



NATIONAL SECURITY AGENCY
CENTRAL SECURITY SERVICE
FORT GEORGE G. MEADE, MARYLAND 20755-6000

FOIA Case: 47886B
3 June 2008

This is our final response to your Freedom of Information Act (FOIA) request of 12 December 2005 for a copy of the administrative tracking file associated with FOIA Case #19136. A copy of your request is enclosed. You were advised in our initial response that for purposes of this request and based on the information you provided in your letter, you are considered an "all other" requester. As such, you are allowed 2 hours of search and the duplication of 100 pages at no cost. There were no search costs associated with this request, and, as anticipated, duplication fees are minimal; therefore, no fees are assessed for this request. Your request has been processed under the FOIA, and some of the documents you requested are enclosed. Certain information, however, has been deleted from the enclosures, and three documents (22 pages) have been withheld in their entirety.

Some of the information deleted from the documents was found to be currently and properly classified in accordance with Executive Order 12958, as amended. This information meets the criteria for classification as set forth in Subparagraphs (b), (c), and (g) of Section 1.4 and remains classified TOP SECRET, SECRET, and CONFIDENTIAL as provided in Section 1.2 of the Executive Order. The information is classified because its disclosure could reasonably be expected to cause exceptionally grave damage to the national security. Because the information is currently and properly classified, it is exempt from disclosure pursuant to the first exemption of the FOIA (5 U.S.C. Section 552(b)(1)).

In addition, this Agency is authorized by various statutes to protect certain information concerning its activities. We have determined that such information exists in these documents. Accordingly, those portions are exempt from disclosure pursuant to the third exemption of the FOIA which provides for the withholding of information specifically protected from disclosure by statute. The specific statutes applicable in this case are Title 18 U.S. Code 798; Title 50 U.S. Code 403-1(i); and Section 6, Public Law 86-36 (50 U.S. Code 402 note).

Some of the information has been deleted from the enclosures pursuant to the fifth exemption of the FOIA. This exemption applies to inter-agency or intra-agency memoranda or letters, which would not be available by law to a party in litigation with

the agency, protecting information that is normally privileged in the civil discovery context, such as information that is part of a predecisional deliberative process.

In addition, Subsection (b)(2) of the FOIA exempts from disclosure matters related solely to the internal personnel rules and practices of an agency. This exemption has been held to apply to matters that are "predominantly internal," the release of which would "significantly risk circumvention of agency regulations or statutes." Crooker v. Bureau of Alcohol, Tobacco, and Firearms, 670 F.2d 1051, 1074 (D.C. Cir. 1981). Information contained within the enclosures meets the criteria for Exemption (b)(2) protection as that statutory provision has been interpreted and applied by the Federal Judiciary. The information being protected under Subsection (b)(2) is limited to e-mail routing information that appears before the text of a message and would reveal how NSA's information network is constructed. The release of such information could expose the network to unauthorized access and is classified CONFIDENTIAL.

Since three documents were withheld in their entirety and information was withheld from the enclosures, you may construe this as a partial denial of your request. You are hereby advised of this Agency's appeal procedures. Any person denied access to information may file an appeal to the NSA/CSS Freedom of Information Act Appeal Authority. The appeal must be postmarked no later than 60 calendar days from the date of the initial denial letter. The appeal shall be in writing addressed to the NSA/CSS FOIA Appeal Authority (DJP4), National Security Agency, 9800 Savage Road STE 6248, Fort George G. Meade, MD 20755-6248. The appeal shall reference the initial denial of access and shall contain, in sufficient detail and particularity, the grounds upon which the requester believes release of the information is required. The NSA/CSS Appeal Authority will endeavor to respond to the appeal within 20 working days after receipt, absent any unusual circumstances.

The Central Intelligence Agency (CIA) has asked that we protect information pursuant to 5 U.S.C. 552 (b)(1), (b)(3) and (b)(5). Those deletions have been marked with the code OGA (Other Government Agency). Any appeal of the denial of CIA information should be directed to that agency.

Sincerely,



RHEA D. SIERS
Deputy Associate Director for Policy

Encls:
a/s

12/22/05

December 12, 2005

National Security Agency
Pamela N. Phillips
Chief, FOIA/PA Services
Office of Information Policy, DC321
Ft. George G. Meade, MD 20755-6248

Dear Ms. Phillips:

Pursuant to the provisions of the Freedom of Information Act, I hereby request a copy of the administrative tracking file (including memos, correspondence, email and other documents) associated with another individual's FOIA request number 19136.

