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~~SECRET~~

EXEMPTED FROM AUTOMATIC
DECLASSIFICATION
AUTHORITY DERIVED FROM:
FBI AUTOMATIC DECLASSIFICATION GUIDE
EXEMPTION CODE: 25X(1, 6)
DATE 01-02-2014 By: J89028T90

FBI

TRANSMIT VIA:

- Teletype
- Facsimile
- AIRTEL

PRECEDENCE:

- Immediate
- Priority
- Routine

CLASSIFICATION:

- TOP SECRET
- SECRET
- CONFIDENTIAL
- UNCLAS E F T O
- UNCLAS

~~SECRET~~

Date 4/16/87

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED EXCEPT
WHERE SHOWN OTHERWISE

TO : DIRECTOR, FBI

FROM : SAC, LOS ANGELES [redacted] (P)

SUBJECT: BRUCE C. MURRAY
[redacted]

OO: Los Angeles

~~All~~ information contained herein is classified "~~SECRET~~".

Los Angeles indices negative on MURRAY.

REQUEST OF FBIHQ:

Conduct indices check for Professor BRUCE C. MURRAY, DOB
11/30/31.

DE 176 [redacted]

~~SECRET~~

- 3 - Bureau 1-4497
- 1 - San Francisco
- 2 - Los Angeles

6625

(6)

- 1* -

b1
b3
b6
b7C

b1
b3
b6
b7C

Approved: _____ Transmitted _____ Per _____
(Number) (Time)

13 APR 21 1987

[redacted]

~~SECRET~~

4-22 (Rev. 11-13-85)

8/31, 19

- Name Searching Unit, 4989, TL#
- Service Unit, 4654, TL# 225
- Special File Room, 5991, TL# 122
- Forward to File Review, 5447, TL# 143
- Attention
- Return to 4497/242/4580 Supervisor, Room, TL#, Ext.

b6
b7C

Scope of Search: (Check One)

- Automated Data Base (ADB)(Individual Born 1962 and After)
- Restricted Search (Active Index - 5 & 20)
- Restricted Search (Active & Inactive Index - 5 & 30)
- Unrestricted (Active & Inactive Index)

Type of Search Requested: (Check One)

- All References (Security & Criminal)
- Security Search
- Criminal Search
- Main References Only

Special Instructions: (Check One)

- Exact Name Only (On the Nose)
- Buildup Variations
- Restricted to Locality of

Subject BRUCE C MURRAY
Birthdate & Place 11/30/31
Address

Localities

R# Date 9/1 Search Initials
Prod.

A	B	ACTIVE	INACTIVE	DATE ON CARD M/Y
---	---	--------	----------	------------------

FILE NUMBER SERIAL

✓ 105-44066-686 673 ✓

NR ✓

BRUCE Churchill

b1
b3
b6
b7C

✓ 116-446864 ✓

✓ 161-4635 ✓

(S)

✓ 162-5-57633 ✓

✓ 105-71688-1186 ✓

BRUCE
not search ~~SECRET~~

EXEMPTED FROM AUTOMATIC
DECLASSIFICATION
AUTHORITY DERIVED FROM:
FBI AUTOMATIC DECLASSIFICATION GUIDE
EXEMPTION CODE: 25X(1, 6)
DATE 02-28-2014 By: J89J28T90
FBI INFORMATION ONLY

AIRTEL

~~SECRET~~

1/25/88

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED EXCEPT
WHERE SHOWN OTHERWISE

Director, FBI (INTD, CI-1E)

SAC, Los Angeles

[Redacted]

BRUCE C. MURRAY;

[Redacted]

OO: LA

This ~~entire~~ communication classified "~~Secret.~~" (U)

[Redacted]

ReLAairtel, dated 4/16/87.

A review of FBIHQ investigative records revealed the captioned individual was the subject of an applicant investigation by NASA in 1973. Investigation at that time disclosed that MURRAY was previously employed by The Rand Corporation (1961) Office of Science and Technology (1966-1969). Further subject's FATHER CHURCHILL MURRAY was reported to have Communist Party affiliation. However, no evidence to substantiate these allegations was disclosed during as 1949 loyalty investigation.

LA is requested to advise FBIHQ of the status of this investigation.

NOTE:

[Redacted]

Instant provides LA with the results of an FBIHQ file review as well as requesting the status of this investigation.

MAILED 22

JAN 25 1988

- Exec AD Adm. _____
- Exec AD Inv. _____
- Exec AD LES _____
- Asst. Dir.:
- Adm. Servs. _____
- Crim. Inv. _____
- Ident. _____
- Insp. _____
- Intell. _____
- Lab. _____
- Legal Coun. _____
- Off. Cong. & Public Affs. _____
- Rec. Mgnt. _____
- Tech. Servs. _____
- Training _____
- Off. Liaison & Int. Affs. _____
- Telephone Rm. _____
- Director's Sec'y. _____

[Redacted]

[Redacted]

~~SECRET~~ (U)

Classified by: 10220

Declassify on: OADR

APR 27 1989

[Redacted]

~~SECRET~~

b1
b3
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b6
b7C

~~SECRET~~ (U)

EXEMPTED FROM AUTOMATIC
DECLASSIFICATION
AUTHORITY DERIVED FROM:
FBI AUTOMATIC DECLASSIFICATION GUIDE
EXEMPTION CODE: 25X(1, 6)
DATE 01-02-2014 By: J89J28T90

FBI

TRANSMIT VIA:

- Teletype
- Facsimile
- Airtel

PRECEDENCE:

- Immediate
- Priority
- Routine

CLASSIFICATION:

- TOP SECRET
- SECRET
- CONFIDENTIAL
- UNCLAS E F T O
- UNCLAS

Date 7/10/87

~~SECRET~~

1
(S) 2
(S) 3
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(S) 5
(S) 6
(S) 7
(S) 8
(S) 9
(S) 10
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(S) 17
(S) 18
(S) 19
(S) 20
(S) 21

TO DIRECTOR, FBI

FROM SAC, LOS ANGELES [redacted]

SUBJECT BRUCE C. MURRAY [redacted]

OO: LOS ANGELES

ACTION: close

DATE: 7/15/87

UNCLAS: CWS

This communication is classified "Secret" in its entirety.

[redacted]

Re Los Angeles airtel dated 4/16/87.

On 7/6/87, Dr. BRUCE MURRAY, Professor of Planetary Science, CALIFORNIA INSTITUTE OF TECHNOLOGY (CIT) and former Director of JET PROPULSION LABORATORY (JPL), was contacted at his office at CIT [redacted]

[redacted] During the course of the interview MURRAY commented regarding a trip he took to the USSR in November 1986 in connection with the group of Soviet Scientists who visited CIT in May 1987. He had to communicate with the [redacted] regarding Visa matters.

- 2 - Bureau [redacted]
- 1 - San Francisco [redacted]
- 2 - Los Angeles [redacted]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED EXCEPT
WHERE SHOWN OTHERWISE

DECLASSIFY ON: OADR
6625

~~SECRET~~
115-LOS ANGELES
7-15-87

SEARCHED
INDEXED
SERIALIZED
FILED

Transmitted _____ Per _____
(Number) (Time)

~~SECRET~~

~~SECRET~~

DATE _____
BY _____
SERIAL (S) _____
close out
7-15-87

b1
b3
b6
b7C

b7E

FEDERAL BUREAU OF INVESTIGATION
FOI/PA
DELETED PAGE INFORMATION SHEET
FOI/PA# 1226773-1

Total Deleted Page(s) = 42
Page 4 ~ Referral/Direct;
Page 8 ~ Referral/Direct;
Page 9 ~ Referral/Direct;
Page 10 ~ Referral/Direct;
Page 11 ~ Referral/Direct;
Page 12 ~ Referral/Direct;
Page 13 ~ Referral/Direct;
Page 14 ~ Referral/Direct;
Page 35 ~ Referral/Direct;
Page 79 ~ Referral/Consult;
Page 80 ~ Referral/Consult;
Page 81 ~ Referral/Consult;
Page 82 ~ Referral/Consult;
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Page 121 ~ Referral/Direct;
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Page 126 ~ Referral/Direct;
Page 151 ~ Referral/Consult;
Page 152 ~ Referral/Consult;
Page 153 ~ Referral/Consult;
Page 174 ~ Referral/Consult;
Page 175 ~ Referral/Consult;
Page 176 ~ Referral/Consult;
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Page 178 ~ Referral/Consult;
Page 179 ~ Referral/Consult;
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Page 184 ~ Referral/Direct;
Page 187 ~ Duplicate;
Page 197 ~ Referral/Direct;
Page 198 ~ Referral/Direct;
Page 199 ~ Referral/Direct;

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X For this Page X
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX

November 6, 1991

BRUCE MURRAY

Captioned individual, also known as Bruce Churchill Murray, who you advised was born November 30, 1931, in New York, New York, and holds Social Security Number 555-32-5745, was the subject of applicant investigations by the FBI in 1961, 1966 and 1969. The 1969 investigation was favorable. Attached are two FBI letters and a summary memorandum which contain the results of the 1961 and 1966 investigations.

The central files at FBI Headquarters, the records of the Identification Division and appropriate computer data bases contain no additional pertinent information identifiable with the captioned individual based upon background information furnished in connection with this name check request.

Enclosures (3)

1 - [redacted] Room 4371
1 - [redacted]
1 - [redacted]
161-4635; 116-446864

b6
b7C

[redacted] (5)

NOTE: Per request from [redacted]

- Dep. Dir. _____
- ADD Adm. _____
- ADD Inv. _____
- Asst. Dir.:
- Adm. Servs. _____
- Crim. Inv. _____
- Ident. _____
- Insp. _____
- Intell. _____
- Lab. _____
- Legal Coun. _____
- Rec. Mgnt. _____
- Tech. Servs. _____
- Training _____
- Cong. Affs. Off. _____
- Off. of EEO _____
- Off. Liaison & Int. Affs. _____
- Off. of Public Affs. _____
- Telephone Rm. _____
- Director's Sec'y _____

MAIL ROOM

DELIVERED TO LIAN
DATE NOV. 0 9 1991

[redacted] b6
b7C

Federal Bureau of Investigation
Records/Operations Sections

CLASSIFIED BY c28w34b64 NSICC
REASON: 1.4 (c)
DECLASSIFY ON: 04-21-2039
DATE: 04-21-2014

FR UTD

- Name Searching Unit, 4989, TL#
 - Service Unit, 4654, TL# 225
 - Special File Room, 5991, TL# 122
 - Forward to File Review, 5447, TL# 143
 - Attention
 - Return to
- Supervisor, Room, TL# , Ext.

b6
b7c

Scope of Search: (Check One)

- Automated Data Base - 5 & 20
- Automated Data Base - 5 & 30
- Unrestricted (ADB & Inactive Index)

OCT 29 1991

Type of Search Requested:

- All References (Security & Criminal)
- Security Search
- Criminal Search
- Main

References Only

Special Instructions:

- Exact Name Only (On the Nose)
- Buildup Variations
- Restricted to Locality of _____

Subject Murray, Bruce
AKA(s) _____

Birthdate & Place _____
SSAN _____
Localities CA, NY, MA, CO, CAN, LA, BOE
PA, ME, CT, VA
R# 584 Date 10-28 Searcher Initials 483
Prod. _____

(14)

	File Number	Serial	Ident	ADB	Inactive	Date of Ref M/Y
<u>I</u>	<u>100-439474-1</u>					
	<u>Bruce C</u>					
<u>I</u>	<u>105-0-50985-P1</u>					
<u>I</u>	<u>161-4635</u>					
<u>I</u>	<u>105-0-50881-P1</u>					
	<u>Bruce Churchill</u>					<u>Buy</u>
<u>I</u>	<u>116-446864</u>					
<u>I</u>	<u>[Redacted]</u>					
<u>I</u>	<u>62-5-57633</u>					
<u>I</u>	<u>[Redacted]</u>					
<u>I</u>	<u>105-44066-686-601P3</u>					
	<u>Bruce Churchill</u>					
<u>I</u>	<u>105-71688-1186</u>					
<u>I</u>	<u>105-25670.7-2</u>					

b1
b3

RECEIVED
10/30/91

8/5/66

airtel

To: SACs, Washington Field - Enc. (5)
 Los Angeles - Enc.
 Boston - Enc.
 Denver - Enc.
 Albuquerque - Enc.
 New Orleans - Enc.
 LEGAT, Mexico - Enc.

79 print
9/12/66
8/9/66
431
7-

From: Director, FBI

BRUCE CHURCHILL MURRAY
SPECIAL INQUIRY
BUDED: 8/20/66

BRUCE CHURCHILL MURRAY

Office of Science and Technology, White House, has requested investigation of Murray, who is being considered for White House clearance. Born 11/30/31, New York City, and resides 1535 Sierra Madre Villa Avenue, Pasadena, California. Background data attached.

4

All offices except Albuquerque and LEGAT, Mexico, see urfiles which indicate AEA investigation conducted regarding Murray in 1961. Bring up to date in accordance with current SPI standards, making any necessary recontacts.

Los Angeles include derogatory information previously developed on Murray's relatives in your current report.

Washington Field check OSI, CIA and NASA, as those agencies in the recent past requested name checks concerning Murray.

SPIII.

1 - Foreign Liaison Unit (Route through for review.)

NOTE: Request received today from OST, White House.

- Tolson _____
- DeLoach _____
- Mohr _____
- Wick _____
- Casper _____
- Callahan _____
- Conrad _____
- Felt _____
- Gale _____
- Rosen _____
- Sullivan _____
- Tavel _____
- Trotter _____
- Tele. Room _____
- Holmes _____
- Gandy _____

detached and
filed
WBS

MAILED 3
 AUG 5 - 1966
 COMM-FBI

ENCLOSURE

MCT-15

EX-103

4635

REC-26

AUG 9 1966

MAIL ROOM TELETYPE UNIT

Return to Room 1258.

b6
 b7c

Federal Bureau of Investigation
Records Branch

878, 1966

Name Searching Unit - Room 6527

Service Unit - Room 6524

Forward to File Review

Attention

Return to

[Redacted]

1254 - 2346

Supervisor Room Ext.

Type of References Requested:

Regular Request (Analytical Search)

All References (Subversive & Nonsubversive) b6

Subversive References Only b7C

Nonsubversive References Only

Main References Only

Type of Search Requested:

Restricted to Locality of _____

Exact Name Only (On the Nose)

Buildup **AUG 5 1966** Variations

Subject Bruce Churchill Murray

Birthdate & Place _____

Address _____

Localities _____

R# (482) Date 8-5 Searcher Initials [Redacted]

Prod. _____

	FILE NUMBER	SERIAL
<input checked="" type="checkbox"/>	<u>116-446864</u>	<u>12/12/60</u>
<input checked="" type="checkbox"/>	<u>116-446864</u>	<u>1</u>
<input checked="" type="checkbox"/>	<u>Bruce</u>	
<input checked="" type="checkbox"/>	<u>105-44066</u>	<u>686203</u>
<input checked="" type="checkbox"/>	<u>Bruce</u>	
<input checked="" type="checkbox"/>	<u>47-0-4359</u>	
<input checked="" type="checkbox"/>	<u>100-439474-1</u>	

AUG 8 1966

Federal Bureau of Investigation
Records Branch

19__

Name Searching Unit - Room 6527
 Service Unit - Room 6524
 Forward to File Review
 Attention b6
 Return to 254 b7C
 Supervisor Room Ext.

Type of References Requested:

Regular Request (Analytical Search)
 All References (Subversive & Nonsubversive)
 Subversive References Only
 Nonsubversive References Only
 Main _____ References Only

Type of Search Requested:

Restricted to Locality of Mexico, Calif., Ill.
 Exact Name Only (On the Nose) 7 Mex. on file
 Buildup Variations on Bldm

Subject Joseph Churchill Murray
 Birthdate & Place 11-20-03 Mex. City, Mex.
 Address _____

Localities _____
 R# _____ Date 8-22-66 Searcher Initials

	FILE NUMBER	SERIAL
	<u>100 - 439474</u>	
	<u>121 - 18171</u>	
	<u>140 - 61414</u>	
<u>NTP</u>	<u>Joseph C.</u>	
	<u>87 - 72340-1</u>	
	<u>Joseph</u>	
	<u>42 - 572</u>	
	<u>44 - 25</u>	
	<u>62 - 12182</u>	
	<u>62 - 24895</u>	
	<u>87 - 38004</u>	
	<u>87 - 47673</u>	
	<u>87 - 72191</u>	
	<u>88 - 5439</u>	
	<u>95 - 74185</u>	
	<u>163 - 12178</u>	
	<u>65 - 67551 - 60 p. 10</u>	
	<u>87 - 72340 - 1, 2</u>	

NUMEROUS REFERENCE

b6
b7C

SEARCH SLIP

Subj: Joseph Churchill Murray

Supervisor _____ Room _____

R# _____ Date 8-22-66 Search Initials

Prod. _____

FILE NUMBER

SERIAL

Joseph

XII 174-98

12

J.C

NI 12/14/60
Churchill
95-47988

J. Churchill

NR

Churchill

SF

UNITED STATES GOVERNMENT

Memorandum

TO : Director, FBI (

) DATE: 9/6/66

FROM: SAC, WFO

(161-3847)

SUBJECT: BRUCE CHURCHILL MURRAY
SPISOG ACTION:
(Records Branch)

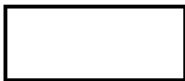
- Post and destroy
 File

This case will be delinquent.

Date of Bureau deadline: 8/20/66

Reason for the delinquency: OSI check outstanding.

Date the report or necessary communication will reach the Bureau: 9/13/66

AEC zone designation; e. g., OR, CH, etc.:
(This applies only to 116 cases.) No administrative action necessary.

UNITED STATES GOVERNMENT

Memorandum

TO : Director, FBI (

) DATE: 8/26/66

FROM : SAC, WFO (161-3847)

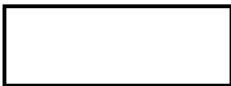
SUBJECT: BRUCE CHURCHILL MURRAY
SPISOG ACTION:
(Records Branch)
 Post and destroy
 File

This case will be delinquent.

Date of Bureau deadline: 8/20/66.

Reason for the delinquency: OSI check outstanding.

Date the report or necessary communication will reach the Bureau: 8/2/66

AEC zone designation; e. g., OR, CH, etc.:
(This applies only to 116 cases.) No administrative action necessary.

UNITED STATES GOVERNMENT

Memorandum

TO : Director, FBI (File) DATE: 8-15-66

FROM : SAC, HOUSTON (File 161-261)
KKSUBJECT: BRUCE CHURCHILL MURRAY
SPI
BUDED 8-20-66

This case will be delinquent.

Date of Bureau deadline: 8-20-66

Reason for the delinquency:

[redacted] former fellow
committee member of applicant, presently at sea. He will
return to Houston on 8/23/66Date the report or necessary communication
will reach the Bureau: 8-2nd 66AEC zone designation; e.g., OR, CH, etc.:
(This applies only to 116 cases.)b6
b7c

A handwritten signature, possibly "R. J. ...", is written over a rectangular stamp. The stamp contains the word "RECORDED" and some illegible numbers or dates.

F B I

Date: 8/8/66

Transmit the following in _____
(Type in plaintext or code)

Via AIRTEL _____ AIRMAIL _____
(Priority)

12

TO: DIRECTOR, FBI
FROM: SAC, NEW ORLEANS (161-0)
SUBJECT: BRUCE CHURCHILL MURRAY
SPECIAL INQUIRY
BUDED 8/20/66

ReBuairtel to WFO, etal, 8/5/66.

Investigation for New Orleans reflects two neighborhoods and one employment. Since this investigation was done and completely reported in New Orleans report of SA [redacted] dated 1/12/61, entitled "BRUCE CHURCHILL MURRAY, CSC, AEA-A," no report being submitted by New Orleans.

b6
b7C

- 1 - Bureau
- 1 - New Orleans

[redacted]

(2)

pb

161-465-2

NOT RECORDED

9 AUG 10 1966

SPECIAL AGENT

Approved: _____
Special Agent in Charge

Sent _____ M Per _____

31 OCT 24 1966

ATTENTION: Special Inquiry Section
Investigative Division

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE DENVER	OFFICE OF ORIGIN BUREAU	DATE 8/11/66	INVESTIGATIVE PERIOD 8/9/66
TITLE OF CASE BRUCE CHURCHILL MURRAY		REPORT MADE BY IC [redacted]	TYPED BY
		CHARACTER OF CASE SPECIAL INQUIRY	b6 b7C

REFERENCE: Bureau airtel to Washington Field Office and other offices, August 5, 1966.

-RUC-

ADMINISTRATIVE:

This report supplements investigation conducted by IC [redacted] in report of SA [redacted] Denver, dated January 10, 1961, in the matter captioned "BRUCE CHURCHILL MURRAY, CSC; AEAA," Denver file 116-32126.

A*
COVER PAGE

APPROVED <i>[Signature]</i>	SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW		
COPIES MADE: 1-Bureau (AM) 1-Denver (161-507)		161-4055-	3	
		NOT RECORDED 3 AUG 15 1966		

Dissemination Record of Attached Report				Notations <i>[Signature]</i> Spec. Inq.
Agency				
Request Recd.				
Date Fwd.				
How Fwd.				
By	<i>[Signature]</i>			

61 OCT 2 1966

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of:

IC [REDACTED]

Office:

Denver

b6
b7c

Date:

August 11, 1966

Field Office File #:

161-507

Bureau File #:

Title:

BRUCE CHURCHILL MURRAY

Character:

SPECIAL INQUIRY

Synopsis:

Records ARPC, Denver reviewed and appointee's military service verified.

-RUC-

DETAILS:

The Master Service File of BRUCE CHURCHILL MURRAY, Serial Number FV (AO) 3011238 was reviewed on August 9, 1966, at the Records Service Division, Air Reserve Personnel Center, Denver, Colorado.

The appointee has not served on active duty with the United States Air Force since March 4, 1960.

On May 26, 1953, the appointee acknowledged his acceptance of the appointment as Reserve Officer in the United States Air Force for an indefinite term. His most recent Reserve assignment is with Headquarters, Continental Air Command (Inactive Status List Reserve Section), Air Reserve Personnel Center, Denver, Colorado, and is presently designated a Standby Reservist. His primary Air Force Specialty Code is Scientist, Special.

1*

8/12/66

PLAINTEXT

TELETYPE

URGENT

TO: SAC, NEWARK ✓
HOUSTON ✓
PHOENIX ✓
SAN DIEGO ✓
ST. LOUIS

FROM: SAC, WFO (161-3847)

BRUCE CHURCHILL MURRAY, SPI, BUDED AUGUST 20, NEXT.

