz, Jules Korohien, Oscar Vago, Gerhard Wollan, Emil Z. Barish, and Harry Gold. That series of interviews was commenced on May 15, 1950. With the exception of Gold, none of them admitted espionage activity. Brothman elaborated somewhat on the 1947 interview, but denied





any knowledge of espionage activity. Wollan, Moskowitz, Vago, Korchien and Barish furnished information concerning Brothman, Gold and business activities of the Brothman firm, but disclosed no information concerning espionage.

Upon being interviewed on May 29, 1947, Gold had stated he was born on December 12, 1910, in Switzerland, and that he had emigrated to the United States with his parents, Sam and Celia Gold, in 1914. He said that the family name was changed from Golodnitsky at the time of his parents' naturalization, and that he was a United States citizen through derivation. He also said that he attended public schools in Philadelphia, began employment as a laboratory assistant with the Pennsylvania Sugar Company in Philadelphia in 1929, continuing intermittently with that firm until February 1, 1946. Gold also declared that he had attended Drexel Institute and the University of Pennsylvania, both in Philadelphia, Columbia University, and Kavier University, Cincinnati, Ohio, receiving a B.S. Degree from the last-named institute, summa cum laude, in June, 1940. He described himself as a chemist and said that since February 1, 1946, he was employed as a laboratory chemist by Abraham Brothman in the latter's laboratory, 85-03 57th Avenue, Elmhurst, Long Island, New York.

Upon interview on May 15, 1950, Gold reiterated and elaborated upon his statements concerning the circumstances surrounding his meeting Jacob Golos and Brothman. He furnished detailed information concerning Brothman's business activities and said that he himself, in 1936 or 1937, became interested in developing a process of thermal diffusion and made a detailed study of the subject. He said that in 1946, when he assumed employment with Brothman, he took with him a brochure which he had prepared on a process of thermal diffusion, and it was ascertained that he had prepared that document for the purpose of presenting the practical aspects of such a process when applied to production. He also admitted that he always had desired to open a laboratory, but never had possessed sufficient funds.

Gold identified a photograph of Jacob Golos, as he had on May 29, 1947, and recognized a photograph of Elizabeth T. Bentley from having seen it in the press. After studying Fuchs' photograph for some time he commented "That is a very umusual picture; that is that English spy." He could not recognize a photograph of Joseph ArnoldRobbins. Interviewing agents noted that there was a close similarity between the physical appearance of Robbins and Gold.

Interview of Gold on May 19, 1950, consisted of obtaining from him his statements concerning trips he had made from Philadelphia commencing in December, 1940, which he said was the date of his initial meeting with Brothman.





He recounted details of several business trips made for his employer, the Pennsylvania Sugar Company, and a subsidiary of the latter, as well as an enumeration of the various times he saw Brothman in New York. He denied that he ever had been west of the Mississippi River. On this occasion he voluntarily turned over to agents his typewritten article on Thermal Diffusion, entitled "Thermal Diffusion - A Prospectus." Handwriting and handprinting specimens of Gold were obtained on this occasion.

Interview of Gold was resumed on the afternoon of May 20, 1950, but was very brief inasmuch as Gold said he was fatigued from interrogation the previous evening. Nothing pertinent was developed on this interview, but Gold agreed to a resumption of the interrogation on May 21, 1950, and to a search of his residence on May 22, 1950. On May 21, 1950, Gold discussed at length his interest in developing a process of thermal diffusion and said that if he had been able to establish the laboratory he desired, it would have been for the purpose of conducting research in that field. He declared he estimated it would cost approximately \$1,000 to set up such a laboratory. Motion pictures and additional still photographs of Gold were taken during the interview of May 21, 1950.

On May 22, 1950, a search of Gold's residence at 6823 Kindred Street. Philadelphia, was commenced by agents in Gold's presence and with his written permission at approximately 8:15 AM. During the search, agents located a Pennsylvania Railroad timetable, indicating a possible trip to Montreal; a letter from the Pennsylvania Sugar Company, stating that the \$500 loan made to Gold had been repaid; and, in back of the bookcase, a circular concerning the City of Santa Fe, New Mexico, of the type put out by a Chamber of Commerce. The apparent discrepancies evidenced by each of these items were immediately brought to Gold's attention, and upon his being confronted by the circular concerning the City of Santa Fe, Gold declared he was the individual who had received the information from Fuchs. He then voluntarily accompanied agents to the Philadelphia Office, and in their presence dictated a signed statement reciting his activities in Soviet espionage, commencing in the Fall of 1936 and continuing until the latter part of 1945. In this statement, and during the course of subsequent interviews, Gold furnished information concerning his espionage association with twelve individuals, including Fuchs; he declared positively that neither his father, mother, nor brother, Joseph Gold, an employee of the Naval Supply Depot, Philadelphia, ever had the slightest indication that he was engaged in espionage work; and stated that his purpose in engaging in industrial espionage for the USSR was to give assistance to a nation whose final sims he approved. Gold has declared that he met with Fuchs on eight different occasions, five of the meetings occurring in New York City. one in the Deineman residence in Cambridge, Massachusetts, and two in Santa Fe. New Mexico.