I understand that in this case, a requester was grossly overcharged by \$9000.

This is an individual noncommercial request for research and study purposes, and I agree to pay up to \$25 for costs associated with this request.

Sincerely,

Received 8 Oct 99
9022.00

JYA/URBAN DEADLINE 251 WEST 89TH ST, SUITE 6E NY NY 10024 212-873-8700

October 6, 1999

By fax to: 301-688-6198

5027

National Security Agency
ATTN: FOIA Office (N5P5)
9800 Savage Road STE 6248
Ft. George G. Meade, MD 20755-6248.

Under the Freedom of Information Act I request any and all information and documents on:

The invention, discovery and development of "non-secret encryption" (NSE) and public key cryptography (PKC) by United Kingdom, United States, or any other nation's intelligence and cryptology agencies, prior to, parallel with, or subsequent to, the PKC work of Diffie-Hellman-Merkle.

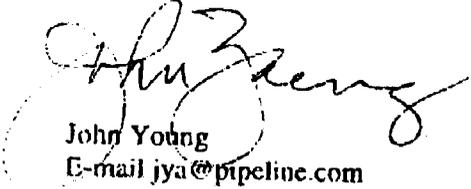
The terms "non-secret encryption" (NSE) and "public key cryptography" (PKC) are taken from the paper by James Ellis, GCHQ. "The Story of Non-Secret Encryption," available at:

<http://jya.com/ellisdoc.htm>

The purpose of this request is to publish information and documents on the Internet at Cryptome (<http://jya.com/crypto.htm>). I shall be pleased to pay FOIA-provided costs for fulfilling this request.

Thank you very much.

Sincerely,


John Young
E-mail jya@pipeline.com

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

memorandum

Serial: J9022-00

Searches sent

DATE: 12 October 1999

REPLY TO
ATTN OF: N5P5

SUBJECT: ESTIMATE OF SEARCH COSTS FOR FREEDOM OF INFORMATION ACT (FOIA) REQUEST

TO: DDI, DDO, DDS, DDT, DDP(N5P2)

1. Please estimate the manpower and/or machine cost(s) that your office would incur by searching for the information requested in the attached correspondence. Do not perform the search at this time. After reviewing your estimate and corresponding with the requester, N5P5 will notify you if the search must be conducted. If you reasonably believe that your organization does not have any responsive records, or if the search cost is under \$25.00, then an estimate is not required and a search may be performed.

2. Please complete the information on the following pages and return the completed forms to N5P5 by **26 October 1999**. If the search estimate/search cannot be completed within the allotted time frame, please notify the Chief, N5P5, Barbara Paisley (bpaisle@n.nsa) by email or phone of the reasons for the delay and the expected date of completion. The requester's letter and the database entries of previous cases related to this subject matter are enclosed.

[Redacted]
FOIA CASE OFFICER
N5P5, 963-5827
[Redacted]@n.nsa

(b) (3)-P.L. 86-36

Encl:
a/s

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

Serial: J9022-00

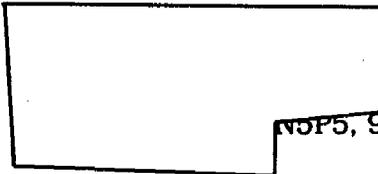
cc: N5P5

Suspense: 26 Oct 99

M/R: **SEARCH:**

(U//~~FOUO~~) This responds to a 6 October 1999 FOIA request from John Young submitted via fax and received in this office on 12 Oct 99 for documents on "The invention discovery and development of 'non-secret encryption' (NSE) and public key cryptology (PKC) by United Kingdom, United States, or any other nation's intelligence and cryptology agencies, prior to, parallel with, or subsequent to, the PKC work of Diffie-Hellman-Merkle." The requester has been placed in the "all other" fee category.

(U//~~FOUO~~) A search was sent out to DDI, DDO, DDS, DDT, and DDP (N5P2) on 12 October 1999 and due back to this office on 26 October 1999.



N5P5, 963-5827s, 12 Sep 99

(b) (3)-P.L. 96-36

~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

required and a search may be performed.

2. (U//FOUO) Please complete the information on the following pages and return the completed forms to N5P5 by **26 October 1999**. If the estimate/search cannot be completed within the allotted time frame, please notify this office in writing of the reasons for the delay and the expected date of completion.