RE BUREAU AIRTEL AUGUST FIVE, LAST.

OFFICE OF SCIENCE AND TECHNOLOGY, WHITE HOUSE, HAS REQUESTED INVESTIGATION OF MURRAY WHO IS BEING CONSIDERED FOR WHITE HOUSE CLEARANCE, BORN NOVEMBER THIRTY, NINETEEN THIRTYONE, NEW YORK CITY, AND RESIDES ONE FIVE THREE FIVE SIERRA MADRE VILLA AVENUE, PASADENA, CALIFORNIA, PRESENTLY FACULTY MEMBER, CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIFORNIA.

- 1 - Teletype Unit
- 1 - Bureau
- 2 - WFO

[Redacted Box]

(4)

161-4035-4

10

SP-9
INO.

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b7c

611

WFO 161-3847

PAGE TWO

[REDACTED] PLANETOLOGY SUBCOMMITTEE

b6
b7c

OF SPECIAL SCIENCE, STEERING COMMITTEE, NASA, WASHINGTON,

D. C., ADVISED MURRAY WAS MEMBER OF COMMITTEE, AUGUST,

NINETEEN SIXTYTHREE, TO AUGUST, NINETEEN SIXTYFOUR, AND

NOT INVITED TO RETURN AS HE DOES NOT GET ALONG WELL WITH

OTHERS, HE IS CONTEMPTUOUS OF THEIR WORK AND IS NOT A TEAM

MAN. MURRAY DOES NOT SUBSTANTIATE HIS CONCLUSIONS BY

CAREFUL RESEARCH AND FACTS, AND STATED THEY ARE RIGHT

BECAUSE HE SAYS THEY ARE RIGHT. OTHER MEMBERS OF COMMITTEE

ARE [REDACTED] DEPARTMENT OF GEOLOGY, PRINCETON

UNIVERSITY; [REDACTED] OF CHEMISTRY,

UNIVERSITY OF CALIFORNIA, SAN DIEGO, CALIFORNIA, AT LA JOLLA;

[REDACTED] DEPARTMENT OF PHYSICS, UNIVERSITY

OF HOUSTON, HOUSTON, TEXAS; [REDACTED] OF

LOWELL OBSERVATORY, FLAGSTAFF, ARIZONA. NEWARK, SAN DIEGO,

HOUSTON, AND PHOENIX HANDLE.

b6
b7c

NK

SD

H^o

PK

WFO 161-3847

PAGE THREE

NASA HEADQUARTERS RECORDS REFLECT OFFICIAL PERSONNEL
FILE FORWARDED TO ST. LOUIS, JUNE ELEVEN, NINETEEN SIXTYFIVE,
ST. LOUIS HANDLE.

BUREAU ADVISED.

SPIN.

P.

3/15/66

AIRTEL

TO SAC, WFO

FROM SAC, ALBUQUERQUE (161-173) (P)

RE BRUCE CHURCHILL MURRAY
SPECIAL INQUIRY
BUDED; 3/20/66

Bureau airtel to WFO, copy to Boston, dated
3/5/66.

The appointee's AEC Security File was reviewed at AEC, Albuquerque, Operations Office, Albuquerque, on 3/15/66, and it was determined he was granted a Class Q Security Clearance on 6/26/61, in connection with his employment as a consultant to Edgerton, Germeshausen, and Grier, Inc., 160 Brookline Avenue, Boston, Mass. This clearance was terminated 5/1/62, since his contract as consultant was terminated. His security file reflects that in May, 1961, SEC Security, Albuquerque, suggested to AEC, Washington, an interview with appointee to clarify derogatory information developed in the FBI background investigation. This request was over-ruled by AEC, Washington, who in June, 1961, sent AEC, Albuquerque, a copy of a transcript of an interview conducted on 3/12/57, by appointee by OSI.

LEADS

WFO

At Washington, D. C.:

If not previously done, will review OSI's interview

- 2 - WFO
- 2 - Boston
- 1 - Bureau (Info)
- 2 - Albuquerque

[Redacted]

(7)

161-173-5
NOT RECORDED
1 AUG 17 1966

61 OCT 24 1966

Stamp: [Illegible]

b6
b7c

AQ 161-173

with appointee and report any pertinent information.

BOSTON

At Boston, Massachusetts:

Will verify appointee's employment as consultant for Edgerton, Germeshausen, and Grier, Inc.

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE ALBUQUERQUE	OFFICE OF ORIGIN BUREAU	DATE 8/15/66	INVESTIGATIVE PERIOD 8/9 - 8/15/66
TITLE OF CASE BRUCE CHURCHILL MURRAY		REPORT MADE BY SA 	TYPED BY
		CHARACTER OF CASE SPECIAL INQUIRY	b6 b7C

REFERENCES: Bureau airtel dated 8/5/66.
Albuquerque airtel to WFO dated 8/15/66.

- RUC -

ADMINISTRATIVE

Appointee's AEC Security File reflects that following the background investigation conducted by the FBI regarding appointee in 1961, that on 5/8/61, AEC Security, Albuquerque, wrote AEC Security, Washington, recommending that appointee be interviewed since his father was a member of the Communist Party (CP) and the League of American Writers and that his mother had attended and spoke before CP meetings and had supported the Progressive Party. Under the date of June 20, 1961, AEC, Washington, replied by furnishing a copy of a transcript of an interview which had been conducted by OSI

Case has been: Pending over one year Yes No; Pending prosecution over six months Yes No

APPROVED

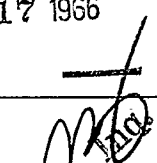
SPECIAL AGENT
IN CHARGE

DO NOT WRITE IN SPACES BELOW

COPIES MADE:

1 - Bureau (AM)

1 - Albuquerque (161-173)

161-4635	6	
NOT RECORDED		
18 AUG 17 1966		
		

Dissemination Record of Attached Report

Agency				
Request Recd.				
Date Fwd.				
How Fwd.				
By				

Notations

61 OCT 24 1966

AQ 161-173

with appointee on March 12, 1957. AEC, Washington, said that in the absence of any reported information of a derogatory nature subsequent to the OSI interview that a current interview with appointee would not materially effect the record. They noted that his father had been cleared by a Loyalty Security Appeals Board of the Department of the Army and that appointee's mother was primarily interested and associated with one of the registered political parties. There was no copy of the OSI interview in the Albuquerque file and by referenced airtel WFO was requested to review and report this OSI interview.

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of:

Office: Albuquerque

b6
b7C

Date:

August 15, 1966

Field Office File #:

161-173

Bureau File #:

Title:

BRUCE CHURCHILL MURRAY

Character:

SPECIAL INQUIRY

Synopsis:

Appointee was granted Class Q Security Clearance in June, 1961, by AEC as consultant to Edgerton, Germeshausen, and Grier, Inc. Clearance cancelled 5/1/62. AEC Security File reviewed.

- RUC -

DETAILS:AT SANDIA BASE, ALBUQUERQUE, NEW MEXICO:

Processing Branch, Division of Security, Albuquerque Operations Office, Atomic Energy Commission (AEC) on August 15, 1966, made available the AEC Security File for the appointee. This file was reviewed and it was found he was granted a Class Q Security Clearance on June 26, 1961, in connection with his employment as a consultant to Edgerton, Germeshausen, and Grier, Inc., Boston, Massachusetts. This clearance was terminated on May 1, 1962, inasmuch as Edgerton, Germeshausen, and Grier, Inc., terminated their contract with appointee.

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- 1* -

COMMUNICATIONS SECTION
AUG 16 1966

10

- Mr. Tolson _____
- Mr. DeLoach _____
- Mr. Mohr _____
- Mr. Wick _____
- Mr. Casper _____
- Mr. Callahan _____
- Mr. Conrad _____
- Mr. Felt _____
- Mr. Gale _____
- Mr. Rosen _____
- Mr. Sullivan _____
- Mr. Tavel _____
- Mr. Trotter _____
- Tele. Room _____
- Miss Holmes _____
- Miss Gandy _____

TELETYPE

12:20 PM URGENT 8-16-66 REM

TO: DIRECTOR
DENVER *ccv*

FROM: ST. LOUIS (161-2388) 1P

MR. CLEVELAND
ROOM 1246

BRUCE CHURCHILL MURRAY. SPI. BUDED AUG. TWENTY, NEXT.

RE WFO TEL, AUG. TWELVE, LAST, NO COPY DENVER.

RE TEL ADVISED WHITE HOUSE REQUESTED INVESTIGATION OF APPOINTEE, WHO IS BEING CONSIDERED FOR WHITE HOUSE CLEARANCE, BORN NOV. THIRTY, THIRTYONE, NEW YORK CITY, NEW YORK, RESIDES ONE FIVE THREE FIVE SIERRA MADRE VILLAAVE., PASADENA, CALIF., PRESENTLY FACULTY MEMBER CALIF. INSTITUTE OF TECHNOLOGY, PASADENA, CALIF.

DENVER SEE YOUR FILE ENTITLED, "BRUCE CHURCHILL MURRAY, CSC, AEA-A" RE SIXTY APPOINTEE INVESTIGATION OF APPOINTEE.

DENVER REVIEW APPROPRIATE RECORDS AT AARC, DENVER, COLO., RE APPOINTEE'S FIFTYEIGHT - SIXTY AIR FORCE SERVICE AND SUBSEQUENT AIR FORCE RESERVE SERVICE, SERIAL NUMBER A O THREE ZERO ONE ONE TWO THREE EIGHT.

SPIN P

END.



FBI WASH DC
OCT 24 1966
FBI DENVER

Handwritten notes:
17/24/66
17/24/66

Handwritten: 161-4635-7

OCT 12 1966

SPEC. INQ.

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TELETYPE UNIT
AUG 16 1966
ENCLOSED MESSAGE

Mr. Tolson
Mr. DeLoach
Mr. Mohr
Mr. Wick
Mr. Casper
Mr. Callahan
Mr. Conrad
Mr. Felt
Mr. Gale
Mr. Rosen
Mr. Sullivan
Mr. Tavel
Mr. Trotter
Tele. Room
Miss Holmes
Miss Gandy

b6
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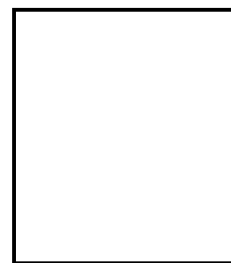
SAN DIEGO

NR--2--

3-38PM PDST URGENT 8-16-66 CND

TO DIRECTOR

FROM SAN DIEGO (161-239)



MR. CLEVELAND
ROOM 1246

BRUCE CHRUCHILL MURRAY, SPI, BUDED AUGUST TWENTY, NEXT

RE WFO TELETYPE AUGUST TWELVE LAST, INSTRUCTING SAN DIEGO TO INTERVIEW HAROLD P. UREY.

SAN DIEGO FILES REFLECT UREY, BUFILE ONE TWO ONE DASH THREE FOUR SEVEN FOUR FOUR, IS INTERNATIONALLY KNOWN SCIENTIST AND WINNER OF NOBEL PRIZE. AS OF NINETEEN SIXTY THREE HE HAD BEEN MEMBER, SPONSOR OR OTHERWISE AFFILIATED WITH FIVE ORGANIZATIONS CITED AS SUBVERSIVE BY ATTORNEY GENERAL, AND FIFTEEN ORGANIZATIONS CITED BY HCUA. IN MAY, SIXTY SIX, HE WAS VICE CHAIRMAN, NATIONAL COMMITTEE TO REPEAL MC CARRAN ACT.

IN VIEW OF AFFILIATION AND SINCE BUREAU HAS PREVIOUSLY INSTRUCTED HE NOT BE CONTACTED WHEN GIVEN AS REFERENCE IN APPLICANT CASES, UREY WILL NOT BE INTERVIEWED IN INSTANT CASE

UACB. RUC.

END

RPT

FBI WASH DC

SPEC. INQ.

161-4635-8
NOT RECORDED

OCT 12 1966

61 OCT 24 1966

1cc to [unclear]
9/23/66 [unclear]

8/16/66

A I R T E L

TO: SAC, NEW HAVEN
FROM: SAC, BOSTON (161-1616)
SUBJECT: DRUCE CHURCHILL MURRAY
SPECIAL INQUIRY
Buded: 8/20/66

Re Bureau airtel 8/5/66, no cc your office.

Bureau advised Office of Science and Technology, White House, had requested investigation of MURRAY who is being considered for White House clearance.

MURRAY, born 8/30/31 at New York City and resides at 1535 Sierra Madra Villa Avenue, Pasadena, California.

During AEA-A investigation in 1961, Major CHARLES S. HAWKINS, USAF, then assigned Geophysics Research Director, Bedford, Mass., advised in re applicant and wife. He recommended highly. HAWKINS now retired and resides at BED, Rockville, Connecticut.

New Haven reinterview.

2 - New Haven
① - Bureau
1 - Boston (161-1616)

[Redacted]

161-4135-9
NOT RECORDED

18 AUG 17 1966

61 OCT 24 1966

F B I

Date: 8/16/66

Transmit the following in _____
(Type in plaintext or code)

Via AIRTEL _____
(Priority)

TO: DIRECTOR, FBI
FROM: SAC, DENVER (161-507) (RUC)
BRUCE CHURCHILL MURRAY
SPI

Re St. Louis teletype to Denver, 8/16/66.

Investigation requested in referenced teletype
has been conducted. Refer to report of IC [redacted]
[redacted] Denver, dated 8/11/66.

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- ① - Bureau
- 1 - St. Louis (161-2388) (Info.)
- 1 - WFO (Info.)
- 1 - Denver

[redacted]

(4)

pb
161-4035-11
AUG 18 1966

Approved: *[Signature]*
Special Agent in Charge

Sent _____ M Per _____
Spec. Del.

F B I

Date: 8/17/66

Transmit the following in _____
(Type in plaintext or code)

Via TELETYPE _____
(Priority)

TO DIRECTOR (MAIL) +
BOSTON

FROM NEWARK (161-937) RUC

BRUCE CHURCHILL MURRAY. SPI. BUDED AUGUST TWENTY NEXT.
RE WFO TELETYPE TO NEWARK EIGHT TWELVE SIXTY SIX.

OFFICE OF SCIENCE AND TECHNOLOGY, WHITE HOUSE, HAS
REQUESTED INVESTIGATION OF MURRAY WHO IS BEING CONSIDERED
FOR WHITE HOUSE CLEARANCE, BORN NOVEMBER THIRTY, NINETEEN
THIRTY ONE, NYC AND RESIDES ONE FIVE THREE FIVE SIERRA MADRE
VILLA AVENUE, PASADENA, CALIFORNIA, PRESENTLY FACULTY MEMBER
CALIFORNIA INSTITUTE OF TECHNOLOGY, PASADENA, CALIFORNIA.

[REDACTED] PLANETOLOGY SUBCOMMITTEE
OF SPECIAL SCIENCE, STEERING COMMITTEE, NASA, WASHINGTON,
D.C., ADVISED MURRAY WAS MEMBER OF COMMITTEE, AUGUST NINETEEN
SIXTY THREE TO AUGUST NINETEEN SIXTY FOUR AND NOT INVITED TO
RETURN AS HE DOES NOT GET ALONG WELL WITH OTHERS, HE IS

b6
b7c

[REDACTED]

(2)

NOT RECORDED
AUG 18 1966

Approved: [Signature]
Special Agent in Charge

Sent _____ M Per _____

Spec. Agt.

F B I

Date:

Transmit the following in _____
(Type in plaintext or code)

Via _____
(Priority)

PAGE TWO

NK 161-937

CONTEMPTUOUS OF THEIR WORK AND IS NOT A TEAM MAN. MURRAY DOES NOT SUBSTANTIATE HIS CONCLUSIONS BY CAREFUL RESEARCH AND FACTS AND STATED THEY ARE RIGHT BECAUSE HE SAYS THEY ARE RIGHT.

MEMBER OF COMMITTEE,

DEPARTMENT OF GEOLOGY, PRINCETON UNIVERSITY, PRESENTLY ATTENDING GORDON RESEARCH CONFERENCE ON GEOPHYSICAL CHEMISTRY, TILTON BOYS SCHOOL, TILTON, NEW HAMPSHIRE.

BOSTON INTERVIEW

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b7c

Approved: _____ Sent _____ M Per _____
Special Agent in Charge

8/18/66

PLAINTEXT

TELETYPE

URGENT

TO: SAC, CINCINNATI

FROM: SAC, WFO (161-3847)

BRUCE CHURCHILL MURRAY, SPI, BUDED AUGUST TWENTY, NEXT.
REBUAIRTEL AUGUST FIVE, LAST.

OFFICE OF SCIENCE AND TECHNOLOGY, WHITE HOUSE, HAS
REQUESTED INVESTIGATION OF MURRAY WHO IS BEING CONSIDERED
FOR WHITE HOUSE CLEARANCE, BORN NOVEMBER THIRTY, THIRTYONE,
NEW YORK CITY, AND RESIDES ONE FIVE THREE FIVE SIERRA MADRE
VILLA AVENUE, PASADENA, CALIFORNIA.

APPOINTEE INDICATED THAT "~~TOP SECRET~~" CLEARANCE WAS
GRANTED MARCH THIRTEEN, SIXTYTWO, THROUGH RAND CORPORATION,
SANTA MONICA, CALIFORNIA, AND CURRENTLY IN EFFECT. NO
RECORD OF CLEARANCE AT DEPARTMENT OF DEFENSE, WASHINGTON, D. C.

- 1 - Teletype Unit
- ① - Bureau
- 2 - WFO



(4)

RECEIVED
VOC IN WFO
RECEIVED

DISC

161-4635-13

NOT RECORDED
6 OCT 12 1966

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SPEC. INQ.
[Signature]

136
61 OCT 24 1966

WFO 161-3847

PAGE TWO

CINCINNATI CHECK DEFENSE INDUSTRIAL SECURITY
ORGANIZATION, COLUMBUS, OHIO.

BUREAU ADVISED

SPIN.

P.

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE ST. LOUIS	OFFICE OF ORIGIN BUREAU	DATE 8-18-66	INVESTIGATIVE PERIOD 8-16, 17-66
TITLE OF CASE BRUCE CHURCHILL MURRAY		REPORT MADE BY IC	TYPED BY
		CHARACTER OF CASE SPECIAL INQUIRY	b6 b7C

REFERENCE: WFO teletype 8-12-66, and St. Louis teletype 8-16-66.

- RUC -

- A*-

COVER PAGE

APPROVED <i>[Signature]</i>	SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW	
COPIES MADE: 1 - Bureau		161-4635	14
1 - St. Louis (161-2388)		NOT RECORDED 1 AUG 22 1966	
Dissemination Record of Attached Report		Notations	
Agency		<i>[Signature]</i> Spec. Inq.	
Request Recd.	136		
Date Fwd.			
How Fwd.	100		
By			

61 OCT 24 1966

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of:

IC [REDACTED]

Office: ST. LOUIS

b6
b7C

Date:

August 18, 1966

Field Office File #:

161-2388

Bureau File #:

Title:

BRUCE CHURCHILL MURRAY

Character:

SPECIAL INQUIRY

Synopsis:

Records FRC, St. Louis, Missouri, indicated BRUCE C. MURRAY employed by Department of Air Force, two occasions, Bedford, Mass. Terminated to pursue education and by expiration of appointment. Employed by N.A.S.A., Wash., D. C. Reason for termination not shown. Remarks by [REDACTED] not corroborated by records.

- RUC -

DETAILS: AT ST. LOUIS, MISSOURI

On August 17, 1966, a review of the personnel records, Federal Records Center, St. Louis, Missouri, indicated that BRUCE C. MURRAY was employed on March 9, 1960, as a Geophysicist (Earth Physics) with the Department of the Air Force, Air Research and Development Command, Air Force Cambridge Research Center, Geophysics Research Directorate, at Bedford, Massachusetts. This employment was terminated on August 1, 1960, as a Geophysicist (Earth Physics), reason shown as "To pursue further Education."

He was employed on August 15, 1960, as an Expert, when actually employed, with the Department of the Air Force, Air Research and Development Command, Air Force Cambridge Research Laboratory, Research and Instrumentation Laboratory, at Bedford, Massachusetts. This employment was terminated on June 30, 1961, as an Expert, when actually employed, by reason of expiration of appointment.

SL 161-2388

He was employed on August 16, 1963, as a Consultant, intermittent, not to exceed August 15, 1964, with the National Aeronautics and Space Administration, Office of Space Sciences, Planetology Subcommittee, Space Sciences Steering Committee, at Washington, D. C. This employment was terminated on August 15, 1964, as a Consultant, intermittent, reason not shown.

The records listed his supervisor at the National Aeronautics and Space Administration as [redacted] Planetology Subcommittee. No remarks were contained in the records that would corroborate the allegations attributed to [redacted] in Washington Field teletype of August 12, 1966. b6 b7C

The records contained a letter from MURRAY, dated May 4, 1964, which contained the following remarks: "I do not wish to be considered for reappointment to the Planetology Sub-Committee for the next fiscal year. A careful review of my activities during the present year suggests this action as the best means to provide for increased demands on my time . . ."

The records also contained a letter from the Associate Administrator for Space Science and Applications, undated, which refers to MURRAY's letter of May 4, 1964. This letter contains the following remarks: "May I take this occasion to express my appreciation, along with that of [redacted], for your services in connection with the meetings of the Planetology Subcommittee during this year. You have been a faithful attendant, and I am told that you have participated actively in the discussions which the Committee members have held. We will remember that you are willing to assist us on special occasions and will be in touch with you when they arise to see whether you are available at that time."

The date and place of birth were shown as November 30, 1931, at New York City, New York, and his Social Security Number was listed as 555-32-5745.

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE PHOENIX	OFFICE OF ORIGIN BUREAU	DATE 8/18/66	INVESTIGATIVE PERIOD 8/17/66
TITLE OF CASE BRUCE CHURCHILL MURRAY		REPORT MADE BY	TYPED BY
			b6
		CHARACTER OF CASE	
		SPI	

REFERENCE: WFO teletype 8/12/66.