On the evening of May 23, 1950, after presentation of the known facts concerning Gold's espionage activities to the Department, Assistant Attorney General James M. McInerney authorized prosecution of Gold under Section 34, Title 50, United States Code, charging conspiracy to violate Section 32(a) of Title 50, United States Code. Complaint was filed and warrant issued in the Eastern District of New York on the evening of May 23, 1950, and at 10:45 PM that date Gold was arraigned before United States District Judge James P. McGranery in Philadelphia. Gold admitted he was the individual named in the complaint, and upon bond being fixed by the Court at \$100,000 Gold was remanded to jail in default thereof.

On June 10, 1950, evidence against Harry Gold was presented to a Grand Jury in the Eastern District of New York, Brooklyn, New York, and on the same date the Grand Jury returned a true bill charging that Harry Gold and others, including Emil Julius Klaus Fuchs, conspired to violate Subsection (a) of Section 32, Title 50, United States Code, and to effect the objects of the conspiracy. They committed eleven overtacts enumerated in the indictment in violation of Section 34, Title 50, United States Code.

A hearing for the removal of Gold was held on June 12, 1950, before Judge McGranery. At that time, Gold's attorney conceded there was no question of identity but requested more time to complete conferences with Gold. A date was not set for an additional hearing but Mr. Hamilton, Gold's attorney, informed the court that he would proceed on the matter as rapidly as possible.

On July 20, 1950, Gold appeared before U. S. District Judge James P. McGranery in Philadelphia and pled guilty to each count in the indictment as well as to the indictment as a whole. At this time the Government's motion for removal of Gold to the Eastern District of New York was withdrawn. A pre-sentence investigation by the Probation Officer was ordered. Judge McGranery also ordered a hearing, to be held after completion of the investigation, at which the Government would present testimony and the defense could call witnesses if it so desired.

On December 9, 1950, after a hearing on sentence held December 7, 1950, Judge McGranery sentenced Harry Gold to 30 years imprisonment, and later modified this to 29 years, 223 days, to credit him for the time served since his plea of guilty. Since sentence, Gold has been a Government witness in the trial of Abraham Brothman and Miriam Moskowitz, and he is scheduled to be a witness in the Julius Rosenberg trial and also the Oscar John Vago trial.

Intensive investigation has been conducted to corroborate Gold's statements and to effect identifications of his espionage associates. The Chicago Division located a guest registration card at the Palmer House Hotel, Chicago, Illinois, reflecting registration of Harry Gold there on September 16, 1945. The Albuquerque Division has located registration cards for Harry Gold reflecting registrations at the Hilton Hotel in Albuquerque, New Mexico, on June 3, and September 19, 1945. The FBI Laboratory has concluded that all three registration cards were written by Gold.





Subsequent to the initial signed statement furnished by Gold on May 22, 1950, Gold has changed his story in some details and has furnished additional information. He has now admitted that he was first recruited for Soviet espionage activities in 1935 by Thomas L. Black who placed him in contact with an individual known to Gold as "Paul Smith" (A separate brief is being prepared on Black.) Gold was in contact with "Paul Smith" from the Fall of 1935 until early 1937. He furnished information available to him through his employment at the Pennsylvania Sugarthepany. At the last meeting with "Paul Smith" in 1937, the latter mentioned that he washreturning to Germany. Gold was then placed in contact with an individual known to him as "Steve Swarts" in the early Summer of 1937, to whom he continued to furnish information. He believed Swarts was a Russian having been in the United States a long time and residing in Brooklyn. He tentatively identified a photograph of Joseph Kats as being identical with Swarts but subsequently changed his story to indicate that Kats was not Swarts but rather a substitute who contacted Gold in Buffalo, New York, on one occasion in 1940 on behalf of Semenov, mentioned below. When he thus changed his story, he identified Swartz as Semen Mefodievich Ruga who, according to investigation, was an engineer attached to the Soviet Government Purchasing Commission and was in the United . States from Hovember 15, 1943, until March 16, 1947. Investigation to date has failed to indicate that he was in the United States in 1937-38.