[Redacted] (b) (3) - P.L. 86-36
FOIA Officer
N5P5, 963-5827s, [Redacted]@n.nsa

Encls:
a/s

When responding, please complete ALL applicable blanks below

NO RECORDS WERE FOUND:

____ I reasonably believe that my organization does not have information responsive to the attached request.

____ No responsive records found in our files, and our search cost was under \$25.00.

RECORDS WERE FOUND:

____ Responsive records are attached, the search cost was under \$25.00.
(If a contract, was it competitive? Yes or No) _____

MUST SEARCH TO DETERMINE IF RESPONSIVE RECORDS EXIST:

XXX A search is required to determine if any responsive records exist. My search costs are estimated on page 2-3. (If your search cost estimate exceeds \$25.00, DO NOT SEARCH for the information at this time).

[Redacted] SC4-STINFO/972-2451/13 Oct. 1999
Signature/Office/Secure Phone/Date

ESTIMATED SEARCH AND / OR REVIEW COSTS

- a. List the various organizational elements which contributed to your evaluation:
- b. Briefly describe the types of records that may be responsive (e.g., correspondence, intelligence reports, etc.):

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05-28-2008, FOIA Case # 47886

c. Indicate the number of files which would have to be searched for each category of file listed below (e.g., 2 file drawers and 1 safe):

- _____ file drawers
- _____ file cabinets
- _____ large flipper
- _____ desk drawers
- _____ small flipper
- _____ safe
- _____ shinn boxes

d. Tell us the accessibility of the responsive files:

- _____ Files are centrally located
- _____ Files must be recalled from storage
- _____ Files are contained in readily accessible folders
- _____ Files are scattered throughout several folders, drawers, cabinets, and would require a page-by-page search for proper retrieval
- _____ Files are located in various offices
- _____ Files are organized chronologically rather than by subject matter

e. Other unique conditions that may affect the processing of this request:

f. Machine files to be searched

- _____ ANCHORY
- _____ Other. Briefly describe the system and provide your basis for the computation of the rate. (If you are unable to substantiate the cost, do not include any dollar figure).

$$\text{Period of time X Rate} = \text{Total}$$

$$\text{_____ X _____} = \text{_____}$$

g. Estimate the number of hours that you believe are required to conduct a reasonable search. For commercial requests only also estimate the number of hours that will be required for you to review any responsive documents.

**FOR
COMMERCIAL
REQUESTERS ONLY**

No. Of People Grade TOTAL	Hours of Search	+	Hours of Review	x	Hourly Rate	=	_____
_____ E9/GSS&below	_____	+	_____	x	\$12.00	=	_____
_____ I_01 -06/GS9-15	_40_	+	_____	x	\$25.00	=	1000.00
_____ 07/SCE/SLE/SLP	_____	+	_____	x	\$45.00	=	_____

SECURITY CLASSIFICATION (if any)

FOIA/PA ACTION RECORD

N5P5 LOG DATE (Date of N5P5 correspondence - DD/MM/YYYY)	N5P5 CASE NO. (Case number prefixed by a J, other numbers prefixed by N5P5)
ACTION TITLE (Description or title of customer request)	J
SUSPENSE DATE (Date required to meet N5P5 suspense (usually 10 days) - DD/MM/YYYY)	GROUP LOG NO. (GROUP originated reference no.)
CUSTOMER CORRESPONDENCE DATE (Date on customer's original correspondence - DD/MM/YYYY)	DIR -
DATE ASSIGNED (Date case officer assigned action - DD/MM/YYYY)	CASE OFFICER (Individual assigned to process the customer request and ensure completeness of response)
DATE COMPLETED (Date case officer completed action - DD/MM/YYYY)	
SUBJECT (Prepare one of the following which depends upon the request received from N5P5):	
<input type="checkbox"/> COST ESTIMATE (An estimate, based in hours, on how long it would take to do the search, if requested to do so)	<input type="checkbox"/> FOIA/PA SEARCH (Perform search of all files and databases. Use DD 2086 to keep track of time and level of effort expended in completing search or providing cost estimate)

SEARCH STRATEGY

DATABASES/FILES SEARCHED		
<input type="checkbox"/> ANOHCOPY	<input type="checkbox"/> AFS	<input checked="" type="checkbox"/> CONFC
KEYWORDS USED		

(b) (3) - P.L. 86-36

NO RECORDS FOUND
I reasonably believe that my organization does not have information responsive to the attached request.
A search was performed but there are no responsive records in our files.
<input checked="" type="checkbox"/> MUST SEARCH TO DETERMINE IF RESPONSIVE RECORDS EXIST
RECORDS FOUND (A search was performed and records were found. Complete a Form DD 2086.)
DOC (s)
PAGE (s)