- RUC -

I
J

APPROVED <i>J. M. ...</i>	SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW	
COPIES MADE		161-4635	15
① - Bureau (AM)		NOT RECORDED	
1 - Phoenix (161-232)		18 AUG 22 1966	
A* - COVER PAGE		<i>SEARCHED</i>	
DISSEMINATION RECORD OF ATTACHED REPORT		NOTATIONS	
AGENCY			
REQUEST RECD.			
DATE FWD.			
HOW FWD.			
BY			

61 OCT 24 1966

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of: SA [redacted] Office: Phoenix, Arizona
 Date: 8/18/66
 Field Office File #: PX 161-232 Bureau File #:
 Title: BRUCE CHURCHILL MURRAY

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Character: SPECIAL INQUIRY

Synopsis:

[redacted] Lowell Observatory, Flagstaff, Arizona, advised that MURRAY not an easy person to get along with, has a tendency to say things that were beyond scope of discussion being had on a particular subject, does too much talking; indicated that MURRAY has recently published some excellent articles; stated that MURRAY, in his opinion, is loyal citizen of U.S. and a person of good character and reputation.

- RUC -

DETAILS:

On August 17, 1966, [redacted] Lowell Observatory, Flagstaff, Arizona, advised that he had served on a steering committee with BRUCE CHURCHILL MURRAY and stated that MURRAY is not an easy person to get along with; that MURRAY, being one of about 12-15 members on the committee, would do about 25% of the talking; that he had a tendency to go into details which were beyond the scope of the particular discussion, and that he was not a good team man. [redacted] advised that recently MURRAY has published some excellent articles and he advised that, in his opinion, MURRAY is a loyal citizen of the United States and is a person of good character and reputation.

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- 1* -

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE HOUSTON	OFFICE OF ORIGIN Bureau	DATE 8/18/66	INVESTIGATIVE PERIOD 8/15 - 18/66
TITLE OF CASE BRUCE CHURCHILL MURRAY		REPORT MADE BY	TYPED BY
		CHARACTER OF CASE SPI	

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REFERENCE: WFO teletype to Newark, Houston, Phoenix, San Diego, and St. Louis dated 8/12/66.

- RUC -

J

Case has been: Pending over one year <input type="checkbox"/> Yes <input type="checkbox"/> No; Pending prosecution over six months <input type="checkbox"/> Yes <input type="checkbox"/> No			
APPROVED <i>[Signature]</i>	SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW	
COPIES MADE: ① - Bureau 1 - Houston (161-261)		11 - 4035 - 16	
		NOT RECORDED 10 AUG 22 1966	
Dissemination Record of Attached Report		Notations	
Agency	Request Recd.	Date Fwd.	How Fwd.
By			

Spec. InCh.

b6
b7C

61 OCT 24 1966

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of:

[REDACTED]

Office: Houston

Date:

August 18, 1966

Field Office File #:

Houston 161-261

Bureau File #:

Title:

BRUCE CHURCHILL MURRAY

Character:

SPECIAL INQUIRY

Synopsis:

[REDACTED] Department of Physics, University of Houston, Houston, Texas, advised he served with MURRAY from 8/19/63 to 8/19/64 on planetary subcommittee of special sciences, Steering Committee, NASA, Washington, D. C., and considered MURRAY to be a good moral character and a loyal American. He stated his only criticism of MURRAY is that he is argumentative and perhaps he has an over-rated opinion of his own knowledge and capabilities, and tries to force his opinions and conclusions on others. [REDACTED] stated he feels sure MURRAY is a good security risk.

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- RUC -

DETAILS:AT HOUSTON, TEXAS:

[REDACTED]
University of Houston, who resides at [REDACTED] advised that his acquaintance with BRUCE CHURCHILL MURRAY is limited to the period from August 19, 1963, to August 19, 1964, when he served with MURRAY on the Planetary Sub-Committee of Special Science, Steering Committee, National Aeronautics and Space Administration, Washington, D. C., during which time the committee met six times for sessions of two days each meeting. His associations with MURRAY were almost entirely professional with the exceptions of various meals taken together with other members at restaurants. [REDACTED] stated that while together at sessions in various cities of the country, the committee would be locked up together for

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HO 161-261

at least eight hours each day and such a situation made it all the more possible to become quite well acquainted with one another.

[redacted] advised that he is thoroughly convinced that MURRAY's loyalty to this Government is complete and genuine and that his honesty and integrity are beyond question. He added that he is convinced that MURRAY is a dedicated scientist and very capable in his field. He further stated that the only criticism he could make of MURRAY is that he is argumentative in that he has a perhaps over-rated opinion of his own knowledge and capabilities, and tries to force his opinions and conclusions upon others who may disagree with him.

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[redacted] advised that he feels sure that MURRAY will make a splendid security risk in whatever work he may do for the Government.

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE BOSTON	OFFICE OF ORIGIN BUREAU	DATE 8/18/66	INVESTIGATIVE PERIOD 8/11/66 - 8/18/66
TITLE OF CASE BRUCE CHURCHILL MURRAY		REPORT MADE BY [Redacted]	TYPED BY [Redacted]
CHARACTER OF CASE SPI			b6 b7C

REFERENCES Bureau airtel, dated 8/5/66.
Boston airtel to New Haven, dated 8/16/66.

- RUC -

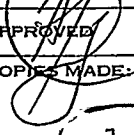
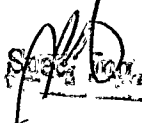
ADMINISTRATIVE

It is noted that in 1961, [Redacted] was interviewed at MIT and furnished favorable information concerning this applicant.

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On 8/15/66, [Redacted] [Redacted] Metallurgy Department, MIT, Cambridge, Mass., advised that the records of her office reflected that [Redacted] was associated with MIT in the Division of Sponsored Research until 1964. He is no longer with the Institute and [Redacted] stated the records contain no forwarding address for him.

- A* -
COVER PAGE

APPROVED 	SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW	
COPIES MADE: 1 - Bureau 1 - Boston (161-1616)		161-4635-17	REC'D
		NOT RECORDED 14 AUG 22 1966	
Dissemination Record of Attached Report		Notations	
Agency			
Request Recd.	134		
Date Fwd.			
How Fwd.	4/25		
By			

61 OCT 24 1966

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of:

[Redacted]

Office: Boston, Massachusetts

Date:

8/13/66

Field Office File #:

161-1616

Bureau File #:

Title:

BRUCE CHURCHILL MURRAY

Character:

SPECIAL INQUIRY

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Synopsis:

Former associates recommend. Results of credit and arrest checks set forth.

- RUC -

Details:

Investigation at Billerica, Massachusetts, was conducted by SA EDMUND FLANAGAN; interview of [Redacted] was conducted by SA [Redacted] and credit and arrest checks at Boston, Massachusetts, were made at the request of IC [Redacted]

1.

BS 161-1616

[redacted]

EMPLOYMENT

On August 15, 1966, [redacted] Geology Department, Massachusetts Institute of Technology (MIT), Cambridge, Massachusetts, advised he has known the applicant since the applicant was an undergraduate student at MIT. The applicant also took a PhD Degree at MIT and worked under [redacted] at the MIT Field Camp in Nova Scotia, Canada. [redacted] advised that he considered the applicant a very fine young man who has become a well known space scientist since leaving MIT. He stated that the applicant was a very bright student who has fulfilled the promise which he displayed while at MIT. He stated that the applicant has a fine basic training in the sciences connected with his specialty, that is, metallurgy, physics, geology, etc., and that he is highly competent in his field of lunar exploration.

[redacted] noted he has not seen the applicant for several years, but that he has followed his progress in scientific journals and publications of the applicant. Based on [redacted] knowledge of the applicant, he recommends him for a position of responsibility with the Government.

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*also
p 2*

I

BS 161-1616

On August 16, 1966, [REDACTED] Geophysics Research Directorate, Bedford Air Force Base, Bedford, Massachusetts, advised that he has only heard from employee on probably two occasions since the employee left Bedford Air Force Base in approximately 1960. He stated that he was previously interviewed concerning the employee, recommended him at that time and there is no reason for him to change his thoughts concerning this individual.

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CREDIT

On August 12, 1966, personnel of the Credit Bureau of Greater Boston, Inc., 6 St. James Street, Boston, Massachusetts, advised that the files of that bureau contained no information identifiable with BRUCE CHURCHILL MURRAY.

BS 161-1616

1.

[redacted] Credit Bureau of Greater Lowell, 45 Merrimac Street, Lowell, Massachusetts, which covers Billerica, Massachusetts, advised on August 16, 1966, that the files of that bureau contained no information concerning the employee, BRUCE CHURCHILL MURRAY.

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BS 161-1616

ARREST

On August 12, 1966, personnel of the Office of the Massachusetts Commissioner of Probation, Suffolk County Courthouse, Boston, Massachusetts, a central repository for criminal and traffic conviction records in the Commonwealth of Massachusetts, advised that the files of that office contained no information identifiable with BRUCE CHURCHILL MURRAY.

On August 11, 1966, personnel, Records Division, Boston, Massachusetts Police Department, advised that the files of that department contained no information identifiable with BRUCE CHURCHILL MURRAY.

On August 16, 1966, [REDACTED] Bedford, Massachusetts Police Department, advised that the files of that department contained no information identifiable with BRUCE CHURCHILL MURRAY.

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On August 16, 1966, [REDACTED] Clerk, Records Bureau, Cambridge, Massachusetts Police Department, advised that the files of that department contained no information identifiable with the employee, BRUCE CHURCHILL MURRAY.

BS 161-1616



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I.
Chief JOSEPH RYAN, Billerica, Massachusetts Police Department, advised on August 16, 1966, that the files of that department contained no information identifiable with the employee, BRUCE CHURCHILL MURRAY, born November 30, 1931 at New York, New York.

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE MEXICO, D. F.	OFFICE OF ORIGIN BUREAU	DATE 8/18/66	INVESTIGATIVE PERIOD 8/12 - 18/66
TITLE OF CASE BRUCE CHURCHILL MURRAY		REPORT MADE BY SA 	TYPED BY
		CHARACTER OF CASE SPECIAL INQUIRY	b6 b7C

SYNOPSIS:

No arrest record for BRUCE CHURCHILL MURRAY or relatives located at Mexico, D. F. MURRAY's father operates public relations office in Mexico, D. F.

- RUC -

REFERENCE: Buairtel to WFO dated 8/5/66.

ADMINISTRATIVE:

The Los Angeles Office is being furnished an information copy of this report as they have previously conducted investigation regarding MURRAY's father, JOSEPH CHURCHILL MURRAY.

SOURCE:

A confidential source abroad, referred to in this report, is

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APPROVED NLF/	SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW		
COPIES MADE:		161-4635-	18	REC 17
③ - Bureau (1 - Liaison Section) (1 - Los Angeles, Info.) 1 - Mexico City (161-10)	cc cont. 1/15 8/26/66	NOT RECORDED		ST 100
		9 AUG 23 1966		
DISSEMINATION RECORD OF ATTACHED REPORT		NOTATIONS		
AGENCY		Special Inq.		
REQUEST RECD.	136			
DATE FWD.				
HOW FWD.				
BY				

61 OCT 24 1966



UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

WASHINGTON 25, D. C.

August 18, 1966

In Reply, Please Refer to
File No.

BRUCE CHURCHILL MURRAY

~~The following information was obtained from a confidential source who has advised that the above named individual is a U. S. citizen and in March, 1956, [redacted] born in El Salvador, El Salvador. In 1959, [redacted] who was a citizen of El Salvador.~~

The 1965-1966 Anglo-American directory of Mexico lists CHURCHILL MURRAY, American, as President of Murmex, S.A., a public relations office at Calle Shakespeare 6-401, Mexico, D. F. His residence is listed as Euler 152-308, Polanco, Mexico, D. F. JF
CME

A confidential source abroad has advised that JOSEPH CHURCHILL MURRAY was born on November 20, 1903, at Mexico, D. F., Mexico. His address in 1962 was Euler 152, Polanco, Mexico, D. F. He is a U. S. citizen and in March, 1956, [redacted] born in El Salvador, El Salvador. In 1959, [redacted] who was a citizen of El Salvador. b6
b7C

Searches of the following names through the [redacted]

[redacted] disclosed no information identifiable with them: b7D

BRUCE CHURCHILL MURRAY
JOSEPH CHURCHILL MURRAY
ESTHER HIGGINS MURRAY

[redacted]

There is no central credit reporting agency in Mexico, D. F. b6
b7C

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE BOSTON	OFFICE OF ORIGIN BUREAU	DATE 8/19/66	INVESTIGATIVE PERIOD 8/19/66
TITLE OF CASE BRUCE CHURCHILL MURRAY		REPORT MADE BY <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	BY <div style="border: 1px solid black; width: 40px; height: 20px; display: inline-block;"></div>
		CHARACTER OF CASE SPI	b6 b7C

REFERENCE: Albuquerque airtel, 8/15/66.

- RUC -

- A* -
COVER PAGE

Case has been: Pending over one year Yes No; Pending prosecution over six months Yes No

APPROVED: SPECIAL AGENT IN CHARGE COPIES MADE: ① - Bureau 1 - Boston (161-1616)	DO NOT WRITE IN SPACES BELOW <div style="font-size: 2em; font-weight: bold; margin: 10px 0;">161-4035-19</div> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> NOT RECORDED AUG 22 1966 </div>
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Dissemination Record of Attached Report <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Agency</td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> <tr> <td>Request Recd.</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Date Fwd.</td> <td></td> <td></td> <td></td> </tr> <tr> <td>How Fwd.</td> <td></td> <td></td> <td></td> </tr> <tr> <td>By</td> <td></td> <td></td> <td></td> </tr> </table>	Agency				Request Recd.				Date Fwd.				How Fwd.				By				Notations
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61 OCT 24 1966

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of:

[Redacted]

Office: Boston, Massachusetts

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Date:

8/19/66

Field Office File #:

161-1616

Bureau File #:

Title:

BRUCE CHURCHILL MURRAY

Character:

SPECIAL INQUIRY

Synopsis:

Employment as consultant at Edgerton. Germeshausen, and Greer, Inc. verified. All information favorable.

- RUC -

Details:

[Redacted] Edgerton, Germeshausen, and Greer, Inc., 160 Brookline Avenue, Boston, Massachusetts, advised August 19, 1966, that BRUCE CHURCHILL MURRAY was a consultant to his company from approximately November, 1960, until this consultantship was terminated on April 9, 1962. [Redacted] stated that while Mr. MURRAY was a consultant, he resided at 383 South Catalina Avenue, Pasadena, California, and that he was unaware of any individuals in Boston who would have had contact with him during that period. He advised that all information contained in their files was favorable.

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FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE BOSTON	OFFICE OF ORIGIN BUREAU	DATE 8/19/66	INVESTIGATIVE PERIOD 8/19/66	b6 b7C
TITLE OF CASE BRUCE CHURCHILL MURRAY		REPORT MADE BY <div style="border: 1px solid black; height: 20px; width: 100%;"></div>		
		CHARACTER OF CASE SPI		

REFERENCE: Newark teletype to Boston, dated 10/17/66.

- RUC -

- A* -
COVER PAGE

Case has been: Pending over one year Yes No; Pending prosecution over six months Yes No

APPROVED SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW <div style="font-size: 2em; font-family: cursive;">161-4635-20</div> NOT RECORDED AUG 22 1966
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Agency	Request Recd.	Date Fwd.	How Fwd.	

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UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of:
Date:

SA [REDACTED]
8/19/66

Office: Boston, Massachusetts

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Field Office File #:

161-1616

Bureau File #:

Title:

BRUCE CHURCHILL MURRAY

Character:

SPECIAL INQUIRY

Synopsis:

[REDACTED] Department of Geology, Princeton University, Princeton, N.J., interviewed at Tilton, N.H., recommends MURRAY.

- RUC -

DETAILS:EMPLOYMENT

[REDACTED] Department of Geology, Princeton University, Princeton, New Jersey, interviewed at the Tilton School, Tilton, New Hampshire, advised he has known Professor MURRAY both professionally and personally for four or five years, having also served with him on the Planetology Sub Committee of Special Science, Steering Committee, National Aeronautics and Space Agency, Washington, D.C., approximately August, 1963 to August, 1964. Although rather young, MURRAY did a good job on the Sub Committee and made a good presentation to the Ramsey Committee, a NASA Committee. He believes that MURRAY is no longer on this Committee inasmuch as membership is of a rotating nature. He has no criticism of his work as a member.

BS 161-1616

said that MURRAY's character, associations, loyalty and reputation are above reproach and he recommended him.

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FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE LOS ANGELES	OFFICE OF ORIGIN BUREAU	DATE 8/19/66	INVESTIGATIVE PERIOD 8/8/66 - 8/18/66
TITLE OF CASE BRUCE CHURCHILL MURRAY		REPORT MADE BY	TYPED BY
		CHARACTER OF CASE SPECIAL INQUIRY	

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REFERENCE: Bureau airtel to Los Angeles dated 8/5/66.

- RUC -

INFORMANTS

SOURCE

LOCATION

116-67467-10

116-50823-6

121-2320-14

Handwritten initials/signature

- A* -
COVER PAGE

Case has been: Pending over one year Yes No; Pending prosecution over six months Yes No

APPROVED <i>[Signature]</i>	SPECIAL AGENT IN CHARGE
COPIES MADE:	

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161-4135-21	
NOT RECORDED 16 AUG 22 1966	

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b7C

- ① - Bureau
- 1 - Los Angeles (161-1060)

Dissemination Record of Attached Report			
Agency			
Request Recd.			
Date Fwd.			
How Fwd.			
By			

Notations

[Handwritten signature]

61 OCT 24 1966

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of: [REDACTED]

Office: Los Angeles, California

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Date: 8/19/66

Field Office File #: 161-1060

Bureau File #:

Title: BRUCE CHURCHILL MURRAY

Character: SPECIAL INQUIRY

Synopsis:

Appointee's residence and employment verified. One of appointee's personal associates unavailable for interview. Other personal associates and references recommend appointee as to character, associates, reputation, and loyalty, and for a high position of trust. Appointee [REDACTED] have maintained satisfactory credit rating since October, 1960, with no derogatory information contained in their file. No arrest record located for appointee or [REDACTED]. An article appeared in the 2/26/66 issue of the "Los Angeles Times" newspaper which was a comparison of U. S. and Soviet efforts in the space program made by the appointee and MERTON E. DAVIES, which appeared in an article for Science, Journal of the American Association for the Advancement of Science. Appointee's father was reportedly a member of the Communist Party (CP) from about 1937 to about 1939 at which time he was dropped from the CP. Appointee's mother reportedly spoke at political affairs at places which were meeting places of or operated by the CP in 1944. Appointee's mother reportedly attended a CP meeting in 1934. Appointee's mother was reportedly supported by the Independent Progressive Party when she was a Democratic Congressional candidate in 1950. Appointee's mother was reportedly supported in her political campaign for Congress from the 16th Congressional District in 1950 by the Committee of 1000.

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LA 161-1060

DETAILS

This investigation was conducted as follows:

SA [redacted]
Pasadena, California
La Canada, California

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SA [redacted]
Santa Monica, California

SE [redacted]
Los Angeles Traffic Violations Bureau
"Los Angeles Times" and "Los Angeles
Herald-Examiner" Newspaper Libraries

IC [redacted]
Los Angeles Police Department
Los Angeles County Sheriff's Office
Retail Merchants Credit Association
Los Angeles, California

RESIDENCE

Vicinity of
1535 Sierra Madre Villa
Pasadena, California

On August 15, 1966 [redacted]
[redacted] advised that she has personally lived in this
neighborhood approximately [redacted] said that during
this time she has become acquainted with the appointee and [redacted]
[redacted] and that she finds them to be very reputable people.
[redacted] said that the appointee and [redacted] are of excellent
character and reputation and appear to be loyal and patriotic
Americans. [redacted] said that she does not know any of the
appointee's associates and could, therefore, not comment
concerning them. [redacted] said that from her knowledge of the
appointee, she would recommend him for a high position of trust.

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LA 161-1060

On August 15, 1966, [redacted] advised that the appointee and [redacted] have lived in this neighborhood for approximately [redacted]. [redacted] said that the appointee and [redacted] are very good neighbors and seem to associate with very reputable people. [redacted] said that from her short acquaintance with the appointee she would recommend him as to his character, reputation, and loyalty. [redacted] said that the appointee seems to be the type of person that she would recommend for a high position of trust.

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On August 15, 1966, [redacted] advised that the appointee and [redacted] moved into this neighborhood in about February, 1966. [redacted] said that she has only met the appointee on one occasion but that he and [redacted] appeared to be very reputable people. She said that the appointee and [redacted] are neat and have been very good neighbors. [redacted] said that she does not feel that she knows the appointee well enough to comment concerning his loyalty or background.

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Vicinity of
1175 Leonard Avenue
Pasadena, California

On August 15, 1966, [redacted] advised that [redacted] the appointee and that [redacted] also knows the appointee as a result of [redacted] working as an engineer at the Jet Propulsion Laboratories in Pasadena. [redacted] said that the appointee and his [redacted] are very nice people and they both had been well regarded in the neighborhood. [redacted] said that she would highly recommend the appointee as to his character, associates, reputation, and loyalty. She said that the appointee is the type of individual that she would recommend for a high position of trust.

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On August 15, 1966, [redacted] advised that the appointee and [redacted] had been her neighbors when they had lived in the neighborhood.

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[redacted] said that she and [redacted] were very close socially to the appointee and [redacted]. She said that the appointee and [redacted] are loyal Americans and of excellent character and reputation. [redacted] said that the appointee associates with very reputable people and has good personal habits. [redacted] said that she would, without hesitation, recommend the appointee for a high position of trust.

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Vicinity of
383 South Catalina Avenue
Pasadena, California

On August 15, 1966, [redacted] advised that she has personally only lived in this neighborhood for [redacted] and does not know the appointee or [redacted].

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On August 15, 1966, [redacted] advised that the appointee and [redacted] had been her neighbors when they had lived in this neighborhood about [redacted]. [redacted] said that the appointee and [redacted] were very nice people and had been very good neighbors. [redacted] commented favorably concerning the appointee as to his character, associates, reputation, and loyalty. She said that the appointee is the type of individual that she would recommend for a high position of trust.

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On August 15, 1966, [redacted] advised that the appointee and [redacted] had lived at [redacted] ago and that they had been very good neighbors. She said that the appointee and [redacted] associate with reputable people and are of good character and reputation. [redacted] said that she would recommend the appointee for a high position of trust.

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EMPLOYMENT

California Institute of Technology
Pasadena, California

On August 11, 1966, [redacted] Provost Office, Faculty Department, advised that records of that office reflect

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that the appointee, BRUCE CHURCHILL MURRAY, born November 30, 1931, at New York City, New York, is currently employed by that school as an associate professor and has been employed as such since July 1, 1963. [redacted] said that appointee began his association with that school on August 1, 1960, in the Research Department. [redacted] said that the records reflect that the appointee is well regarded professionally. She said that the appointee does much of his work in conjunction with the Jet Propulsion Laboratories which are affiliated with the California Institute of Technology.