In late 1937 or early 1938, Gold was placed in contact with an individual known to him as "Fred." Gold continued to give him information relating to chemical processes obtained from the Pennsylvania Sugar Company until the Fall of 1940. He received the impression "Fred" was operating other agents. Gold furnished a description of "Fred" but has not to date been able to identify him from photographs shown. He has indicated some similarity between "Fred" and Gaik B. Ovakimian, however.

In late 1938, "Fred" instructed Gold to contact Benjamin Smilg, an aeronautical engineer at Wright Field, Dayton, Ohio. He made several contacts with Smilg from that time until possibly early 1941, ostensibly to obtain information but received no such information. On the last contact, Gold was in possession of material furnished to him by his Soviet superior and his contact was virtually an attempt at blackmail. Smilg was the subject of an atomic energy investigation which indicated he was employed at Wright Field from August 10, 1936, to the present time except during a period of military furlough from February 19, 1942, until October 25, 1946. He derogatory information was developed. On interview on June 19, 1950, Smilg denied having ever engaged in Soviet espionage, but admitted Gold's contact with him in 1938-40.

Gold again changed his story regarding Katz, advising that he never met anyone in Buffalo, New York, or anywhere else, as a substitute, but had actually met Katz on one occasion in the lobby of the Hotel New Yorker, on the instructions of his superior, "Fred." Katz is a subject of a Bureau investigation based on information furnished by Elizabeth T. Bentley. Katz departed the United States in the Summer of 1946, and has resided in Paris, France, as a representative of an American business firm since that time.





Gold's next Soviet superior was known to him as "Sam" and he has identified a photograph of Semen Markovitch Semenov as being identical with "Sam." He met Semenov until the end of 1940 and was told to discontinue his activities since they served no purpose. He was recontacted by Semenov in the Fall of 1941 and operated under Semenov until early 1944. During this period, he obtained information from Alfred Dean Slack and Abraham Brothman which was transmitted to Semenov. In this connection, Gold has advised that he met Brothman through Semenov rather than Jacob Golos, whom he never knew. He stated that he had advised Bureau Agents and testified before the Grand Jury in 1947 that he met Brothman through Golos because he and Brothman, at the instigation of Brothman, agreed to that story.

Investigation of Semenov was initiated in 1941 after he entered the United States as an official representative of Amtorg Trading Corporation. Informants have indicated that he attempted to get intelligence information. He departed from the United States Beptember 26, 1944 (separate briefs are who being prepared on Alfred Dean Slack and Abraham Brothman). Semenov was last reported to be in Paris, France, as a representative of Sovemportfilm, as of April, 1949.

In early 1944, the supervision of Gold in Soviet intelligence by "Sam" was turned over to an individual known as "John" whom Gold has now identified as Anatoli Antonovich Yakovlev. Yakovlev entered the United States on February 4, 1941, and was assigned as a clerk at the Soviet Consulate in New York City. An investigation was initiated in June, 1946, after he was contacted by Walter Carl Neumson, a suspected Soviet agent. Investigation of Yakovlev's activities indicated he was operating as a Soviet agent. He departed from the United States on December 27, 1946. Gold admits no contacts with Yakovlev subsequent to 1946. As of July, 1948, Yakovlev was in Paris, France, as Second Secretary of the Soviet Embassy.

Harry Gold further advised that in December, 1946, the night of his last meeting with Yakovlev, he had earlier met an unknown Russian at the Earle Theater in New York City who inquired whether Gold had any material from the Doctor, referring to Fuchs. Upon being advised in the negative, this Russian instructed Gold to meet Yakovlev within an hour at a certain place. Gold has identified a photograph of Pavel Ivanovich Fedosimov as representing this unknown Russian. Gold had no further contacts with Fedosimov.

information indicates that Fedosimov probably is identical with the head of the MGB in New York City during 1944 and 1945





Harry Gold has further advised that in October, 1949, he was contacted at his home in Philadelphia by an unknown Russian who introduced himself by inquiring whether Gold remembered "John" and "the doctor," referring, according to Gold, to Yakovlev and Fuchs. Gold made arrangements to meet this Russian in New York City later in October, 1949, and kept the meeting. At that time the Russian questioned Gold in detail about his testimony before the Federal Grand Jury in 1947 and the effect it might have on Fuchs. He advised Gold that since he visited Gold's home he had made inquiry and determined that Fuchs was all right, was working and was furnishing information. Gold made arrangements with this Russian for further meetings every two months on a Sunday. He did not keep the December, 1949, meeting. He did go to the meeting place in February, 1950, but was not contacted, apparently because Fuchs had been arrested the previous Friday. Gold has denied any further contacts with the Soviets.