	OFFICE	PHONE (Secure)	(Non-Secure)
	DC325	972-2452	688-7815
B 99 which is obsolete)		SECURITY CLASSIFICATION (if any)	

[Redacted]

S541

From: [Redacted] S541
 Sent: Wednesday, October 13, 1999 1:21 PM
 To: [Redacted] S541; [Redacted] S542; [Redacted] S541; [Redacted] S511; [Redacted] S541; [Redacted] S541; [Redacted] S511; [Redacted] S541
 Cc: [Redacted] S541
 Subject: FW: FOIA J9022-99 Due 22 October 1999

CLASSIFICATION: UNCLASSIFIED
SECURITY CONTROL MARKING: ~~FOR OFFICIAL USE ONLY~~

All,

A cost estimate on this one. Please have your responses back to me by Fri. Oct. 22, so I can get them back to S09 by the deadline. As always, e-mail or hard copy for the results is fine.

Thanks,

[Redacted]
S541 ASC
972-2451

-----Original Message-----

From: [Redacted]
 Sent: Tuesday, October 12, 1999 4:34 PM
 To: [Redacted] S541
 Cc: [Redacted]
 Subject: FOIA J9022-99 / Due 26 October 1999

CLASSIFICATION: UNCLASSIFIED
SECURITY CONTROL MARKING: ~~FOR OFFICIAL USE ONLY~~

A. THE FOLLOWING IS THE ACTION MEMO RECEIVED FROM N5P5:

DATE: 12 October 1999

Serial: J9022-00

SUBJECT: ESTIMATE OF SEARCH COSTS FOR FREEDOM OF INFORMATION ACT (FOIA) REQUEST

TO: DDS, DDO, DDI, DDT, DDT (N5P2)

1. (U//~~FOUO~~) Please estimate the manpower and/or machine cost(s) that your office would incur by searching for the information requested in the attached correspondence. Do not perform the search at this time. After reviewing your estimate and corresponding with the requester, N5P5 will notify you if the search must be conducted. If you reasonably believe that your organization does not have any responsive records, or if the search cost is under \$25.00, then an estimate is not required and a search may be performed.

2. (U//~~FOUO~~) Please complete the information on the following pages and return the completed forms to N5P5 by 26 October 1999. If the estimate/search cannot be completed within the allotted time frame, please notify this office in writing of the reasons for the delay and the expected date of completion.

[Redacted]

(b) (3) - P.L. 86-36

FOIA Officer

N5P5, 963-5827s [Redacted]@n.nsa

Encls:
a/s

When responding, please complete ALL applicable blanks below

NO RECORDS WERE FOUND:

_____ I reasonably believe that my organization does not have information responsive to the attached request.

_____ No responsive records found in our files, and our search cost was under \$25.00.

RECORDS WERE FOUND:

_____ Responsive records are attached, the search cost was under \$25.00.
(If a contract, was it competitive? Yes or No) _____

MUST SEARCH TO DETERMINE IF RESPONSIVE RECORDS EXIST:

A search is required to determine if any responsive records exist. My search costs are estimated on page 2-3. (If your search cost estimate exceeds \$25.00, DO NOT SEARCH for the information at this time).

[Redacted Signature]

SS41/SC41, 972-2451, 14 Oct 99

Signature/Office/Secure Phone/Date

ESTIMATED SEARCH AND / OR REVIEW COSTS

a. List the various organizational elements which contributed to your evaluation:

b. Briefly describe the types of records that may be responsive (e.g., correspondence, intelligence reports, etc.):

c. Indicate the number of files which would have to be searched for each category of file listed below (e.g., 2 file drawers and 1 safe):

_____ file drawers
_____ file cabinets

- large flipper
- desk drawers
- small flipper
- safe
- shinn boxes

d. Tell us the accessibility of the responsive files:

- Files are centrally located
- Files must be recalled from storage
- Files are contained in readily accessible folders
- Files are scattered throughout several folders, drawers, cabinets, and would require a page-by-page search for proper retrieval
- Files are located in various offices
- Files are organized chronologically rather than by subject matter

e. Other unique conditions that may affect the processing of this request:

f. Machine files to be searched

- ANCHORY
- Other. Briefly describe the system and provide your basis for the computation of the rate. (If you are unable to substantiate the cost, do not include any dollar figure).

$$\text{Period of time} \times \text{Rate} = \text{Total}$$

$$\text{_____} \times \text{_____} = \text{_____}$$

g. Estimate the number of hours that you believe are required to conduct a reasonable search. For commercial requests only also estimate the number of hours that will be required for you to review any responsive documents.