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On August 11, 1966, [redacted] advised that the appointee is presently an associate professor in the Planetary Science field and has worked closely with the Jet Propulsion Laboratories on the past Mariner and Lunar explorations. [redacted] said the appointee is well regarded professionally and is a responsible, intelligent individual. [redacted] recommended the appointee as to his character, associates, reputation, and loyalty, and advised that he would, without hesitation, recommend the appointee for a high position of trust.

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On August 11, 1966, [redacted], Astrophysics and Astronomy, advised that the appointee is his colleague and that they work in closely related fields. [redacted] said that the appointee is very active in the planning of the space program. He said the appointee has a great amount of energy, imagination, and skill. [redacted] highly recommended the appointee as to his character, associates, reputation, and loyalty. [redacted] said that he would, without hesitation, recommend the appointee for a high position of trust.

On August 15, 1966 [redacted] Geological Sciences Division, advised that the appointee is actually a geologist who has come into planetary and lunar studies including the fields of geophysics and planetary science. [redacted] said that the appointee is highly regarded professionally. [redacted] said that the appointee works within his divisional group and that the appointee has maintained an outstanding work record. [redacted] commented favorably concerning the appointee's character, associates, reputation, and loyalty. He said that he would highly recommend the appointee for a high position of trust.

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On August 15, 1966, [redacted] Geochemistry, advised that he knows the appointee as a colleague and also as a neighbor. [redacted] advised that the appointee had been his neighbor when the appointee lived at 1175 Leonard Avenue, Pasadena, California. [redacted] said that the appointee is active in local politics and is a strong supporter of one of the major political parties. [redacted] said that the appointee is well regarded as a scientist and has worked on several space programs in conjunction with the Jet Propulsion Laboratories. [redacted] highly recommended the appointee as to his character, associates, reputation, and loyalty, and stated that he would, without hesitation, recommend the appointee for a high position of trust. [redacted] said that another colleague of the appointee, [redacted] is out of the state at the present time and will not be available for interview until about the first of September, 1966.

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On August 11, 1966, [redacted] Theoretical Physics, advised that he is well acquainted with the appointee although they work in different fields. [redacted] said that he does not know any of the appointee's social acquaintances and could not comment concerning them, but he recommended the appointee as to his character, associates, reputation, and loyalty. [redacted] said that he would highly recommend the appointee for a high position of trust.

REFERENCES

On August 15, 1966, [redacted] Division Chief, Space Sciences Division, Jet Propulsion Laboratories, Pasadena, California, advised that he has known the appointee both professionally and socially for about four or five years. He said that he and the appointee have worked jointly on some space activities. [redacted] said that the appointee is a dependable and dedicated scientist who has an excellent professional reputation. [redacted] commented favorably as to the appointee's character, associates, reputation, and loyalty. He stated that he would highly recommend the appointee for a high position of trust.

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LA 161-1060

On August 15, 1966, [redacted]
[redacted] Geological Sciences, California Institute of Technology, Pasadena, California, advised that he is a colleague of the appointee's having known and worked with the appointee for about five years. [redacted] said that both he and the appointee are involved in work and research with planetary geophysics. He said that the appointee enjoys an excellent professional reputation and is a capable and intelligent scientist. [redacted] recommended the appointee as to his character, associates, reputation, and loyalty. He said that he would, without hesitation, recommend the appointee for a high position of trust.

PERSONAL ASSOCIATES

On August 15, 1966, [redacted]
Electronics Department, Rand Corporation, Santa Monica, California, advised that he has known the appointee both professionally and socially for about five years. [redacted] said that the appointee is intellectually and academically very competent. [redacted] commented favorably as to the appointee's character, associates, reputation, and loyalty. [redacted] said the appointee has high moral standards and good personal habits. [redacted] said that he would highly recommend the appointee for a high position of trust.

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On August 15, 1966, [redacted]
[redacted] Materials Division, Jet Propulsion Laboratories, La Canada, California, advised that he has known the appointee for about four or five years. [redacted] said that he met the appointee while they were working together on joint space projects. [redacted] said the appointee is well regarded both professionally and socially and is a very capable and competent scientist. [redacted] recommended the appointee as to his character, associates, reputation, and loyalty. He said that the appointee is very active in one of the major political parties. [redacted] said that he would highly recommend the appointee for a high position of trust.

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LA 161-1060

On August 16, 1966, [redacted] California, advised that she is the [redacted] for [redacted] listed by the appointee as personal associates. [redacted] said that [redacted] are presently on an extended camping trip and that [redacted] will not be available for interview until about the first week of September, 1966.

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CREDIT AND ARREST

On August 11, 1966, records of the Pasadena, California, Merchants Association were caused to be searched concerning the appointee and [redacted]. These records reflect that the appointee and [redacted] have maintained a satisfactory credit rating since October, 1960, with no adverse or derogatory information contained in their file.

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On August 10, 1966, records of the Los Angeles Retail Merchants Credit Association were caused to be searched concerning the appointee and [redacted]. These records reflect that the appointee and [redacted] have maintained a satisfactory credit rating since August, 1961, with no derogatory or adverse information contained in their file.

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On August 11, 1966, records of the Pasadena, California, Police Department were caused to be searched concerning the appointee and [redacted]. No record was located.

On August 15, 1966, records of the Santa Monica, California, Credit Association were caused to be searched concerning the appointee and [redacted]. No record was located.

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On August 16, 1966, records of the Santa Monica, California, Police Department were caused to be searched concerning the appointee and [redacted]. No record was located.

On August 11, 1966, records of the Los Angeles Police Department and Los Angeles County Sheriff's Office, Los Angeles, California, were caused to be searched concerning the appointee and [redacted]. No record was located.

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LA 161-1060

On August 12, 1966, records of the Los Angeles Traffic Violations Bureau were caused to be searched concerning the appointee and [redacted]. No record was located.

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MISCELLANEOUS

On August 15, 1966, records of the "Los Angeles Times" newspaper and "Los Angeles Herald-Examiner" newspaper libraries were caused to be searched concerning the appointee. No record was located at the "Los Angeles Herald-Examiner" library. Records of the "Los Angeles Times" library reflect that an article appeared in the February 26, 1966, issue of the "Los Angeles Times" which was taken from an article that appeared in Science, Journal of the American Association for the Advancement of Science. This article was by Dr. BRUCE C. MURRAY and MERTON E. DAVIES. Dr. MURRAY was described as an associate professor of planetary science at the California Institute of Technology. DAVIES was described as a Senior Staff Member of the Rand Corporation, Santa Monica, California. This article compared the United States and Soviet efforts in the space program. In comparing United States and Soviet efforts the authors agreed that two United States successes in four tries might indicate this nation will remain ahead in the inter-planetary race. The authors emphasized, however, that the Soviet has placed - and continues to place - much emphasis on unnamed exploration of the planets. They noted that while Russia has been launching inter-planetary probes since 1960 with systems specifically designed for the purpose, the United States programs, starting two years later, has been plagued by delays and frequently improvised.

WILLIAM F. HYNES, now deceased, a retired Los Angeles Police Department Captain who in the course of his official duties in the late 1930's conducted investigations of the Communist Party (CP) activities in the Los Angeles area, advised that JOSEPH C. MURRAY, the appointee's father, using the name of ALAN MC DONALD, joined the CP in 1937. HYNES further stated that MURRAY was also known to have been a member of the CP in 1938 while residing at 523 7th Street, Santa Monica, California.

LA T-2 advised in February, 1943, that MURRAY, a member of the CP in Santa Monica, California, residing at 523 7th Street, was dropped from the CP prior to March 12, 1939, and was not to be re-admitted. MURRAY was dropped from the CP due to the fact that he had been tabbed a "stool pigeon."

LA 161-1060

In 1944 [redacted] who was a member of the CP and who furnished information concerning CP activities from 1943 to 1947, advised that on April 13, 1944, Mrs. CHURCHILL MURRAY of 523 7th Street, Santa Monica, California, the appointee's mother, was among those in attendance at a meeting of the Bay Cities CP Club. [redacted] further advised that at a political gathering sponsored by the Ocean Park Businessmen on September 21, 1944, at 12 Pier Avenue, Ocean Park, California, Mrs. CHURCHILL MURRAY was chairman of the meeting. Mrs. MURRAY was identified at that time as being a member of the Women's Democratic National Committee and was introduced by [redacted] a member of the Bay Cities CP Club. [redacted] stated that Mrs. MURRAY spoke at this meeting regarding political matters in connection with the forthcoming election. [redacted] said that the time and place of this meeting was the time and place scheduled for the regular meeting of the Bay Cities CP Club.

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In 1944, HAROLD BURDETTE MOFFITT who was a member of the CP from 1933 to 1944, now deceased, who furnished the FBI information from October, 1940, to December, 1944, advised that in June, 1944, Mrs. CHURCHILL MURRAY was a speaker at the Downtown Forum which was operated by the Los Angeles County CP in 1944. Mrs. MURRAY's topic was "What The Primaries Show." MOFFITT said that Mrs. MURRAY at that time was Assistant Director of the Women's Division of the Democratic Central Committee.

LA T-1 advised in July, 1952, that ESTHER MURRAY was known to him as a member of the State Democratic Committee and a candidate in the 16th Congressional District. LA T-1 further advised that in the daily "People's World," a West Coast communist newspaper, September 24, 1948, page 3, appeared an article stating that Mrs. ESTHER MURRAY, Vice Chairman of the State Democratic Committee, was to be hostess at a barbecue in honor of [redacted] the 59th Assembly District, Independent Progressive Party (IPP) (See Appendix), Democratic candidate.

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In December, 1960, LA T-1 advised that at a meeting of the WEN-Mar Chapter of the IPP, held on May 4, 1950, in Culver City, California, the people in attendance were urged to

LA 161-1060

support ESTHER MURRAY for Congress in the 16th District, indicating that although ESTHER MURRAY once refuted the IPP she was now ready to accept their support.

LA T-1 advised that a leaflet issued and distributed by the Committee of 1000 for ESTHER MURRAY urged voters to vote for ESTHER MURRAY, a candidate for Congress from the 16th Congressional District.

The Guide to Subversive Organizations and Publications published May 14, 1951, by the Committee on Un-American Activities, United States House of Representatives, Washington, D. C., on page 38, states that the Committee of 1000 was a communist created and controlled front organization which was created to raise funds for defense of the 19 unfriendly witnesses before the Congressional Committee on Un-American Activities investigation of communist activity in Hollywood, 10 of whom were indicted for contempt of Congress.

LA T-1 advised that a clipping from the "Los Angeles Examiner" newspaper dated September 26, 1950, reflected that Mrs. ESTHER MURRAY, 16th District Democratic Candidate for Congress, praised President TRUMAN's veto of the communist control bill.

In 1949 the FBI conducted an investigation of JOSEPH CHURCHILL MURRAY, appointee's father, under the provisions of Executive Order 9835. By letter dated June 20, 1952, the Civil Service Commission advised that MURRAY withdrew from consideration prior to decision on loyalty.

APPENDIX

INDEPENDENT PROGRESSIVE PARTY (IPP)

An informant advised on December 11, 1956, that the IPP was formed in California in 1948 and went out of existence following the 1954 election when it failed to poll sufficient votes to retain its place on the ballot.

The "Guide to Subversive Organizations," revised, December 1, 1961, p. 85, describes the IPP as follows:

Characterized as "the California section of the national Progressive Party." "The Progressive Party, including its California branch, certainly ranks as one of the largest and most successful fronts ever created by the Communists."

(Committee on Un-American Activities Annual Report for 1956, House Report 53, February 11, 1957, p. 34.)



UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
Los Angeles, California
August 19, 1966

In Reply, Please Refer to
File No. LA 161-1060

Title BRUCE CHURCHILL MURRAY

Character SPECIAL INQUIRY

Reference Report of SA [redacted]
dated and captioned as above at
Los Angeles, California

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All sources (except any listed below) whose identities are concealed in referenced communication have furnished reliable information in the past.

8/20/66

AIRTEL

TO : SAC, TAMPA

FROM : SAC, NEW HAVEN (161-764) (RUC)

SUBJECT: ³ BRUCE CHURCHILL MURRAY
SPI

BUDED: 8/20/66

Re Boston airtel to New Haven, 8/16/66, copy of which is enclosed for Tampa and Miami.

[redacted] on 8/19/66, advised that [redacted] Major CHARLES S. HAWKINS, USAF, Retired, and his wife, are currently vacationing in Florida. They are either at their cottage at 32 South Medford Ave., Tarpa, or more like are visiting friends, names not known, in Fort Lauderdale. He added that mail for his parents is being sent to General Delivery, USPO, Fort Lauderdale, at the present time.

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TAMPA:

At Tarpa, Fla.

Attempt to locate Major CHARLES S. HAWKINS and interview. If not at his Tampa residence will attempt to locate a definite residence for him at Fort Lauderdale.

MIAMI:

At Fort Lauderdale, Fla.

Will contact USEO in effort to ascertain current whereabouts of Major CHARLES S. HAWKINS and interview.

- 2- Tampa (Enc 1)
- 2- Miami (Enc 1)
- 1- Bureau
- 1- New Haven

161-4135-23
NOT RECORDED

9 AUG 23 1966

Spec. Inv.

61 OCT 24 1966

(6)

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE CINCINNATI	OFFICE OF ORIGIN BUREAU	DATE 8/22/66	INVESTIGATIVE PERIOD 8/19/66
TITLE OF CASE BRUCE CHURCHILL MURRAY		REPORT MADE BY IC	TYPED BY
		CHARACTER OF CASE SPI	

REFERENCE: WF0teletype to Cincinnati dated 8/18/66.

- RUC -

Case has been: Pending over one year <input type="checkbox"/> Yes <input type="checkbox"/> No; Pending prosecution over six months <input type="checkbox"/> Yes <input type="checkbox"/> No			
APPROVED <i>WPS/k</i>	SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW	
COPIES MADE: ① - Bureau 1 - Cincinnati (161-469)		161-4635-	24
		NOT RECORDED 9 AUG 25 1966	
Dissemination Record of Attached Report		Notations	
Agency	Request Recd.	Date Fwd.	How Fwd.
By			
- A* -		COVER PAGE	

61 OCT 24 1966

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of:
Date:

IC [REDACTED]
8/22/66

Office: Cincinnati

b6
b7C

Field Office File #:

161-469

Bureau File #:

Title:

BRUCE CHURCHILL MURRAY

Character:

SPECIAL INQUIRY

Synopsis:

Records DISCO show MURRAY to possess active "~~Top Secret~~" clearance, issued 3/6/62.

- RUC -

DETAILS:AT COLUMBUS, OHIO.

On August 19, 1966, [REDACTED] Clerk, Central Index Files, Defense Industrial Security Clearance Office, advised that BRUCE CHURCHILL MURRAY, date of birth November 30, 1931, possesses a "~~Top Secret~~" clearance which was issued on March 6, 1962. Basis listed as background investigation dated May 18, 1957, conducted by the 4th District, Office of Special Investigations (OSI), Bolling Air Force Base, Washington, D.C., and background investigations dated January 17, 1962, and May 28, 1962, both conducted by the 18th District, OSI, Norton Air Force Base, California. Clearance issued by Western Contract Management Region, Air Force Station, Meriloma, California. Employer listed as Rand Corporation, Santa Monica, California.

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1*

8/25/66

AIRTEL

AIRMAIL

TO: SAC, MIAMI

FROM: SAC, TAMPA (161-279) (RUC)

BRUCE CHURCHILL MURRAY

SPI

BUDED: 8/20/66

ReNHairtel to Tampa, 8/20/66.

A check of the City Directory, Tampa and records of the Tampa Fire Department, failed to reflect any listing of Medford Ave., in the Tampa area. A check of the records of [redacted] failed to reflect any telephone listing for a CHARLES S. HAWKINS.

b7D

LEADS:

MIAMI DIVISION

AT FT. LAUDERDALE, FLA.

Will contact U.S. Post Office in an effort to ascertain current whereabouts of Major CHARLES S. HAWKINS and interview.

- 2-Miami
- 1-Bureau (Info.)
- 1-New Haven (Info)
- 1-Tampa

(5)

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161-7135-25
NOT RECORDED
10 AUG 27 1966

136
OCT 24 1966

Special Agent

F B I

Date: 8/26/66

Transmit the following in _____
(Type in plaintext or code)

Via AIRTEL _____
(Priority)

TO: DIRECTOR, FBI
FROM: SAC, MIAMI (161-448) (RUC)

BRUCE CHURCHILL MURRAY
SPI

Re New Haven airtel to Tampa 8/20/66.

[redacted] (protect), Clerk, U.S. Post Office, Ft. Lauderdale, Fla., advised on 8/26/66 that Post Office records contained no information on a Major CHARLES S. HAWKINS.

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Inquiry among Post Office personnel failed to reflect anyone named HAWKINS as making inquiry for mail.

- LEAD -

TAMPA:

AT TAMPA, FLA.

Continue to attempt to locate Major CHARLES S. HAWKINS as set out in reairtel.

- 3 - Bureau
- 2 - Tampa
- 1 - Miami

[redacted]

(b)

[redacted]

161-4035-26

AUG 30 1966

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b7C

61 OCT 24 1966

Approved: _____
Special Agent in Charge

Sent _____ M Per _____

9/1/66

Airtel

To: SAC, Tampa (161-279)

From: Director, FBI

BRUCE CHURCHILL MURRAY
SPI

Re Miami airtel 8/26/66.

Discontinue further efforts to locate Major Charles S.
Hawkins. Consider case RUC.

MAILED 4
SEP 1 1966
COMM-FBI

161-4635-27
NOT RECORDED

6 OCT 12 1966

- Tolson _____
- DeLoach _____
- Mohr _____
- Wick _____
- Casper _____
- Callahan _____
- Conrad _____
- Felt _____
- Gale _____
- Rosen _____
- Sullivan _____
- Tavel _____
- Trotter _____
- Tele. Room _____
- Holmes _____
- Gandy _____

136
 [Redacted Box] [Redacted Box]

61 OCT 24 1966

MAIL ROOM TELETYPE UNIT

William R. Burke
Room 1254

b6
b7c

V
1/1/66
11

9/2/66

AIRTEL

AIRMAIL

TO: SAC, NEW HAVEN (161-764)
FROM: SAC, TAMPA (161-279) (RUC)
DEUCE CHURCHILL MURRAY
SPI
BUDED PAST

ReTPairtel to NH, 9/2/66.

Bureau has advised to discontinue efforts to locate
CHARLES S. HAWKINS.

Handwritten scribble

2 New Haven
1 Bureau (Info)
1 - Tampa

[Redacted box]

(4)

161-764-35
NOT RECORDED
6 SEP 5 1966

28

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b7c

Stamp: SEP 1966

136

SEP 2 1966

610012 1966

9/2/66

AIRTEL

AIRMAIL

TO: SAC, NEW HAVEN (161-764)
FROM: SAC, TAMPA (161-279) (RUC)
BRUCE CHURCHILL MURRAY
SPI
BUDED PAST

RENairtel to TP dated 8/26/66, TPairtel to MM dated 8/25/66, and MMairtel to Bureau dated 8/26/66.

For information of New Haven, investigation by the Miami Division at Fort Lauderdale, Florida was negative concerning Major CHARLES S. HAWKINS.

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On 9/1/66 the following individuals were contacted at Tampa, Florida and advised that the records of their respective agencies contained no information identifiable with Major CHARLES S. HAWKINS, 32 South Medford Avenue, Tampa, Florida.

[redacted] Traffic Records, Hillsborough
County SO:
[redacted] Identification Bureau, Hillsborough
County SO:
[redacted] Traffic Violations Section, Tampa PD;
[redacted] Tampa PD;
[redacted], Tampa Credit Bureau.

LEAD:

NEW HAVEN

AT SOUTH WINDSOR, CONNECTICUT

- 2 - New Haven
- 1 - Bureau (Info)
- 1 - Miami (161-448) (Info)
- 1 - Tampa

(5)

285 2 1 3811

161-448-35-29
NOT RECORDED

6 SEP 5 1966

61 OCT 24 1966

Spec. Inv.

TP 161-279

Recontact [redacted]
for any information concerning the location of [redacted]
Major CHARLES S. HAWKINS, USAF Retired.

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F B I

Date: 9/7/66

Transmit the following in _____
(Type in plaintext or code)

Via AIRTEL _____
(Priority)

TO: DIRECTOR, FBI
FROM: SAC, WFO (161-3847) (RUC)

BRUCE CHURCHILL MURRAY
SPI
Buded: 8/20/66.

Re report of SA [redacted] at Washington,
D. C. dated 8/19/66.

A review of the files of OSI Headquarters,
Washington, D. C., on 9/7/66 as made available to SA [redacted]
[redacted] revealed no additional pertinent information
concerning the appointee. The files made available consisted
of OSI Reports of Investigation entitled " BRUCE CHURCHILL
MURRAY (DOB 30 Nov 31) Contractor Employee - Consultant the
Rand Corporation, 1700 Main Street, Santa Monica, California -
Communist Matters," as follows:

- SA [redacted] dated 2/16/62.
- SA [redacted] dated 3/16/62.
- SA [redacted] dated 3/16/62.
- SA [redacted] dated 3/19/62.
- SA [redacted] dated 4/9/62.
- SA [redacted] dated 4/19/62.

- ① - Bureau
- 1 - WFO

[redacted]

(2)

161-4635-

RECORDED

OCT 12 1966

30

SPECIAL AGENT

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Special Agent in Charge

Sent _____ M Per _____

61 OCT 24 1966

JOP

WFO 161-3847

The above investigation was predicated on information in files of the FBI Headquarters which indicated appointee's father, JOSEPH CHURCHILL MURRAY, was reportedly a member of the Communist Party and League of American Writers and while employed as Labor Officer, U.S. Army - Japan, appointee's father had been suspected of being friendly with members of Japanese Communist Party. Appointee's mother, ESTHER HIGGINS MURRAY, also reportedly attended communist sponsored meetings and was associated with reputed communist.

Also furnished was report of SA dated 3/18/57, Report of Investigation captioned "BRUCE CHURCHILL MURRAY (DOB 20 Nov 31) Second Lieutenant, A03011238, Air Force Reserve - Inactive, 4524 Perlita Street, New Orleans, Louisiana," which contained a sworn signed statement dated 3/13/57 by the appointee in which he ~~declined~~ ^{DENIED} knowingly associating with persons who are affiliated with or sympathetic to communist ideology or movement, and ~~declined~~ ^{DENIED} knowledge that his parents had ever been affiliated or associated with organizations or persons sympathetic to communism.