Gold subsequently advised that when he went to the meeting place in New York City in February, 1950, but was not contacted, he noted an individual pass him, smoking a cigar, as was part of the prearranged recognition signal, whom he believed might have been Julius Rosenberg, whose photograph appeared in a Philadelphia paper and was seen by Gold. Still later, Gold identified a photograph of Rosenberg as being the individual who passed him on the occasion in February, 1950, when the meeting was not consummated.

Gold also stated he obtained information and paid money to an American soldier in Albuquerque, New Mexico, in June, 1945, on the instructions of "John." This soldier has now been identified as David Greenglass. (A separate brief has been prepared concerning Greenglass.)

"Paul Smith," "Steve Swartz," and "Fred," have not as yet been identified. Alfred Dean Slack and David Greenglass have been apprehended on charges of violation of Section 34, Title 50, United States Code. On a plea of guilty Alfred Dean Slack was sentenced to 15 years imprisonment. David Greenglass has also pled guilty but is awaiting sentence at this time. Abraham Brothman and Miriam Moskowitz were arrested and tried on charges of obstructing justice. Brothman was sentenced to serve two years and to pay a fine of \$10,000 on Count One and to serve five years and pay a fine of \$5,000 on Count Two, the sentences to run consecutively. Moskowitz was sentenced to two years imprisonment and a fine of \$10,000 on Count One.





Fuchs admitted that while in England prior to coming to the United States in 1943, he was in contact with two different individuals to whom he furnished information for the Russians. He has identified his first contact as Simon D. Kremer, a Soviet official who was the Secretary to the Soviet Military Attache in England and who has been identified by the British as a Soviet Military Intelligence agent. Fuchs has stated that he met Kremer through arrangements made by a Communist friend, Jurgen Kuczynski, who subsequently returned to Germany and was teaching at the University of Berlin in 1949.

Fuchs' second contact in England was a woman, whom he has now identified as Jurgen Kuczynski's sister, Ursula Beurton, whom he met near Banbury, England. He maintained contact with her until his departure for the United States in 1943. She arranged with him the details of his first meeting with his American contact in New York.





Although Fuchs had been given instructions prior to leaving the United States, by his American contact, for a rendezvous with a Russian agent after his return to England in 1946, he failed to appear for the meeting. Subsequently, when he desired to again make contact with the Russians, he tried to locate Kuczynski. Failing in this, he approached Johanna Klopstech, a Communist, and according to Fuchs, a member of the party in Germany or Czechoslovakia. She also failed to locate Kuczynski but made contact with the Russians, apparently through the British Communist Party, and furnished Fuchs with instructions for a meeting with his last contact in England. Fuchs was in contact with this latter individual, who has not yet been identified, until February or March, 1949.

After Fuchs returned to England and after meeting with his last contact, he was furnished on two occasions with the name Mr. Sukhonlin, 2 Rue Adolphin Bartholdi or Bartholdy, Paris, France. He was told he might consider using this address and that there he would be placed in contact with persons possessing technical knowledge. Presumably, this was to be used as an emergency meeting place if he again lost contact with the Russians. Fuchs never used this address.

Sukhonlin is apparently identical with Vassili V. Soukhomline, a well-known Russian Social Revolutionary journalist. He was in the United States from September, 1941, to August, 1945, during which time he was connected with "France-Amerique." He was reported as pro-Soviet and contributed pro-Soviet articles to "Novosselye" and "Soviet Russia Today," pro-Soviet periodicals published in New York. He reportedly accepted a position as Paris correspondent of the New York pro-Communist Russian language daily "Russky Golos," in 1945. In February, 1949, he was characterized in an American Embassy dispatch from Paris as a Soviet agent who was connected with "Cahiers Internationaux", a publication financed by the Soviet Embassy in Paris.

The investigative responsibility for Dr. Fuchs during the first period he was in the United States was, by the general agreement regarding jurisdiction between the Manhattan Engineer District and the FBI, the responsibility of the Manhattan Engineer District. This is based on the fact that Fuchs was employed by the British and was attached to the Manhattan Engineer District. The Delimitations Agreement in effect, signed February 9, 1942, provided that the War Department would be responsible for the investigating of all civilian employees of the War Department, as well as civilians on military reservations or under military control. Major General George V. Strong, G-2, on April 5, 1943, in a conference with a Bureau official, Mr. E. A. Tamm, stated the War Department took complete responsibility for protective activities in connection with the Manhattan Engineer District project.