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- 1 - Mr. Gale
- 1 - Mr. Cleveland
- 1 - [redacted]

September 7, 1966

BY LIAISON

photo
cc to: *CPM*
REQ. REC'D *11-22-85*
FEB 25 1986
[redacted]

photo-encl.
CC TO: *CIA CNCPD*
REQ. REC'D *6-22-82*
JUL 26 1982
ANS. [redacted] *LALH*

SEP 16 17 PM '66
 FBI
 REC'D-READING ROOM

Honorable Marvin Watson
 Special Assistant to the President
 The White House
 Washington, D. C.

Dear Mr. Watson:

Transmitted herewith is a summary memorandum containing the results of investigation regarding Dr. Bruce Churchill Murray, which was requested by [redacted] of the Office of Science and Technology.

An applicant-type investigation was conducted regarding Dr. Murray in 1961. The enclosed summary memorandum contains the results of that investigation as well as the results of the current inquiries concerning him.

The Internal Revenue Service has advised that income tax returns were timely filed by Dr. Murray for the years 1963, 1964 and 1965, and there is no record of unpaid taxes, liens or intelligence investigations concerning these returns.

The check of the records of one governmental agency* has not been completed. When this check has been completed, you will be advised.

REC 17

111-4635-31

The Attorney General has not been provided a copy of this communication or its enclosure.

The investigations of Dr. Murray covered inquiries in the continental United States as to his character, loyalty, general standing and ability, but no inquiries were made as to the sources of his income.

Sincerely yours,

- Tolson _____
- DeLoach _____
- Mohr _____
- Wick _____
- Casper _____
- Callahan _____
- Conrad _____
- Felt _____
- Gale _____
- Rosen _____
- Sullivan _____
- Tavel _____
- Trotter _____
- Tele. Room _____
- Holmes _____
- Gandy _____

2 ENCLOSURE
 *OSI
 See note page 2.

Enclosure

[redacted]

OCT 24 1966
 130

MAIL ROOM TELETYPE UNIT

Return to

[redacted]

SEE REFERENCE FOR
 ADD. DISSEMINATION
 1254.

Honorable Marvin Watson

NOTE: Request received 8/6/66 from Office of Science and Technology, White House, for White House clearance. Dr. Murray, aged 34, is currently serving as an associate professor at California Institute of Technology. Persons interviewed in 1961 applicant investigation and current furnished favorable comments regarding him and indicated he is well-known as a scientist and geologist. It was stated throughout he is on occasion very argumentative and desires his own way. An informant, now deceased, furnished information in 1943 that Dr. Murray's father had been a member of the Communist Party in 1939, but was dropped from rolls because he was a "stool pigeon." This information was not substantiated in 1949 LGE investigation of Dr. Murray's father. His mother had been active in Democratic Party activities in California in the 1940's*. His father currently resides in Mexico. Our investigation there favorable.

Copy of this material is not being furnished to the Attorney General inasmuch as the White House has specifically requested no dissemination of this information without specific clearance.

* and in connection therewith spoke before two communist front groups. This information is included in the summary memo.



UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

In Reply, Please Refer to
File No.

WASHINGTON, D.C. 20535

September 6, 1966

BRUCE CHURCHILL MURRAY

An applicant-type investigation was conducted regarding Dr. Murray in 1961. This summary memorandum contains the results of that investigation as well as the results of the current inquiries.

I. BIOGRAPHICAL DATA

Birth

The records of the Board of Health, Borough of Manhattan, New York, show that Dr. Murray was born on November 30, 1931, in New York, New York.

Education

He attended Massachusetts Institute of Technology (MIT), Cambridge, Massachusetts, from September, 1949, until December, 1955. He received a B.S. degree in June, 1953, and an M.S. degree in June, 1954. Upon the completion of the necessary requirements, he received a Ph.D. degree in January, 1956.

Employment

Summer of 1952

[redacted] MIT) -
as a field geologist in Hazelton,
Pennsylvania.

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Summers of 1953
and 1954

MIT Summer Camp, Nova Scotia,
Canada, as a field geologist.

September, 1954, to
October, 1955

MIT, Cambridge, Massachusetts, as
a teaching assistant and researcher
in connection with his preparation
for his Ph.D. degree.

October, 1955, to
September, 1958

California Company, New Orleans,
Louisiana, as a geologist.

Bruce Churchill Murray

March, 1960, to
June, 1961

Cambridge Research Center, Department of the Air Force, Bedford, Massachusetts, as a geophysicist, from March, 1960, to August, 1960; and as an expert (consultant) from August, 1960, to June, 1961.

August, 1960, to
present

California Institute of Technology (CIT), Pasadena, California, initially as a research fellow and presently as an associate professor.

August, 1960, to
April, 1962

Edgerton, Germeshausen and Grier, Incorporated, Boston, Massachusetts, as a consultant.

August, 1963, to
August, 1964

Space Science Steering Committee, National Aeronautics and Space Administration (NASA), Washington, D. C., as a consultant.

Military Service

Dr. Murray was appointed a second lieutenant in the United States Air Force Reserve on May 26, 1953, and he entered on active duty in the United States Air Force on September 8, 1958. He was honorably released from active duty as a first lieutenant on March 4, 1960. He has since served in the United States Air Force Reserve in an inactive status, and he is presently designated a captain in the Standby Reserve.

Marital Status

Dr. Murray married the [redacted] June, 1954. They presently reside at 1535 Sierra Madre Villa, Pasadena, California.

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II. RESULTS OF INVESTIGATIONS

Interviews

Unless otherwise indicated, the comments of the individuals set forth hereinafter were obtained during the current inquiries.

Bruce Churchill Murray

[redacted] was interviewed during the 1961 investigation at which time he was Superintendent of the Exploratory Division, California Company, New Orleans, Louisiana. He stated he had been Dr. Murray's immediate supervisor during the entire period of Dr. Murray's employment with the California Company. [redacted] stated Dr. Murray was "brutally blunt and outspoken and sometimes he became overbearing in his attitude during an argument." He said Dr. Murray was a very moderate social drinker, and he had heard Dr. Murray express himself regarding communism. He stated he is certain Dr. Murray is anticommunist. He stated in mixed company Dr. Murray was always a gentleman, but when Dr. Murray was with fellow employees of equal status, Dr. Murray sometimes became overbearing in arguments taking any side of the question. He stated further Dr. Murray was far above average in intelligence and ability. He said Dr. Murray indicated he had little contact with his parents. He stated he would unqualifiedly recommend Dr. Murray for any job requiring high intelligence, honesty, sobriety, integrity and loyalty.

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[redacted] MIT, Cambridge, Massachusetts was interviewed during the 1961 investigation. He stated he had known Dr. Murray since 1949, noting that they attended MIT at the same time, and they roomed together for a period in an MIT dormitory. He mentioned he was also acquainted with Dr. Murray's [redacted] and he described her as a reputable individual. Professor Ebner stated that he considered Dr. Murray a professionally competent individual whose character, reputation, loyalty and associates were above reproach. He highly recommended Dr. Murray for a position of trust and confidence.

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[redacted] Geology Department, MIT, Cambridge, Massachusetts, was interviewed during the 1961 investigation as well as during current inquiries. He stated he has been acquainted with Dr. Murray since Dr. Murray was an undergraduate student at MIT. He mentioned that during the Summer of 1952 Dr. Murray served under his supervision as a field geologist in Hazelton, Pennsylvania. He said he considers Dr. Murray a very fine young man and noted that Dr. Murray has become well known as a space scientist. He said while attending MIT Dr. Murray was a very brilliant student. He stated further Dr. Murray has a fine basic training in the sciences, such as metallurgy, physics and geology. He also said Dr. Murray is highly competent in his field of lunar exploration. He furnished favorable comments regarding Dr. Murray's character, reputation, loyalty and associates, and he highly recommended Dr. Murray for a position of trust and confidence.

Bruce Churchill Murray

[redacted] for Program,
Office of Grants and Research Contracts, and [redacted] of the
Planetology Subcommittee, Space and Science Steering Committee,
NASA, Washington, D. C., advised that Dr. Murray served as a
member of the Planetology Subcommittee from 1963 until 1964. He
described Dr. Murray as a brilliant geologist, noting that
Dr. Murray has an excellent reputation in that field. He said
based on his observations of Dr. Murray he has no reason whatso-
ever to question his loyalty, character or reputation.

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[redacted] stated, however, he found Dr. Murray not
to be a "team man." In that regard he stated Dr. Murray did not
substantiate conclusions he made by careful research and facts.
He said Dr. Murray stated his conclusions were right because he
said so. He stated further Dr. Murray would not listen to
arguments presented by other scientists if they differed from
Dr. Murray's own ideas. [redacted] stated that he desired
discussions and arguments in relation to their work because that
is the only way any problem could be attacked. He said he did
not want the other scientists to always agree with him because
if they all agreed, the committee would be of no value to the
Government. He stated he would recommend Dr. Murray for a position
wherein Dr. Murray worked entirely on his own and he submitted a
report, which a supervisor could receive and evaluate in light of
other facts which that person had received.

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[redacted] Department of Geology,
Princeton University, Princeton, New Jersey, was interviewed in
Tilton, New Hampshire. He advised he has known Dr. Murray on a
social and professional basis for approximately five years. They
served together at NASA, in connection with the Planetology
Subcommittee of that agency. He stated, although rather young,
Dr. Murray did a good job and his presentations were good. He
said he has no criticism of Dr. Murray's work as a member of the
Planetology Subcommittee. Professor Hess stated further Dr. Murray's
character, reputation and associates are good, and he has no question
concerning Dr. Murray's loyalty to the United States. He
recommended Dr. Murray for a position of trust and confidence.

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[redacted] Department of Physics,
University of Houston, Houston, Texas, advised he served with
Dr. Murray on the Planetology Subcommittee of NASA during 1963
and 1964. He said his association with Dr. Murray has been for
the most part professional; however, in connection with their

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Bruce Churchill Murray

duties with the aforementioned subcommittee, they had very close contact. He said he is thoroughly convinced that Dr. Murray's loyalty to the Government is above question as are Dr. Murray's honesty and integrity. He said Dr. Murray is a dedicated scientist and has demonstrated his capability as a scientist. He said the only criticism he has of Dr. Murray is that Dr. Murray on occasion becomes argumentative, and Dr. Murray has perhaps an overrated opinion of his own knowledge and capabilities. He said Dr. Murray tries to force his opinions and conclusions upon others who may disagree with him. [redacted] stated in conclusion that Dr. Murray will make a splendid security risk in whatever work he may do for the Government. b6 b7C

[redacted] CIT, Pasadena, California, advised Dr. Murray is well regarded professionally at CIT. He said Dr. Murray is a responsible and intelligent individual whose character, reputation, loyalty and associates are above reproach. He highly recommended Dr. Murray for a position of trust and confidence.

[redacted] Geological Sciences Division, CIT, Pasadena, California, who has known Dr. Murray for several years, stated Dr. Murray is highly regarded by his professional associates. He said Dr. Murray serves under his supervision, and he has an outstanding work record. [redacted] commented favorably regarding Dr. Murray's character, loyalty, reputation and associates, and he highly recommended Dr. Murray for a scientific position.

Thirty-four additional persons were interviewed during the investigations. They furnished favorable comments regarding Dr. Murray's character, reputation, loyalty and associates. He was generally described as an intelligent, reliable, stable, trustworthy and mature individual. Several individuals stated Dr. Murray delights in provoking arguments on controversial subjects, and that he is willing to take any side of the subject in the discussion. It was mentioned Dr. Murray is extremely well read and well informed, and he is "fast on his feet in an argument." He was recommended for a position of trust and confidence. Persons acquainted with Dr. Murray's close relatives stated they are reputable individuals. Several individuals mentioned that Dr. Murray stated his parents have been separated for a number of years, and his contact with them has been limited.

Bruce Churchill Murray

Close Relatives

Dr. Murray's mother, Esther Higgins Murray, resides in Washington, D. C. His father, Joseph Churchill Murray, resides in Polanco, Mexico, D.F.

A confidential source abroad advised that Dr. Murray's father, Joseph Churchill Murray, presently resides in Polanco, Mexico, D.F., where he is president of a public relations firm. This source advised that [REDACTED]

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[REDACTED] contain no information regarding Joseph Churchill Murray.

Credit Checks

Information has been received from the appropriate credit reporting agencies indicating that their files contain either no record or no additional pertinent information regarding Dr. Murray.

Arrest Checks

Information has been received from the appropriate law enforcement agencies in the continental United States indicating that their files contain no information concerning Dr. Murray or his close relatives.

Passport Record

The records of the Passport Office, Department of State, show that Dr. Murray was issued a passport in April, 1963, for travel to Europe to attend a scientific meeting. The records of the Passport Office contain no unfavorable information regarding Dr. Murray.

Security Clearance

Dr. Murray presently has a top secret security clearance with the Defense Industrial Security Clearance Office, Columbus, Ohio. Between June, 1961, and May, 1962, he had a "Q" security clearance with the Atomic Energy Commission in connection with his employment with the firm of Edgerton, Germeshausen and Grier, Incorporated, Boston, Massachusetts.

Bruce Churchill Murray

Agency Checks

Information has been received from the following governmental agencies indicating that their files contain either no record or no additional pertinent information regarding Dr. Murray:

Bureau of Personnel Investigations, Civil Service Commission; House Committee on Un-American Activities; Central Intelligence Agency; Security Division, Office of the Secretary of Defense; Atomic Energy Commission; National Aeronautics and Space Administration; and the White House Office.

Miscellaneous

In 1939 William F. Hymes, now deceased, a former member of the Los Angeles, California, Police Department, advised that information came to his attention in the late 1930's that Joseph C. Murray had joined the Communist Party in 1937. At that time Joseph C. Murray was residing at 523 7th Street, Santa Monica, California.

It is noted that Dr. Murray and his parents in the 1930's resided at 523 7th Street, Santa Monica, California.

An informant who has furnished reliable information in the past advised in 1943 that Joseph Churchill Murray had been a member of the Communist Party in Santa Monica, California, in the late 1930's, but was dropped from the rolls of the Communist Party prior to March, 1939, because he was tabbed as a "stool pigeon." This informant is not available for recontact.

In 1944 [redacted] then a member of the Communist Party in Los Angeles, California, advised that Mrs. Churchill Murray of 523 7th Street, Santa Monica, California, was among those in attendance at a meeting of the Bay City Communist Party Club. According to this informant, Mrs. Murray was identified at that time as a member of the Women's Democratic National Committee. Mrs. Murray spoke at this meeting regarding political matters in connection with a forthcoming election. This informant is no longer available for recontact.

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Bruce Churchill Murray

In 1944 [redacted], who was a member of the Communist Party from 1933 until 1944 and who furnished information of a security nature to the FBI between October, 1940, and December, 1944, advised that Mrs. Churchill Murray, Assistant Director of the Women's Division of the Democratic Party Central Committee, was a speaker at a forum of the Los Angeles County Communist Party in 1944. Her topic was "What the Primaries Show." This informant is deceased.

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Dr. Murray's father, Joseph Churchill Murray, was investigated under the provisions of Executive Order 9835 in 1949 at which time he was employed as a labor officer in Japan by the Department of the Army. The results of the investigation were furnished to the Department of the Army. By letter dated July 16, 1951, the Department of the Army advised that the Loyalty-Security Appeals Board, Office of the Secretary of the Army, after reviewing the results of the investigation of Joseph Churchill Murray, held that no reasonable grounds existed to doubt his loyalty or classify him a security risk.

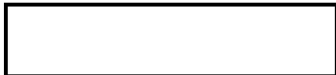
Informants in addition to those mentioned previously who have knowledge of communist activities in appropriate areas advised that Dr. Murray and his close relatives are not known to them, and they can furnish no information concerning them.

The central files of the FBI, including the files of the Identification Division, contain no additional pertinent information concerning Dr. Murray.

1 - Mr. Gale

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1 -
1 -




September 13, 1966

BY LIAISON

Honorable Marvin Watson
Special Assistant to the President
The White House
Washington, D. C.

Dear Mr. Watson:

By letter dated September 7, 1966, you were furnished a summary memorandum containing the results of an investigation regarding Dr. Bruce Churchill Murray which was requested by  of the Office of Science and Technology.

b6
b7C

Information has been received from the Office of Special Investigations, Department of the Air Force, indicating that its files contain no additional pertinent information regarding Dr. Murray.

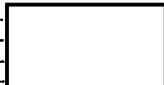
The Attorney General has not been provided a copy of this communication.

This concludes the investigation in this case.

Sincerely yours,

100-4135-32
NOT RECORDED
6 OCT 12 1966

- Tolson _____
- DeLoach _____
- Mohr _____
- Wick _____
- Casper _____
- Callahan _____
- Conrad _____
- Felt _____
- Gale _____
- Rosen _____
- Sullivan _____
- Tavel _____
- Trotter _____
- Tele. Room _____
- Holmes _____
- Gandy _____



(5)

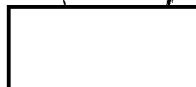
Delivered to Mr. [unclear] on 9/28/66

D3L

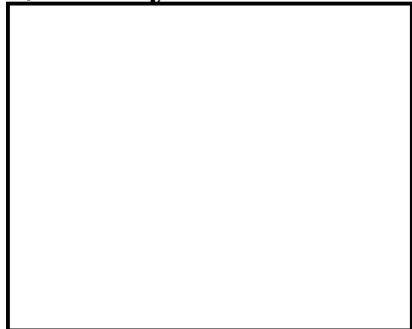


MAIL ROOM TELETYPE UNIT

Return to



Room 1254.



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5/5/69

b6
b7C

Airtel

79 sent

MAR 5/7/69

To: SACs, Washington Field (161-3847) - Enc. (5)
 Los Angeles (161-1060) - Enc.
 St. Louis (161-2388) - Enc.
 Baltimore - Enc.
 Seattle - Enc.
 Denver (161-507) - Enc.
 Cincinnati (161-469) - Enc.
 New Haven (161-764) - Enc.
 Boston (161-1616) - Enc.
 Phoenix (161-232) - Enc.
 Legat Mexico (161-10) - Enc.

for



From: Director, FBI (161-4635)

BRUCE CHURCHILL MURRAY
 SPECIAL INQUIRY
 BUDED: 5/20/69

Bruce C. Murray

pm

Office of Science and Technology, White House, has requested investigation of Murray, a consultant with OST. Born 11/30/31, New York, New York, and resides 1535 Sierra Madre Villa Ave., Pasadena, California. Background data attached.

All offices except Baltimore and Seattle see urfiles indicating previous SPI of Murray in September, 1966. Bring up to date.

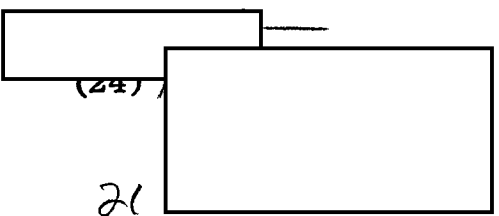
ENCLOSURE SPIN.

MAILED 6
 MAY 5 1969
 COMM-FBI

Foreign Liaison (route through for review)

Substantive for review 5/11/69

- Tolson _____
- DeLoach _____
- Mohr _____
- Bishop _____
- Casper _____
- Callahan _____
- Conrad _____
- Felt _____
- Gale _____
- Rosen _____
- Sullivan _____
- Tavel _____
- Trotter _____
- Tele. Room _____
- Holmes _____
- Gandy _____



REC 107

161-4635-33

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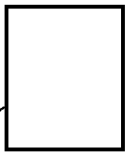
14 MAY 7 1969

21
70 JUL 1 1969

MAIL ROOM TELETYPE UNIT

RETURN TO

ROOM 1258.



Federal Bureau of Investigation
Records Branch

5-6, 1967

Name Searching Unit - Room 6527
 Service Unit - Room 6524
 Forward to File Review
 Attention b6
 Return to 638 b7C

Supervisor Room Ext.

Type of References Requested:

- Regular Request (Analytical Search)
- All References (Subversive & Nonsubversive)
- Subversive References Only
- Nonsubversive References Only
- Main _____ References Only

Type of Search Requested:

- Restricted to Locality _____
- Exact Name Only (On the Nose)
- Buildup Variations

Subject Bruce Churchill Murray
 Birthdate & Place _____
 Address _____

Localities _____

R# 150 Date 5/4 Searcher Initials 737

Prod. 9

	FILE NUMBER	SERIAL
<input checked="" type="checkbox"/>	161-4635	1068/12/66
<input checked="" type="checkbox"/>	161-4635	(main file)
<input checked="" type="checkbox"/>	116-446864	
<input checked="" type="checkbox"/>	105-71688-1186	
	<u>Bruce</u>	
<input checked="" type="checkbox"/>	109-18-207-A	Wash Capital News Service Doc 8/10/67
<input checked="" type="checkbox"/>	62-106740-A	NO Newspaper Doc 8/10/67
<input checked="" type="checkbox"/>	157-8218-18	
<input checked="" type="checkbox"/>	64-175-207-A	Wash. D.C. 6/29/67
<input checked="" type="checkbox"/>	Mr Bruce Churchill (Sp)	
<input checked="" type="checkbox"/>	161-4635-22	
<input checked="" type="checkbox"/>	Bruce Churchill (Var)	
<input checked="" type="checkbox"/>	161-4635-31	

b6
b7C

MAY 6 1967

9

Federal Bureau of Investigation
Records Branch

_____, 19____

Name Searching Unit - Room 6527
 Service Unit - Room 6524
 Forward to File Review
 Attention _____
 Return to _____
Supervisor Room Ext.

Type of References Requested:

Regular Request (Analytical Search)
 All References (Subversive & Nonsubversive)
 Subversive References Only
 Nonsubversive References Only
 Main _____ References Only

Type of Search Requested:

Restricted to Locality of _____
 Exact Name Only (On the Nose)
 Buildup Variations

Subject Murray Joseph Churchill
 Birthdate & Place _____
 Address _____

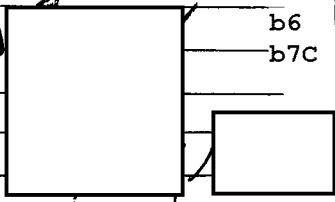
Localities

R# 156 Date 5/6 Searcher Initials 737
 Prod# _____

FILE NUMBER SERIAL

<input checked="" type="checkbox"/>	I	121-18171	
<input checked="" type="checkbox"/>	I	100-439474	
<input checked="" type="checkbox"/>	I	140-0-61414	
<input checked="" type="checkbox"/>	I	63-19253-2634	
<input checked="" type="checkbox"/>	I	161-4035-18	
<input checked="" type="checkbox"/>	I	116-445499-31	
<input checked="" type="checkbox"/>	I	123-6713-10	
<input checked="" type="checkbox"/>	I	116-340899-11	
<input checked="" type="checkbox"/>	I	Mrs Joseph Churchill (Wife)	
<input checked="" type="checkbox"/>	I	100-439474-1	
<input checked="" type="checkbox"/>	I	161-4435-22	
<input checked="" type="checkbox"/>	I	123-5327-33	
<input checked="" type="checkbox"/>	I	121-18171-8	

MAY 6 19



b6
b7C

F B I

Date: 5/7/69

Transmit the following in _____
(Type in plaintext or code)

Via AIRTEL _____
(Priority)

TO: DIRECTOR, FBI (161-4635)
FROM: SAC, PHOENIX (161-232) (RUC)

BRUCE CHURCHILL MURRAY
SPI
BUDED: 5/20/69

SA [redacted] ReBuAirtel to WFO, etc., 5/5/69 and report of 8/18/66, at Phoenix.

The only investigation conducted by Phoenix in the previous investigation was interview with [redacted] Lowell Observatory, Flagstaff, Arizona, who had previously served with MURRAY on Planetology Subcommittee of Special Science, Steering Committee, NASA, Washington, D.C. Results of interview with [redacted] submitted to Bureau in re Phoenix report of 8/18/66.

No other leads set forth for Phoenix in SF-86 submitted to Phoenix with re airtel and therefore no action being taken by Phoenix and no report will be submitted, (UACB).

161-4635-34
NOT RECORDED
12 MAY 9 1969

1 - Bureau
1 - Phoenix

[redacted]

(2)

Spec [signature]

b6
b7C

b6
b7C

5/15/69

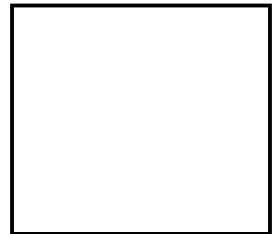
F B I

Date: 5-13-69

Transmit the following in _____
(Type in plaintext or code)

Via AIRTEL AIR MAIL
(Priority)

TO: DIRECTOR, FBI (161-4635)
FROM: SAC, ST. LOUIS (161-2388) RUC
BRUCE CHURCHILL MURRAY
SPECIAL INQUIRY
Buded: 5-20-69



b6
b7C

Rebuairtel 5-5-69.

A review on 5-12-69 of the personnel records, National Personnel Records Center (Civilian Personnel Records), St. Louis, Missouri, by IC [redacted] for BRUCE CHURCHILL MURRAY failed to reveal any information subsequent to the 1966 investigation. UACB no report being submitted by St. Louis concerning Civilian Federal employment.

b6
b7C

- 1 - Bureau
- 1 - St. Louis

[redacted]
2

[Handwritten signature]

161-4635-35
OF RECORDS

MAY 14 1969



SL FILE WILL BE
DESTROYED IN 120 DAYS

Approved: [Signature]
Special Agent in Charge

Sent _____ M Per _____

cl

F B I

Date: 5/13/69

Transmit the following in _____
(Type in plaintext or code)

AIRTEL

AIR MAIL

Via _____
(Priority)

TO: DIRECTOR, FBI (161-4635)
FROM: SAC SEATTLE (161-430) (RUC)
SUBJECT: BRUCE CHURCHILL MURRAY
SPECIAL INQUIRY

RE: Bureau airtel, 5/5/69.

Seattle files contain no information concerning
appointee or close relatives. No investigation for Seattle
indicated on Standard Form 86 dated 4/14/69. No report
being submitted.

b6
b7c

② - Bureau
1 - Seattle
[Redacted]
(3)

*Mother
born
in Washington
DC*

DA

100-10491-161-4635-37
5-14-69 sub
NOT RECORDED
23 MAY 15 1969
Spec. Inv.

26 Approved: _____ Sent _____ M Per _____
Special Agent in Charge
70 JUL 1 - 1969

[Redacted]

5/10/69

5-13-69

AIRTEL AIRMAIL

TO: SAC, DENVER (161-597)
FROM: SAC, ST. LOUIS (161-M) RUC
SUBJECT: BRUCE CHURCHILL MURRAY
SPECIAL INQUIRY
BUDED: 5-20-69.

[Redacted]

b6
b7C

[Redacted]

Re Bureau airtel 5-5-69.

File was not located at Military Personnel Records Branch, NPEC, SLEO, and should be located at Air Reserve Personnel Center, Denver, Colorado.

LEAD

THE DENVER OFFICE:

AT DENVER, COLORADO:

Service record located your division. Handle review.

DM

- 2 - Denver
- 1 - Bureau
- 1 - St. Louis

[Redacted]

(4)

161-4635-56

NOT RECORDED
1 MAY 15 1969

SEARCHED SERIALIZED
INDEXED IN 120 DAYS

[Handwritten signature]

70 JUL 1 - 1969

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE DENVER	OFFICE OF ORIGIN BUREAU	DATE 5/14/69	INVESTIGATIVE PERIOD 5/12/69
TITLE OF CASE BRUCE CHURCHILL MURRAY		REPORT MADE BY IC 	TYPED BY
		CHARACTER OF CASE SPECIAL INQUIRY	

b6
b7C

REFERENCES: Denver report of IC 8/11/66;
Bureau airtel to WFO 5/5/69.

- RUC -

*AF Reserve
inactive*

ADMINISTRATIVE:

This report supplements investigations conducted by IC in report of SA Denver, dated 1/10/61 in the matter captioned, "BRUCE CHURCHILL MURRAY CSC: AEA-A " Denver file 116-32126 and Denver report by IC dated 8/11/66 titled, "BRUCE CHURCHILL MURRAY, Special Inquiry"

A*
COVER PAGE

ACCOMPLISHMENTS CLAIMED						ACQUIT-TALS	CASE HAS BEEN:
CONVIC.	AUTO.	FUG.	FINES	SAVINGS	RECOVERIES		
							PENDING OVER ONE YEAR <input type="checkbox"/> YES <input type="checkbox"/> NO PENDING PROSECUTION OVER SIX MONTHS <input type="checkbox"/> YES <input type="checkbox"/> NO

APPROVED <i>[Signature]</i>	SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW	
COPIES MADE:		161-4635-38	
1 - Bureau (AM) (161-4635)		NOT RECORDED 12 MAY 16 1969	
1 - Denver (161-507)			

Dissemination Record of Attached Report					Notations
Agency					
Request Recd.					
Date Fwd.					
How Fwd.					
By	<i>[Signature]</i>				

[Handwritten Signature]

70 JUL 1 - 1969

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of: IC Office: Denver b6
 Date: May 14, 1969 b7C
 Field Office File #: 161-507 Bureau File #: 161-4635
 Title: BRUCE CHURCHILL MURRAY

Character: SPECIAL INQUIRY

Synopsis:

Appointee has not served on active duty since 3/4/60. Current Air Force Reserve assignment is with Headquarters, Continental Air Command (Inactive Status List Reserve Section), Air Reserve Personnel Center, Denver, Colo. His file shows he is due to be discharged.

- RUC -

DETAILS:MILITARY SERVICE

The military service file of BRUCE CHURCHILL MURRAY, serial number FV 3011238, was reviewed on May 12, 1969, at the Records Division, Air Reserve Personnel Center, Denver, Colorado.

Appointee has not served on active duty with the U. S. Air Force since March 4, 1960. His current Air Force Reserve assignment is with Headquarters, Continental Air Command (Inactive Status List Reserve Section), Air Reserve Personnel Center, Denver, Colorado. He is presently designated a Standby Reservist. This file shows he is due to be discharged. His Air Force occupational specialty is Scientist, Special.

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE NEW HAVEN	OFFICE OF ORIGIN BUREAU	DATE 5/15/69	INVESTIGATIVE PERIOD 5/7/69
TITLE OF CASE BRUCE CHURCHILL MURRAY		REPORT MADE BY SA 	TYPED BY
		CHARACTER OF CASE SPECIAL INQUIRY	

b6
b7C

REFERENCE: Bureau airtel, 5/5/69



- RUC -

①

DM

ACCOMPLISHMENTS CLAIMED						<input type="checkbox"/> NONE	ACQUIT-TALS	CASE HAS BEEN:
CONVIC.	AUTO.	FUG.	FINES	SAVINGS	RECOVERIES			
								PENDING OVER ONE YEAR <input type="checkbox"/> YES <input type="checkbox"/> NO PENDING PROSECUTION OVER SIX MONTHS <input type="checkbox"/> YES <input type="checkbox"/> NO

APPROVED *[Signature]* SPECIAL AGENT IN CHARGE

COPIES MADE:

1 - Bureau (161-4635)

1 - New Haven (161-764)

DO NOT WRITE IN SPACES BELOW

161-4635-39

~~NOT RECORDED~~

MAY 16 1969

Dissemination Record of Attached Report				
Agency				
Request Recd.				
Date Fwd.				
How Fwd.				
By				

Notations

[Handwritten Signature]

By *[Signature]*
30 JUL 1 1969

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of: SA [redacted]
Date: May 15, 1969

Office: NEW HAVEN

Field Office File #: 161-764

Bureau File #: 161-4635

Title: BRUCE CHURCHILL MURRAY

Character: SPECIAL INQUIRY

Synopsis: Major CHARLES S. HAWKINS, United States Air Force, retired, highly recommends appointee.

b6
b7C

- RUC -

DETAILS: On May 7, 1969, Major CHARLES S. HAWKINS, United States Air Force, retired, 528 Miller Road, South Windsor, Connecticut, advised he had worked closely with appointee in 1958 and 1959, while they were both stationed at Hanscom Field, Bedford, Massachusetts. HAWKINS said that his association with

NH 161-764

appointee was confined to a professional sense only and he could not consider himself a social acquaintance of the appointee.

HAWKINS said that during his association with the appointee, he considered him to be an extremely capable individual, who possessed a fine personality and leadership ability. HAWKINS said that appointee was a gentleman at all times and a person of excellent character, associates, and reputation, and most certainly loyal to the United States. HAWKINS stated that based on his association with appointee he would highly recommend him for any position of trust and responsibility.

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE BOSTON	OFFICE OF ORIGIN BUREAU	DATE 5/15/69	INVESTIGATIVE PERIOD 5/8 - 15/69
TITLE OF CASE BRUCE CHURCHILL MURRAY		REPORT MADE BY <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	TYPED BY <div style="border: 1px solid black; height: 20px; width: 100%;"></div>
		CHARACTER OF CASE <p style="text-align: center;">SPI</p>	

b6
b7C

REFERENCE: Bureau airtel dated 5/5/69.

-RUC-

(2)

Ad

ACCOMPLISHMENTS CLAIMED						<input type="checkbox"/> NONE	ACQUIT-TALS	CASE HAS BEEN:
CONVIC.	AUTO.	FUG.	FINES	SAVINGS	RECOVERIES			
								PENDING OVER ONE YEAR <input type="checkbox"/> YES <input type="checkbox"/> NO PENDING PROSECUTION OVER SIX MONTHS <input type="checkbox"/> YES <input type="checkbox"/> NO

APPROVED *[Signature]* SPECIAL AGENT IN CHARGE

COPIES MADE:

- ①-Bureau (161-4635)
- 1-Boston (161-1616)

DO NOT WRITE IN SPACES BELOW

161-4635-40

NOT RECORDED

1 MAY 16 1969

Dissemination Record of Attached Report				
Agency				
Request Recd.				
Date Fwd.				
How Fwd.				
By				

Notations

[Signature]

70 JUL 1 - 1969

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of: [REDACTED]

Date: 5/15/69

Office: BOSTON, MASSACHUSETTS

b6
b7c

Field Office File #: 161-1616

Bureau File #: 161-4635

Title: BRUCE CHURCHILL MURRAY

Character: SPECIAL INQUIRY

Synopsis: The appointee's former professors recontacted and recommend. Credit and arrest checks set forth.

-RUC-

DETAILS

Credit and arrest checks at Boston and Cambridge, Massachusetts, were made at the request of Investigative Clerk [REDACTED]

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Investigation at Billerica and Lowell, Massachusetts, was conducted by Special Agent CARL J. EVENSEN.

EMPLOYMENT

On May 14, 1969, [redacted] Geology Department, Massachusetts Institute of Technology, (MIT), Cambridge, Massachusetts, advised that he has not seen the appointee since he was last interviewed concerning the appointee in the summer of 1966. He has, however, followed the appointee's work in the space field throughout the past several years.

He reiterated that the appointee, as he remembers him, is a fine individual and very able and capable scientist. [redacted] has no reason whatsoever to change his previous recommendation of the appointee and further recommends him for any new position of trust with the United States Government.

He further stated that he could think of no professor currently connected with MIT who would have talked or worked with the appointee while the appointee was in attendance there.

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On May 13, 1969, [redacted] Geophysics Research director, Hanscom Air Force Base, Bedford, Massachusetts, advised that he had last seen the appointee in late 1966 as the appointee was on his way to an international conference. They met only briefly.

He stated that he had previously been interviewed concerning the appointee on several occasions and recommended him each time. He further stated that there is no reason for him to change his thoughts about this matter and would recommend him highly for a position of trust with the United States Government.

CREDIT

On May 12, 1969, personnel of the Credit Bureau of Greater Boston, Inc., 6 St. James Avenue, Boston, Massachusetts, advised that their files contained no information identifiable with BRUCE CHURCHILL MURRAY.

1.

BS 161-1616

[redacted]

On May 8, 1969, [redacted] Credit Bureau of Greater Lowell, 45 Merrimack Street, Lowell, Massachusetts, which covers Billerica, Massachusetts, advised the records of that bureau contain a satisfactory credit rating for BRUCE C. MURRAY and [redacted]. They have been on file since January, 1961, and there is no evidence of any tax lien or bills that had been put in for collection.

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ARREST

On May 8, 1969, personnel of the Boston, Massachusetts, Police Department, advised that the files of that department contained no information identifiable with BRUCE CHURCHILL MURRAY.

On May 9, 1969, personnel of the Cambridge, Massachusetts, Police Department, advised that the files of that department contained no information identifiable with BRUCE CHURCHILL MURRAY.

On May 9, 1969, personnel of the Office of the Massachusetts Commissioner of Probation, Suffolk County Courthouse, Boston, Massachusetts, a central repository for all criminal and traffic conviction records in the Commonwealth of Massachusetts, advised that the files of that office contained no information identifiable with BRUCE CHURCHILL MURRAY.

1.

BS 161-1616

[REDACTED]

On May 8, 1969, [REDACTED]
Billerica, Massachusetts, Police Department, advised
he could locate no information in the records of that
department identifiable with BRUCE CHURCHILL MURRAY.

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FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE MEXICO CITY	OFFICE OF ORIGIN BUREAU	DATE 5/15/69	INVESTIGATIVE PERIOD 5/14/69
TITLE OF CASE BRUCE CHURCHILL MURRAY		REPORT MADE BY <div style="border: 1px solid black; height: 15px; width: 100%;"></div>	TYPED BY <div style="border: 1px solid black; height: 15px; width: 100%;"></div>
		CHARACTER OF CASE SPECIAL INQUIRY	

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b7c

SYNOPSIS:

No arrest record for JOSEPH CHURCHILL MURRAY in Acapulco. Considered responsible member of community.



RUC

(7 alt)

BUDED: 5/20/69

REFERENCE: Bureau airtel 5/5/69

ADMINISTRATIVE:

It is noted that the only derogatory information concerning MURRAY's father, JOSEPH CHURCHILL MURRAY, available to Mexico City is that reported by the Los Angeles Office in Bufile 100-439474, LA 100-63531. However, it is noted that, as

APPROVED <i>NLFerris/</i>	SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW	
COPIES MADE: 3 - Bureau (161-4635) (1 - Liaison Section) (1 - Los Angeles, 161-1060, Info) 1 - Mexico City (161-10)		161-4635-41	
		NOT RECORDED 8 MAY 21 1969	
DISSEMINATION RECORD OF ATTACHED REPORT		NOTATIONS	
AGENCY.....	REQUEST RECD.....	DATE FWD.....	HOW FWD.....
BY.....			

Spec. Inq.

70 JUL 1 - 1969

MEX 161-10

reported in that file by Mexico City, former [redacted] was associated with the father in the production of an English language radio program in Mexico City.

b7D

Both former [redacted] (Bufile 100-373605) [redacted] with MURRAY in Mexico City for many years. During the same years, these sources were reporting in depth on the American Communist Group in Mexico (ACGM) (Bufile 100-422116). These sources were intimately acquainted with most of the personalities in the ACGM and reporting in depth on their activities. They were considered to be very sensitive to every nuance of leftist or communist activities, backgrounds or sympathies. It is not considered that JOSEPH CHURCHILL MURRAY could have demonstrated to these informants any indication of such background or sympathies, or they would have reported it.

However, should it be desired to explore this matter further, it is noted that these sources were last known to be living in Los Angeles.

SOURCE:

The confidential source abroad is [redacted] [redacted] who has furnished reliable information in the past.

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B*

COVER PAGE



UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

WASHINGTON 25, D. C.

In Reply, Please Refer to
File No.

May 15, 1969

BRUCE CHURCHILL MURRAY

This document contains neither
recommendations nor conclusions of
the FBI. It is the property of
the FBI and is loaned to your agency;
it and its contents are not to be
distributed outside your agency.

The following information was furnished by a
confidential source abroad on May 14, 1969.

At [redacted] :

A check of the [redacted]
[redacted] revealed no record of JOSEPH CHURCHILL MURRAY.

There is no central credit reporting agency in
Acapulco.

The source was acquainted with Mr. MURRAY and knew
him to have the reputation of being a responsible person in the
community.

F B I

Date: 5/16/69

Transmit the following in _____
(Type in plaintext or code)

Via AIRTEL _____
(Priority)

TO: DIRECTOR, FBI
FROM: SAC, DENVER (161-507) (RUC)
BRUCE CHURCHILL MURRAY
SPECIAL INQUIRY
BUDED: 5/20/69

Re St. Louis airtel to Denver, 5/13/69.

Lead for Denver Division in re-airtel has been previously handled and information requested was furnished to Bureau by Denver in report of IC _____ Denver, 5/14/69.

b6
b7C

- 1 - Bureau
- 1 - Denver

(2)

161-4635-42

NOT RECORDED

3 MAY 19 1969

Special Agent

21 Approved: _____
Special Agent in Charge

Sent _____ M Per _____

VIA TELETYPE
MAY 19 1969
ENCIPHERED

- Mr. Tolson.....
- Mr. DeLoach.....
- Mr. Mohr.....
- Mr. Bishop.....
- Mr. Casper.....
- Mr. Callahan.....
- Mr. Conrad.....
- Mr. Felt.....
- Mr. Gale.....
- Mr. Rosen.....
- Mr. Sullivan.....
- Mr. Tavel.....
- Mr. Trotter.....
- Tele. Room.....
- Miss Holmes.....
- Miss Gandy.....

WASHDC--1--

10:00 AM URGENT 5-19-69 SLA

TO DIRECTOR (161-4635) AND WASHINGTON FIELD OFFICE (161-3847)

WASHINGTON FIELD OFFICE VIA WASHINGTON PLAINTEXT

FROM LOS ANGELES (161-1060) (P) 1P

BRUCE CHURCHILL MURRAY, SPI. BUDED MAY TWENTY, NEXT.

Handwritten: MR. CLEVELAND ROOM 1245

[Redacted]

RE WFO TEL CALL TO LA, ^{MAY} ~~APRIL~~ NINETEEN INSTANT.

APPOINTEE [Redacted], PASADENA, CALIFORNIA, ADVISED

[Redacted]

TODAY APPOINTEE'S MOTHER, ESTHER HIGGINS MURRAY, CONTINUED

TO RESIDE TWO SEVEN TWO SEVEN TWENTY NINTH STREET,

NORTHWEST, WASHINGTON, D.C., WHERE SHE HAS RESIDED FOR

PAST EIGHT TO TEN YEARS. APPOINTEE'S MOTHER RECENTLY

RETIRED FROM HER EMPLOYMENT, IS IN GOOD HEALTH, AND AS

OF TEN DAYS AGO HAD NOT ENTERED A HOSPITAL OR REST HOME.

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WFO VERIFY RESIDENCE AND CONDUCT APPROPRIATE

AGENCY CHECKS RE APPOINTEE'S MOTHER.

END

R RELAY PAO

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FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE LOS ANGELES	OFFICE OF ORIGIN BUREAU	DATE 5/19/69	INVESTIGATIVE PERIOD 5/8 - 5/16/69
TITLE OF CASE BRUCE CHURCHILL MURRAY		REPORT MADE BY <div style="border: 1px solid black; width: 150px; height: 20px;"></div>	TYPED BY <div style="border: 1px solid black; width: 100px; height: 20px;"></div>
		CHARACTER OF CASE SPECIAL INQUIRY	b6 b7C

REFERENCE: Bureau airtel to Washington Field Office
5/5/69
Washington Field Office telephone call
to Los Angeles 5/19/69
Los Angeles teletype to Bureau 5/19/69

- RUC -

ADMINISTRATIVE:

Concerning Dr. BRUCE CHURCHILL MURRAY, it is noted that Los Angeles files contain an investigation

ACCOMPLISHMENTS CLAIMED					<input type="checkbox"/> NONE	ACQUIT-TALS	CASE HAS BEEN:
CONVIC.	AUTO.	FUG.	FINES	SAVINGS	RECOVERIES		
							PENDING PROSECUTION OVER SIX MONTHS <input type="checkbox"/> YES <input type="checkbox"/> NO

APPROVED *[Signature]* SPECIAL AGENT IN CHARGE

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(AIR MAIL)

1 - Los Angeles (161-1060)

DO NOT WRITE IN SPACES BELOW

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Agency				
Request Recd.				
Date Fwd.				
How Fwd.				
By	<i>al</i>			

Notations

[Signature]

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conducted in 1968, captioned "DESCO, IS-R", Los Angeles file 105-25932. Dr. MURRAY attended the scientific conference on Moon and Planets held in Moscow in October 1968, and in his debriefing reported no unusual contacts or suspicious circumstances regarding his trip and in view of the fact that RAND Corporation had no additional plans for him to take any trips, he did not appear a likely candidate for the DESCO Program. This information was not included in the details of this report.

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

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Report of:

[REDACTED]

Office: Los Angeles, California

Date:

May 19, 1969

Field Office File #: 161-1060

Bureau File #: 161-4635

Title:

BRUCE CHURCHILL MURRAY

Character:

SPECIAL INQUIRY

Synopsis:

Appointee's employment, California Institute of Technology, Pasadena, California, and as a consultant for RAND Corporation, Santa Monica, California, verified. Supervisor, fellow employees, references, and close personal associates comment favorably and recommend. Appointee and [REDACTED] have a satisfactory credit record. No arrest record located. No record of any federal tax liens located for appointee or [REDACTED]. Newspaper articles concerning appointee set forth.

- RUC -

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DETAILS:

This investigation was conducted by the following Bureau personnel:

SA ALBERT A. HUSTEDT	Pasadena and South Pasadena, California
SA [redacted] [redacted]	Santa Monica, California
TC [redacted] [redacted]	Retail Merchants Credit Association Los Angeles, California
TC [redacted] [redacted]	Los Angeles Police Department Los Angeles, California
TC [redacted] [redacted]	Los Angeles County Sheriff's Office, Internal Revenue Service, "Los Angeles Times" Los Angeles, California
SE [redacted] [redacted]	Traffic Violations Bureau Municipal Court Los Angeles Judicial District Los Angeles, California

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EMPLOYMENT

California Institute of
Technology (CIT)
Pasadena, California

On May 9, 1969, [redacted] Provost Office,
Faculty Department, CIT, advised that the appointee, BRUCE
CHURCHILL MURRAY, date of birth November 30, 1931, at New
York City, New York, is currently employed as a Professor

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of Planetary Sciences in the Geology Sciences Division. These records disclose that MURRAY has been associated with CIT since August 1, 1960.

1) [redacted] advised that she is personally acquainted with the appointee. She said the appointee is highly regarded both professionally and personally. The appointee is a brilliant scientist and a person of outstanding character, reputation, and associates. The appointee is a loyal and patriotic American citizen and she highly recommended him for a position of trust with the Federal Government.

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2) On May 9, 1969, [redacted] CIT, advised that he has known the appointee, BRUCE CHURCHILL MURRAY, since August 1960. He said he knows the appointee both professionally and socially. The appointee is a brilliant and dedicated scientist, who is highly regarded in his field. The appointee's character, associates, reputation, and loyalty are above reproach. [redacted] stated he knows absolutely nothing of an unfavorable nature concerning the appointee and he would highly recommend him for a position of trust and responsibility with the United States.

3) On May 9, 1969, [redacted] Geological Sciences Division and former Division Chairman, CIT, advised that he has known the appointee, BRUCE CHURCHILL MURRAY, both professionally and socially since August 1960. He described the appointee as a man of the highest integrity. The appointee is highly regarded as a brilliant and outstanding scientist. The appointee's character, associates, reputation, and loyalty are above reproach. [redacted] highly recommended the appointee for a position of trust and responsibility.

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4) On May 9, 1969, [redacted] Geological Sciences Division, CIT, advised he has been acquainted with the appointee, BRUCE CHURCHILL MURRAY, both socially and professionally, since August 1960.

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[redacted] said the appointee continues to be active in local politics and he is affiliated with one of the two major political parties. He described the appointee as a brilliant scientist and a person of the highest integrity. The appointee's character, associates, reputation, and loyalty are above reproach. The appointee is a conscientious, dedicated and competent individual and he would highly recommend him for a position of trust with the Federal Government.

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On May 9, 1969, [redacted] Geological Sciences Division, and former Division Chairman, CIT, advised he has known the appointee, BRUCE CHURCHILL MURRAY, both professionally and socially since August 1960. The appointee is an outstanding scientist who is well regarded in his field. The appointee is a conscientious, intelligent, and dedicated individual of the highest character, associates, reputation, and loyalty. [redacted] highly recommended the appointee for a position of trust and confidence with the Federal Government.

RAND Corporation
Santa Monica, California

On May 14, 1969, [redacted] Security Officer, RAND Corporation, 1700 Main Street, Santa Monica, California, advised his records reveal the appointee, BRUCE CHURCHILL MURRAY, date of birth November 30, 1931, New York, New York, was employed as a consultant with RAND in the Aero-Astronautics Division in September 1961, and he is so employed to date. [redacted] said that MURRAY is a graduate of Massachusetts Institute of Technology (MIT) with a Doctor of Philosophy (Ph.D). MURRAY received a ~~top secret~~ clearance on March 6, 1962, granted by the Western Contract Management Region, Mira Loma Air Force Base, Mira Loma, California, and this clearance is currently in effect. MURRAY'S residence address is

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listed as 1535 Sierra Madre Villa Avenue, Pasadena, California. MURRAY is currently employed as a Professor at CIT, Pasadena, California, in the Department of Geological Sciences.

[redacted] advised that MURRAY'S contact at RAND has been primarily with [redacted] advised his records contain no unfavorable information concerning the appointee.

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On May 14, 1969, [redacted] Electronics Department, RAND Corporation, Santa Monica, California, who is also listed as a close personal associate by the appointee, advised he has known the appointee, BRUCE CHURCHILL MURRAY, for approximately eight years. He stated he has published several papers with the appointee. [redacted] advised he is the [redacted] at RAND. He stated the appointee is a geologist by profession, but he is currently working as an engineer-scientist on the space program, specifically the 1971 orbit project to Mars. [redacted] described the appointee as a brilliant scientist and a highly dedicated and conscientious individual. He stated the appointee is a loyal and patriotic American of the highest character, associates, and reputation. [redacted] highly recommended the appointee for a position of trust and responsibility with the United States Government.

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[redacted] advised that other than himself, the only other individuals at RAND with whom the appointee has contact is [redacted]

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On May 14, 1969, [redacted] Electronics Department, RAND Corporation, advised he has known the appointee, BRUCE CHURCHILL MURRAY, for about [redacted] He stated his only contact with the appointee has been on a professional basis when the appointee has done consulting work at RAND. He stated the appointee has made and is continuing to make great contributions to the

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space program. He stated the appointee is currently consulting on the 1971 orbit project to Mars. [redacted] stated he considers the appointee to be a person of excellent character, associates, reputation, and loyalty. He is an extremely intelligent and dedicated individual and he highly recommended him for a position of trust and confidence.

On May 14, 1969, [redacted] Electronics Department, RAND Corporation, advised he has known the appointee, BRUCE CHURCHILL MURRAY, on a professional basis as a consultant at RAND for about five years. He stated the appointee is well regarded as an outstanding scientist. He stated the appointee is currently consulting at RAND on the 1971 orbit project to Mars. He stated the appointee has made great contributions to the space program. [redacted] advised he has always considered the appointee to be a dedicated and conscientious individual of the highest character, associates, reputation, and loyalty, and he would highly recommend him for a position of trust.

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(u) On May 14, 1969, [redacted] of the Physics Department, RAND Corporation, Santa Monica, California, advised he has known the appointee, BRUCE CHURCHILL MURRAY, for approximately eight years. He stated his knowledge of the appointee is primarily by reputation. He stated the appointee is highly regarded in his field and he is reputed to be a person of outstanding character, associates, reputation, and loyalty. [redacted] advised he knows absolutely nothing of an unfavorable nature concerning the appointee and he would recommend him for a position of trust and confidence.

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RESIDENCE

1535 Sierra Madre Villa Avenue
Pasadena, California

(u) On May 12, 1969, [redacted]

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Sierra Madre Villa Avenue, Pasadena, California, advised she has known the appointee, BRUCE MURRAY, and [redacted] as neighbors since about February 1966. She said Mr. [redacted] MURRAY reside at 1535 Sierra Madre Villa Avenue. She said Mr. [redacted] MURRAY are highly regarded in this neighborhood as individuals of excellent character, associates, and loyalty. She said the appointee is employed as a professor at CIT. She said she knows nothing of an unfavorable nature concerning either the appointee or [redacted] and she would recommend the appointee for a position of trust.

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13) On May 12, 1969, [redacted] Pasadena, California, advised she has known the appointee, BRUCE MURRAY, and [redacted] as neighbors residing at 1535 Sierra Madre Villa Avenue since February 1966. She said she is only casually acquainted with Mr. [redacted] MURRAY; however, she knows nothing of an unfavorable nature concerning them. She said they are well regarded in this neighborhood as individuals of good character, associates, reputation, and loyalty, and she would recommend the appointee for a position of trust.

On May 12, 1969, [redacted] advised she has known the appointee, BRUCE MURRAY, and [redacted] as neighbors since February 1966. She said the MURRAYs reside at 1535 Sierra Madre Villa Avenue. She described the MURRAYs as individuals of excellent character, associates, reputation, and loyalty and stated she knows nothing of an unfavorable nature concerning either of them. [redacted] stated that based upon her knowledge of the appointee, she would recommend him for a position of trust with the United States Government.

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REFERENCES

15) On May 12, 1969, [redacted] Deputy Assistant Laboratory Director for Technical Divisions, Jet Propulsion Laboratories, Pasadena, California, advised

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he has known the appointee, BRUCE CHURCHILL MURRAY, both socially and professionally for about eight years. He described the appointee as a brilliant scientist and as a conscientious and dedicated individual. The appointee's character, associates, reputation, and loyalty are above reproach. The appointee is highly regarded in his field and he would highly recommend the appointee for a position of trust and confidence with the Federal Government.

On May 12, 1969, [redacted]

(16) [redacted] Geological Sciences Division, CIT, Pasadena, California, advised he has known the appointee, BRUCE CHURCHILL MURRAY, both socially and professionally since 1961. He said he considers the appointee to be an excellent scientist and a man of outstanding character, associates, reputation, and loyalty. He said he and the appointee have been involved in work and research with planetary geophysics. The appointee is a completely dedicated, conscientious, and competent individual.

[redacted] highly recommended the appointee for a position of trust and responsibility with the United States Government.

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CLOSE PERSONAL ASSOCIATES

On May 12, 1969, [redacted]

[redacted] who is employed with Air Conditioning Company, Inc., 6265 San Fernando Road, Glendale, California, advised he has known the appointee, BRUCE CHURCHILL MURRAY, and his family for about eight years. [redacted] said he knows the appointee both socially and professionally and he considers the appointee to be a close personal friend. The appointee is a very dedicated and competent scientist who is highly regarded in his field. The appointee, as well as all members of his family, are individuals of outstanding character, associates, reputation, and loyalty. [redacted] highly recommended the appointee for a position of trust and responsibility with the United States Government.

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On May 12, 1969, [redacted]
[redacted], Materials Division, Jet Propulsion
Laboratory, 4800 Oak Grove Drive, Pasadena, California,
advised he has known the appointee, BRUCE CHURCHILL
MURRAY, and his family for about eight years. He said
he knows the appointee both socially and professionally.
He has worked with the appointee on several scientific
projects. He described the appointee as a brilliant,
competent, and dedicated scientist who is highly regarded
in his field. He said the appointee and all members of
his family are individuals of excellent character,
associates, reputation, and loyalty. [redacted] highly
recommended the appointee for a position of trust and
confidence with the Federal Government.

The appointee, on his Standard Form 86
(Security Investigation Data for Sensitive Position),
listed [redacted] as a close personal associate.
The comments of [redacted] can be located under the
"Employment" section, subcaption "RAND Corporation",
of this report.

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CREDIT AND ARREST

The appointee, on his Standard Form 86,
listed [redacted]
[redacted]

On May 9, 1969, the files of the Pasadena
Merchants Association, Pasadena, California, were
caused to be reviewed. These files disclosed that
BRUCE CHURCHILL MURRAY and [redacted] have been
known to this credit agency since October 1960.
They have a satisfactory credit rating and no
unfavorable information is contained in their file.

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On May 12, 1969, the files of the Retail
Merchants Credit Association, Los Angeles, California,
were caused to be reviewed. These files disclosed
that BRUCE CHURCHILL MURRAY and [redacted] have

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been known to this credit agency since August 1961. Their address is shown as 1535 Sierra Madre Villa Avenue, Pasadena, California. They have a satisfactory credit rating and no unfavorable information is contained in their file.

On the dates indicated, the files of the following agencies were caused to be reviewed and no record was located identifiable with the appointee or his wife:

Los Angeles Police Department
Los Angeles, California
May 8, 1969

Los Angeles County Sheriff's Office
Los Angeles, California
May 8, 1969

Pasadena Police Department
Pasadena, California
May 12, 1969

On May 8, 1969, the files of the Traffic Violations Bureau, Municipal Court, Los Angeles Judicial District, Los Angeles, California, were caused to be reviewed and no record was located identifiable with the appointee.

On May 15, 1969, the files of the Santa Monica Credit Association and the Santa Monica Police Department, Santa Monica, California, were caused to be reviewed and no record was located identifiable with the appointee.

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MISCELLANEOUS

On May 8, 1969, [redacted] Clerk, Special Procedures Section, Collection Division, Internal Revenue Service, United States Treasury Department; Los Angeles, California, advised she could locate no record of any federal tax liens for the appointee. BRUCE CHURCHILL MURRAY, or [redacted]
[redacted]

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On May 8, 1969, the library of the "Los Angeles Times", a major metropolitan Los Angeles, California newspaper, was caused to be reviewed and the following items were noted concerning the appointee, BRUCE CHURCHILL MURRAY:

"Radiation Opens New Windows' in Heavens, dated February 10, 1967, (Exhibit A);

"Mercury Fly-By Called Choicest Plum in Space", dated July 6, 1967, (Exhibit B);

"U.S. Space Program Dying, Scientist Tells Lawmakers", dated February 28, 1968 (Exhibit C).

Radiation Opens New 'Windows' in Heavens

Full Range of Spectrum Now Being Used
to Study Sky, Caltech Symposium Told

BY GEORGE GETZE
FRI FEB 10 1967
Times Science Writer

Astronomers have to keep looking through the "new windows" that have been opened up in the sky even though they may not always know what they're looking for, a scientist said Thursday at Caltech.

Bruce Murray, associate professor of planetary science at Caltech, said the "new windows" are the radiation wave lengths that have been unfamiliar regions to astronomers.

The wave lengths of the spectrum that have told astronomy all it knows about the moon, planets, sun and other features of space are the light waves that can be seen by the eye or on a photographic plate.

X rays and Radar

Now, Murray and other speakers said at Caltech, the whole range of the spectrum, from x rays to radar waves, is being used by science to study the sky.

Murray spoke at the annual symposium sponsored by the Industrial Associates of Caltech. The subject of this year's talks is the new astronomy.

Murray's particular topic was infrared astronomy — astronomy by analysis of the spectra of infrared or heat radiation.

Possibilities Great

He said the astronomical uses of infrared radiation and its detection are a direct outgrowth of the development of infrared sensors for military reasons. But the scientific uses have already gone far beyond such purposes, and the possibilities of the future are even more divorced from defense.

Most of the things that infrared astronomy has discovered appear to have been unexpected, and therefore have been called "anomalies."

For example, Murray said, taking a thermal profile of the darkened area of the moon has shown unexpected peaks of warmth in parts one would expect to find more or less uniformly cold.

Sea of Crisis

The Sea of Crisis, even after five earth days in the shadow, has still shown up as an important feature on the infrared or heat "map" of the moon.

These and other findings of the new astronomy are making the moon a much more familiar place to man — so familiar that Murray said they "mark the time when the study of the moon passes from astronomy to geophysics."

Because of chemical and texture differences, no two kinds of surface material of the moon, or of any object, emit or reflect radiation in identical ways, and these differences of "emissivity," as Murray called it, will be immensely important in mapping the moon.

Exact Spot

Taking samples of the surface material, and returning the samples to earth for study, will tell science a great deal about the moon, but only about the exact spot on the moon from which the samples were taken, according to Murray.

On the other hand, he thinks it will be possible to make mineralogical maps of great reaches of the moon by studying differences in infrared radiation patterns.

Besides the anomalies infrared astronomy has found in the study of the moon, Venus and Jupiter have turned out to be somewhat different from expected when viewed in the infrared.

Murray said one would expect the distribution of heat in Venus to be uneven because the planet rotates so slowly and because any area of the surface is turned toward the sun for such long periods.

Instead, infrared astronomy found that Venus has an apparently enormous capacity to store heat, and that the heat is more uniformly distributed than was expected.

Jupiter, a much fainter infrared target, was an opposite case. It rotates rapidly, and it was thought the heat would be distributed uniformly. Instead, Murray said, latitudinal banding of heat, as on the earth, was found.

Theory Explained

He said it is suspected, however, that the banding is in the planet's stratosphere and that the distribution of heat has little to do with conditions in the lower atmosphere.

Infrared astronomy was also used as Caltech to measure the temperature of the comet Ikeya-Seki, and to show that its nucleus was not made of ice or dust, but was of iron.

Other speakers Thursday at the Caltech Industrial Associates symposium were F. J. Low, of the University of Arizona and Rice Institute; E. W. Dennison, of the Mt. Wilson and Palomar Observatories; John Spence, of the Eastman Kodak Co., and G. E. Kron, of the U.S. Naval Observatory.

EXCITING, SIGNIFICANT

Mercury Fly-By Called Choicest Plum in Space

BY GEORGE GETZES JUL 6 1974

Times Science Writer

A Mariner fly-by of the planet Mercury is the "choicest plum ripe for picking in the whole orchard" of possible space explorations, according to Bruce Murray, associate professor of planetary sciences at Caltech.

Dr. Murray said in an interview that such an expedition to the vicinity of Mercury would be as scientifically exciting and significant as any other space project now possible.

Not only would a Mercury fly-by be most significant to science, it is technologically possible with the tools the United States already has, particularly its guidance and communications systems, Dr. Murray said at Caltech.

He was the speaker at a summer scientific meeting of the Astronomical Society of the Pacific, being held at Caltech.

Only U.S. Is Able

Murray said the United States is the only country now able to send a space vehicle to Mercury, especially along the indirect route he proposes.

"Mercury is by far the least observed of the terrestrial planets of the solar system," he said.

"Think how much the surface pictures of Mars changed the scientific view of that planet," Dr. Murray said.

"The advances in science to be gained from similar pictures of the surface of Mercury could be incomparably greater, if only because we know so much less about Mercury than we knew about Mars."

The fact that we know so little about Mercury, however, is not the most important reason for wanting to know more, Dr. Murray said.

"Mercury is in some ways an anomaly among the planets," he said.

"For instance, although it is not much bigger than our moon, it may be as dense as the earth itself.

"We don't know why it is so dense. Is it just another moon that happens to have an iron core, or is it an earth-like planet with mountains?" he asked.

Murray said science has a great deal to learn about the atmosphere of Mercury.

"It was thought a few years ago that Mercury had a very dense atmosphere, probably of some gas like carbon dioxide," Murray said.

"New radar discoveries of the rotation of Mercury have led to the abandonment of that idea. But we are not sure yet what concept of atmosphere can be substituted."

Dr. Murray said Mercury rotates three times on its axis while going around the sun twice. One day on Mercury is equal to 176 earth days.

"But a few years ago the fact that

Mercury rotated at all on its axis wasn't known. It was thought always to keep the same side turned toward the sun," he said.

He said to send a space vehicle directly from the earth to Mercury would take a Saturn V rocket, too expensive a proposition to be seriously considered by those holding the purse strings of the space program.

"But we will soon have what can almost be called a unique opportunity to do it with cheaper rockets and instruments we have on hand," Dr. Murray said.

The suggestion is that the Atlas Centaur rocket be used (the same one that is used in the Mariner program) and that instead of the vehicle being launched toward Mercury, it be directed toward Venus.

The gravitational force of Venus would be calculated exactly to pull the space vehicle off its original course and deflect it toward Mercury.

This, Dr. Murray said, would be like having a free, extra rocket stage to carry the vehicle on toward Mercury, and would provide the equivalent energy of an enormous propulsive maneuver in space.

Called 'Bank Shot'

This procedure is known as the "bank shot," as in billiards, and was first proposed in 1963 by M. A. Minovitch.

According to Dr. Murray, the United States is the only country with sophisticated enough guidance and communications systems to bring it off.

To make the bank shot work, Mercury has to be at its farthest from the sun and Venus at its nearest, and this alignment doesn't come about often.

"The next time they will be lined up that way will be in 1970, and that is probably too soon to get everything ready, especially in view of the limited amount of money that is available for planetary exploration," Dr. Murray said.

"The next time after that will be in 1973, when the lineup of Mercury and Venus and the sun will again be favorable.

"After that, they won't be lined up right again until 1982, and then not so perfectly as in 1973.

"You can say that for all practical purposes, it's in 1973 that the shot has to be made or we can forget about it for a decade or two, and then it will be a project for our children," Dr. Murray said.

He said the necessary alignment is so rare because the celestial mechanics involved are very complicated, both Mercury and Venus having eccentric orbits.

CALLS AMERICANS TOO CYNICAL

U.S. Space Program Dying,
Scientist Tells Lawmakers

FEB 23 1968

BY MARVIN MILES

Times Aerospace Editor

America's proposed planetary program is an inadequate compromise and a sure road to mediocrity; a Caltech scientist has testified before a House space subcommittee.

In disclosing his Washington testimony, Dr. Bruce C. Murray, associate professor of planetary science, said the United States is in the process of going out of the space exploration business.

"Our program is dying in 1968," the scientist said. "Our children will read about this great human endeavor not in American literature, but in Soviet books and reports."

And it is the American people who are culpable, not the Congress or the Administration, Dr. Murray added.

Says We Are Too Cynical

"We are too cynical," he explained. "We think of space exploration as a stunt, whereas to the Russians it is terribly important, a cultural challenge, the wave of the future that will demonstrate the promise of their society."

"It would be tragic," the scientist told the subcommittee, "if we were to ignore the challenge when it is within our means to respond."

"The planets are going to be explored only once in the history of man and that time is close at hand. We must not fail to respond because it is a challenge to our vision, to our optimism for the future, to our image of ourselves."

Dr. Murray noted in his testimony that America's leading position in planetary exploration was effectively challenged last October when the Soviets landed an instrumented capsule on Venus, the first Russian planetary success in almost 20 missions.

Russia May Try Mars Landing

"There is every reason," he warned, "to expect the Soviets to aggressively exploit their newly demonstrated space capability in an attempt to place a scientific package on Mars . . . They might even begin initial experiments with a first landing as early as 1969."

The Caltech scientist pointed to the currently proposed U.S. program that would add two dual flights to Mars (orbital flights in 1971 and small capsule landings in 1973) to a double fly-by mission planned next year. There will be no life detection systems aboard, however.

This inadequate compromise, he told the subcommittee, is symptomatic of a basic weakness in the U.S. national space effort—the lack of agreement as to its character and magnitude in the period after manned landings on the moon in the Apollo program.

"We can have a program of planetary exploration at modest cost by emphasizing 'first looks' at even more distant planets," he testified.

"We can also participate in the direct exploration of the surface of Mars if we are willing to substantially increase available funds each year for the next three or four years."

"But the sure road to mediocrity and a conspicuous second place now that the Soviets are in the game, is to try to keep both options open within limited resources."

Congress, the Space Agency and other elements of the government "must come to terms on whether funds for U.S. planetary exploration can be expected to increase rapidly in coming years," the scientist contended.

If public enthusiasm is judged insufficient to support a rapid increase in funds, Dr. Murray told the subcommittee, then the search for possible microbial life on Mars—the guiding U.S. strategy—must be realistically reexamined.

Postponement until 1973 of the first U.S. landing effort on Mars, he said, incurs a high risk of obsolescence for such a mission as a result of equivalent or superior Soviet landings in 1969 or 1971.

Perhaps, he suggested, the U.S. should wait until initial Soviet results show whether microbial life is possible on the Red Planet by detecting the presence of water and organic compounds.

Satisfactory alternatives, he declared, might include a single U.S. Mars landing in 1971 or a single launch to Mercury by way of Venus in 1970 at the expense of some of the Mars effort currently proposed.

Other Challenging Objections

America, the scientists advised the subcommittee, could effectively pursue other very challenging objectives in space—close-up looks at other planets that also would be historic milestones in man's search to understand his surroundings.

Because of present superiority in long range space communications, in spacecraft reliability and in photography and other kinds of remote sensing instrumentation, he explained, the U.S. can maintain a position of unchallenged excellence in some aspects of planetary exploration.

Without a national commitment to major funding increases in future years, Dr. Murray pointed out, the U.S. could pursue opportunities for a 1970 fly-by of Mercury and an early Jupiter fly-by (launched no later than 1973) together with a 1974 Mars mission.

At the same time, he emphasized, the nation should undertake early preparations toward a once-in-a-century opportunity for the "grand tour" of Jupiter, Saturn, Uranus and Neptune.

This mission, possible in 1977-78—and not again until the year 2153—would permit each planet in turn to accelerate a spacecraft on to the next planet in a "swing-by" technique that would require no massive propellant loads.

NIA
5/20/69

VIA TELETYPE
MAY 21 1969
ENCIPHERED

- Mr. Tolson _____
- Mr. DeLoach _____
- Mr. Mohr _____
- Mr. Bishop _____
- Mr. Casper _____
- Mr. Callahan _____
- Mr. Conrad _____
- Mr. Felt _____
- Mr. Gale _____
- Mr. Rosen _____
- Mr. Sullivan _____
- Mr. Tavel _____
- Mr. Trotter _____
- Tele. Room _____
- Miss Holmes _____
- Miss Gandy _____

WASH DC --3--
2-09PM URGENT 5-21-69 NJZ
TO DIRECTOR (161-4635) PLAINTEXT
FROM LOS ANGELES (161-1060) (RUC)

①

MR. CLEVELAND
ROOM 1246

BRUCE CHURCHILL MURRAY, SPI. BUDED MAY TWENTY LAST.

RE WFO TEL CALL TO LA, MAY TWENTY, LAST.

TODAY, [REDACTED]

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b7c

[REDACTED] PROJECT RAND, RAND CORPORATION,
ONE SEVEN ZERO ZERO MAIN, SANTA MONICA, CALIFORNIA, ADVISED
HE HAS KNOWN APPOINTEE SINCE SIXTY ONE AS CONSULTANT AT
RAND. KNOWS APKOINTEE BOTH SOCIALLY AND PROFESSIONALLY
AND HAS HAD ACTIVE CONTACT WITH HIM SINCE SIXTY SIX.
APPOINTEE EMPLOYED AS PROFESSOR OF PLANETARY SCIENCES IN
GEOLOGY SCIENCES DIVISION AT CALIFORNIA INSTITUTE OF
TECHNOLOGY, PASADENA, CALIFORNIA. APPOINTEE HAS BEEN WORKING
ON VARIOUS SPACE PROGRAMS AT RAND, INCLUDING SEVENTY ONE
ORBIT PROJECT TO MARS AND RESEARCH ON RUSSIAN SPACE PROGRAM.

PM

APPOINTEE IS PERSON OF OUTSTANDING CHARACTER, ASSOCIATES,
REPUTATION, AND LOYALTY, WHO IS EXTREMELY COMPETENT AND
HIGHLY INTELLIGENT. [REDACTED] HIGHLY RECOMMENDS

161-4635-47

NOT RECORDED
JUN 24 1969

END PAGE ONE

*cc destroyed
6-24-69 sll*

9-10026

80 JUL 1 2/1969

PAGE TWO

LA 161-1060

APPOINTEE FOR POSITION OF TRUST AND CONFIDENCE WITH U.S.
GOVERNMENT.

UACB, NO REPORT BEING SUBMITTED.

END

REM FBI WAH DC

June 2, 1969

BY LIAISON

Honorable John D. Ehrlichman
Counsel to the President
The White House
Washington, D. C.

- 1 - [redacted]
- 1 - Mr. Gale
- 1 - Mr. Cleveland
- 1 - [redacted]

b6
b7C

Dear Mr. Ehrlichman:

Transmitted herewith is a summary memorandum containing the results of investigation conducted concerning Dr. Bruce Churchill Murray, in accordance with a request received on May 5, 1969, from [redacted] of the Office of Science and Technology. A copy of this summary memorandum is also being furnished to [redacted]

b6
b7C

Applicant-type investigations were conducted concerning Dr. Murray in 1961 and 1966, the results of which have been furnished previously to you and [redacted]. The enclosed summary memorandum covers the activities of Dr. Murray since September, 1966.

The Internal Revenue Service has advised that income tax returns were timely filed by Dr. Murray for the years 1966 and 1967. There is no record of unpaid taxes, liens, or intelligence investigations concerning these returns.

The investigation of Dr. Murray covered inquiries in the continental United States concerning his character, loyalty, ability, and general standing, but no inquiries were made as to the sources of his income.

This concludes the investigation of Dr. Murray.

Sincerely yours,

- Tolson _____
- DeLoach _____
- Mohr _____
- Bishop _____
- Casper _____
- Callahan _____
- Conrad _____
- Felt _____
- Gale _____
- Rosen _____
- Sullivan _____
- Tavel _____
- Trotter _____
- Tele. Room _____
- Holmes _____
- Gandy _____

2- ENCLOSURE
Enclosure
[redacted]
[redacted]

SEE NOTE PAGE 2.

REC-28
RECORDED
JUN 24 1969

FOR
DISSEMINATION.

70 JUL 1 - 1969

TELETYPE UNIT

ja

161-463549


9-228

*by
ENCL
X*

Honorable John D. Ehrlichman

NOTE: Request received from OST for White House clearance May 5, 1969. Murray, aged 37, is Professor, California Institute of Technology, Pasadena, California, and is consultant, Rand Corporation, Santa Monica, California. His father's reported CP membership in 1939 and his reported subsequent drop from CP rolls as "stool pigeon" was not substantiated by 1949 loyalty investigation re father. Father currently resides in Mexico. Murray considered brilliant scientist by his colleagues. Results of Internal Revenue Service checks prior to 1966 previously furnished to the White House and OST.

photo

CC TO: *CPM*
REQ. REC'D *11-27-84*
FEB 28 1986
AA


MAY 70 4 50 PM

JUN 2 11 06 AM '69

REC'D DELOACH
F B I

RECEIVED-DIRECTOR
F. B. I.
JUN 2 12 00 PM '69

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b7c



UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535

June 2, 1969

BRUCE CHURCHILL MURRAY

This investigation covers Dr. Murray's activities since September, 1966. He was born on November 30, 1931, in New York City.

Employment

Dr. Murray has continued his employment with the California Institute of Technology, Pasadena, California, where he is presently Professor of Planetary Sciences, Geological Sciences Division.

Since 1966 he has been employed as a consultant to the Office of Science and Technology, Executive Office of the President, Washington, D. C.

Dr. Murray is also employed as a consultant by the Rand Corporation, Santa Monica, California.

Residence

Dr. Murray and [redacted] reside at 1535 Sierra Madre Villa Avenue, Pasadena, California.

b6
b7cMilitary Service

Dr. Murray has continued to serve in the United States Air Force Reserve in an inactive status and he is designated as a standby reservist.

Interviews

[redacted] California Institute of Technology, Pasadena, California, advised he has known Dr. Murray since August, 1960, both professionally and socially. He stated he is a brilliant and dedicated scientist who is highly regarded in his field. He commented Dr. Murray's character, reputation, and associates are above reproach and

Bruce Churchill Murray

stated he is a loyal American. He advised he would recommend him highly for a position of trust and confidence with the United States Government.

[redacted] Geological Sciences Division, California Institute of Technology, Pasadena, California, advised he has known Dr. Murray professionally and socially since August, 1960. He described him as a conscientious, intelligent, and dedicated individual whose character, reputation, and associates are excellent. He stated Dr. Murray is an outstanding scientist and a loyal American. He advised he would recommend him highly for a position with the United States Government involving responsibility and trust.

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[redacted] Electronics Department, The Rand Corporation, Santa Monica, California, advised he has known Dr. Murray for approximately [redacted] and [redacted] at the Rand Corporation. He commented Dr. Murray is a geologist by profession but he is presently working as an engineer-scientist in the space program, specifically, the 1971 orbit project to Mars. He described Dr. Murray as a brilliant scientist who is dedicated and highly conscientious. He stated he is a loyal American whose associates, reputation, and character are excellent. He advised he would recommend him highly for a position of trust and confidence with the United States Government.

[redacted] The Rand Corporation, Santa Monica, California, advised he has known Dr. Murray since 1961, both socially and professionally. He stated he is a person of outstanding character, associates, and reputation whose loyalty is above question. He described Dr. Murray as an extremely competent and highly intelligent person. He stated Dr. Murray has been working on various space program projects at the Rand Corporation and has done some research on the Russian space program. He advised he would recommend Dr. Murray highly for a position with the United States Government involving confidence and trust. Referral/Consult

[redacted] Office of Science and Technology, Executive Office of the President, Washington, D. C., advised he has known Dr. Murray since 1966 on a professional basis. He described Dr. Murray as a very intelligent, conscientious, and capable scientist who

Bruce Churchill Murray

has made valuable contributions to the Office of Science and Technology. He commented favorably concerning his reputation, associates, and character. He advised he considers Dr. Murray a loyal American and stated he would recommend him for a position of trust and responsibility with the United States Government.

Twenty-one additional persons, including references, professional and social acquaintances, fellow scientists and educators, and neighbors, were interviewed during this investigation. They advised Dr. Murray is a brilliant scientist who is highly regarded by scientists and educators in his field. They described him as a conscientious, dedicated, intelligent, and competent person who has leadership ability. They commented he has a fine personality and works well with others. They stated his character, reputation, and associates are excellent. They said they consider him a loyal American and advised they would recommend him highly for a position with the United States Government involving responsibility and trust. Those persons acquainted with Dr. Murray's close relatives advised they are loyal Americans and respectable citizens.

Close Relatives

Dr. Murray's mother, Esther Higgins Murray, resides in Washington, D. C.

A confidential source abroad advised Dr. Murray's father, Joseph Churchill Murray, resides in Acapulco, Mexico. This source stated records of the appropriate police agencies in Mexico disclose no record regarding Joseph Churchill Murray.

Credit and Arrest Checks

Information has been received from the appropriate credit reporting and law enforcement agencies indicating their files contain either no record or no additional pertinent information concerning Dr. Murray or his close relatives.

Passport Record

The records of the Passport Office, Department of State, Washington, D. C., disclose Dr. Murray was issued a passport on September 13, 1968, for a proposed trip to the Union of Soviet Socialist Republics and England for fourteen days to attend a scientific conference.

Bruce Churchill Murray

Security Clearances

According to the records of the Defense Industrial Security Clearance Office, Columbus, Ohio, Dr. Murray has an active secret clearance in relation to his employment with the California Institute of Technology, Pasadena, California, and an active top secret clearance in relation to his employment with the Rand Corporation, Santa Monica, California.

Agency Checks

Information has been received from the following governmental agencies indicating their files contain either no record or no additional pertinent information concerning Dr. Murray:

Bureau of Personnel Investigations, Civil Service Commission; House Committee on Internal Security; Office of Security and Passport Office, Department of State; Central Intelligence Agency; Defense Industrial Security Clearance Office, Columbus, Ohio; Defense Central Index of Investigations, Fort Holabird, Maryland; Office of Special Investigations, Department of the Air Force; Library of Congress; United States Secret Service; and the White House Office.

The central files of the FBI, including the files of the Identification Division, contain no additional pertinent information concerning Dr. Murray.

June 2, 1969

BY LIAISON

- 1 - [Redacted]
- 1 - Mr. Gale
- 1 - [Redacted]
- 1 - [Redacted]

b6
b7c

[Redacted]

Office of Science and Technology
Executive Office of the President
Washington, D. C.

Dear [Redacted]

Transmitted herewith is a summary memorandum containing the results of investigation conducted concerning Dr. Bruce Churchill Murray, in accordance with a request received on May 5, 1969, from the Office of Science and Technology. A copy of this summary memorandum is also being furnished to the Honorable John D. Ehrlichman.

Applicant-type investigations were conducted concerning Dr. Murray in 1961 and 1966, the results of which have been furnished previously to you and to the Honorable John D. Ehrlichman. The enclosed summary memorandum covers the activities of Dr. Murray since September, 1966.

The Internal Revenue Service has advised that income tax returns were timely filed by Dr. Murray for the years 1966 and 1967. There is no record of unpaid taxes, liens, or intelligence investigations concerning these returns.

The investigation of Dr. Murray covered inquiries in the continental United States concerning his character, loyalty, ability, and general standing, but no inquiries were made as to the sources of his income.

This concludes the investigation of Dr. Murray.

✓ Sincerely yours,

[Redacted Signature]

NOT RECORDED

1 JUN 24 1969

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b7c

Enclosure

- Tolson _____
- DeLoach _____
- Mohr _____
- Bishop _____
- Casper _____
- Callahan _____
- Conrad _____
- Felt _____
- Gale _____
- Rosen _____
- Sullivan _____
- Tavel _____
- Winterrowd _____
- Tele. Room _____
- Holmes _____

[Redacted]

Return to [Redacted] Room 7644.

MAIL ROOM TELETYPE UNIT

9-1921

DEFENSE INVESTIGATIVE SERVICE
NATIONAL AGENCY CHECK

FBI CENTRAL RECORDS SYSTEM
RESPONSE TO AN INDICES RECORD CHECK
(DOES NOT INCLUDE A FINGERPRINT CHECK)

DATE: 3/25/87
CIDN: 8707850650

NAME: MURRAY, BRUCE CHURCHILL

AKA:
DOB: 11/30/31
POB: NY
SOC: 555-32-5745
SEX: M

RACE: W
ADDR:
EMPL:
MISC:

GALLOWAY 5224

NS#: 33 DATE: 4/23

NR: TO FR: ✓

PR2

FR#: DATE:

NR: TO EAU:

EAU#: DATE:

SEQUENCE NO: 191797

ORI NO: USDIS000Z



161-4635-53

JUN 3 1987

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b7c

In response to your request
there are attached
reports which may relate
to the subject of your inquiry.

This reply is a result of a
check of FBI Headquarters
investigative files only. To
check arrest records, request
must be submitted to FBI
Identification Division.
Fingerprints are necessary
for a positive check.



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REC

161-4635-31, 49

OUT SFR. NOV 07 '89

5-6-87

710-e Check

DJS 4

FBI

EXEMPTED FROM AUTOMATIC
DECLASSIFICATION
AUTHORITY DERIVED FROM:
FBI AUTOMATIC DECLASSIFICATION GUIDE
EXEMPTION CODE: 25X(1, 6)
DATE 01-06-2014 By: J89J28T90
FBI INFORMATION ONLY

TRANSMIT VIA:

- Teletype
- Facsimile
- Airtel

PRECEDENCE:

- Immediate
- Priority
- Routine

CLASSIFICATION:

- TOP SECRET
- SECRET
- CONFIDENTIAL
- E F T O
- CLEAR

1/10/79

Date

CONFIDENTIAL

TO : DIRECTOR, FBI

FROM : SAC, CINCINNATI (105-7952 Sub B)

SUBJECT: BRUCE CHURCHILL MURRAY

(S)

(OO:LA)

Captioned subject, who has access to classified information, has reported to his employer, a defense contractor, that he was in contact with an official

limited to a check of your indices and FBIHQ indices and contact with appropriate security officer or other official of the employing firm for additional details of the incident. Thereafter, the subject, if deemed advisable, is to be interviewed upon receipt of the results of FBIHQ indices check. (C)

At the outset of the interview, the subject is to be advised of the FBI's foreign counterintelligence responsibility and our awareness of his contact with a foreign official or travel. The subject should be advised, if appropriate, that by virtue of his access to classified information he could be a target of a hostile intelligence service. (C)

The subject's "contact report" to Defense Industrial Security Clearance Office (DISCO), Columbus, Ohio, is as follows:

CLASSIFIED AND EXTENDED BY 2066
REASON FOR EXTENSION FCIM, II, 1-2.4.2 (2 & 3)
DATE OF REVIEW FOR DECLASSIFICATION JANUARY 10, 1999

- 3-Bureau
- (1-105-317647 Sub B)
- 2-Los Angeles
- 1-Cincinnati

Request

(S)

Approved: (6) 1/10/79

Transmitted

(Number)

(Time)

Per

6-7 LA 3/4/79 "Bureau indices disclose that Dr Bruce Churchill Murray was the subject of a white house investigation in accordance with a request received on 5/5/79 from the office of science and technology. APPR ICANT-TYPE INVESTIGATIONS WERE ALSO CONDUCTED CONCERNING SUBJECT DR MURRAY IN 1964 AND 1966 LA AND LA 105-36115 (C) JANUARY 1979 AND SF LETTER 2/13/85 P. 3 CAPTIONED LA 105-36115 (C) JANUARY 1979 WHICH MAKE REFERENCE TO SUBJECT.

b1
b3
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DUN

JAN 15 1979

~~CONFIDENTIAL~~

CI 105-7952 Sub B

~~CONFIDENTIAL~~

Subject, employed by Jet Propulsion Laboratory, 4800 Oak Grove Drive, Pasadena, California, 91103, traveled to the Peoples Republic of China, 9/6 - 17/78, on business. DISCO records reflect MURRAY, SSAN 555-32-5745, DPOB, 11/30/31, New York, New York, holds a "~~Top Secret~~" clearance and has had access to ~~top secret~~ information during the past two years. ~~(S)~~

(U) The receiving office is to conduct this investigation in accordance with existing instructions and advise FBIHQ. No necessity exists for Cincinnati to be furnished the results of your inquiry. ~~(S)~~

(U) FBIHQ is requested to check its indices concerning the subject and provide results to the OO. ~~(U)~~

~~CONFIDENTIAL~~

FEDERAL BUREAU OF INVESTIGATION

Records Branch

FEB 7 1979, 19

- Name Searching Unit, 4543 JEH-FBI Bldg.
- Service Unit, 4654 JEH-FBI Bldg. 4/33 JEH
- Forward to File Review
- Attention 4271 JEH
- Return to EXT. 2003 # 46 ^{b6}
- Room 46 Ext. 46 ^{b7C}

Type of Search Requested:

- Restricted Search Not Applied
- All Reference (Subversive & Nonsubversive)
- Subversive Search
- Nonsubversive Search
- Main _____ References Only

Special Instructions:

- Restricted to Locality of CALIF
- Exact Name Only (On the Nose)
- Buildup Variations

Subject BRUCE CHURCHILL MURRAY
 Birthdate & Place 11/30/31 NY, NY
 Address Employed by Jet Propulsion Laboratory, 4800 Oak Grove Drive, Pasadena, California

R# _____ Date _____ Searched
 Initials

Prod. _____

	FILE NUMBER	SERIAL
MF	161 - 4635	
MF	116 - 446864	c
MF	161 - 4635-49	
I	105 - 71688 - 1186	w
I	105 - 256707-2	
	Bruce C.	
MF	161 - 4635	
I	105 - 44066 - 68643	
	Bruce - LTL	
I	100 - 439474 - 1	
L	100 - 447724 - 25 p2	
	h recalled 2/22	

~~SECRET~~

(U) EXEMPTED FROM AUTOMATIC
DECLASSIFICATION
AUTHORITY DERIVED FROM:
FBI AUTOMATIC DECLASSIFICATION GUIDE
EXEMPTION CODE: 25X(1, 6)
DATE 03-04-2014 By: J89J28T90

FBI

TRANSMIT VIA:

- Teletype
- Facsimile
- AIRTEL

PRECEDENCE:

- Immediate
- Priority
- Routine

CLAS

- TOP SECRET
- SECRET
- CONFIDENTIAL
- E F T O
- CLEAR

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED EXCEPT
WHERE SHOWN OTHERWISE

Date 2/28/79

~~CONFIDENTIAL~~

TO: DIRECTOR, FBI

(S) FROM: SAC, LOS ANGELES [redacted] (S)

SUBJECT: BRUCE CHURCHILL MURRAY

(S) OO: Los Angeles

Re Cincinnati airtel to Director, 1/10/79. (S)

(S) [redacted]

(U) Captioned individual is employed as the Director of the Jet Propulsion Laboratory (JPL), Pasadena, California. In view of the nature of this position, he travels extensively throughout the world and is in close contact with top U. S. government officials. (S)

(U) Noting the position held by Mr. MURRAY, no further investigation is being conducted by the Los Angeles Division, UACB. (U)

(S)

REC-13

[redacted]

9 MAR 8 1979

- ② - Bureau
- 2 - Los Angeles

(S) (1) [redacted]

[redacted]

- 1* -

~~CONFIDENTIAL~~

~~CONFIDENTIAL~~

CLASSIFIED AND EXTENDED BY 9954
REASON FOR EXTENSION FCIM, II, 1-2.4.2 (2&3)
DATE OF REVIEW FOR DECLASSIFICATION 2/28/99

Approved: [Signature]

Transmitted _____ (Number) _____ (Time)

Per _____ FBI/DOJ

~~SECRET~~

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b7C