						FOR COMMERCIAL REQUESTERS ONLY	
						V	
No. Of People Grade	Hours of Search	+	Hours of Review	x	Hourly Rate	=	TOTAL
<input type="checkbox"/> E9/GSS&below	<input type="checkbox"/>	+	<input type="checkbox"/>	x	\$12.00	=	
<input checked="" type="checkbox"/> 01 -06/GS9-15	<u>30</u>	+	<input type="checkbox"/>	x	\$25.00	=	<u>\$750</u>
<input type="checkbox"/> 07/SCE/SLE/SLP	<input type="checkbox"/>	+	<input type="checkbox"/>	x	\$45.00	=	

h. If a contract, was it competitive? _____

TOTAL COST OF ESTIMATE IS: \$750.00

SECURITY CLASSIFICATION (if any)

FOIA/PA ACTION RECORD

NSP5 LOG DATE (Date of NSP5 correspondence - DDMMYYYY)		NSP5 CASE NO. (Case number prefixed by a J, other numbers prefixed by NSP5)	
ACTION TITLE (Description or title of customer request)		J- 9022-99	
SUSPENSE DATE (Date required to meet NSP5 suspense (usually 10 days) - DDMMYYYY)		GROUP LOG NO. (GROUP originated reference no.)	
CUSTOMER CORRESPONDENCE DATE (Date on customer's original correspondence - DDMMYYYY)		DIR -	
DATE ASSIGNED (Date case officer assigned action - DDMMYYYY)		CASE OFFICER (Individual assigned to process the customer request and ensure completeness of response)	
DATE ASSIGNED (Date case officer assigned action - DDMMYYYY)		DATE COMPLETED (Date case officer completed action - DDMMYYYY)	
SUBJECT (Prepare one of the following which depends upon the request received from NSP5)			
<input checked="" type="checkbox"/> COST ESTIMATE (An estimate, based in hours, on how long it would take to do the search, if requested to do so)		<input type="checkbox"/> FOIA/PA SEARCH (Perform search of all files and databases. Use DD 2086 to keep track of time and level of effort expended in completing search or providing cost estimate)	

SEARCH STRATEGY

DATABASES/FILES SEARCHED

ANCHORY

AIRS

KEY WORDS USED

NON SECRET ENCRYPTION; NSE; PUBLIC KEY; PUBLIC-KEY; PKC; DIFFIE; HELLMAN; MERKLE;

(b) (3) - P.L. 86-36

<input type="checkbox"/> NO RECORDS FOUND	
I reasonably believe that my organization does not have information responsive to the attached request.	
A search was performed but there are no responsive records in our files.	
<input checked="" type="checkbox"/> RECORDS FOUND (A search was performed and records were found. Complete a Form DD 2086.)	
DOC (s) 46217; 46378; 47061; 16614; 46328; 46372; 32784	PAGE (s) 1500
SIGNATURE	OFFICE 5541
	PHONE (Securo) 972-2451 (Non-Securo) 688-7015
FORM 06724 REIN FEB 99 NSN: 7540-FM-001-5422	SECURITY CLASSIFICATION (if any)

1. (U//~~FOUO~~) Please estimate the manpower and/or machine cost(s) that your office would incur by searching for the information requested in the attached correspondence. Do not perform the search at this time. After reviewing your estimate and corresponding with the requester, N5P5 will notify you if the search must be conducted. If you reasonably believe that your organization does not have any responsive records, or if the search cost is under \$25.00, then an estimate is not required and a search may be performed.

2. (U//~~FOUO~~) Please complete the information on the following pages and return the completed forms to N5P5 by **26 October 1999**. If the estimate/search cannot be completed within the allotted time frame, please notify this office in writing of the reasons for the delay and the expected date of completion.

[Redacted]
FOIA Officer
N5P5, 963-5827s, [Redacted]@n.nsa

(b) (3) - P.L. 86-36

Encls:
a/s

When responding, please complete ALL applicable blanks below

NO RECORDS WERE FOUND:

I reasonably believe that my organization does not have information responsive to the attached request.

No responsive records found in our files, and our search cost was under \$25.00.

RECORDS WERE FOUND:

Responsive records are attached, the search cost was under \$25.00.
(If a contract, was it competitive? Yes or No)

MUST SEARCH TO DETERMINE IF RESPONSIVE RECORDS EXIST:

A search is required to determine if any responsive records exist. My search costs are estimated on page 2-3. (If your search cost estimate exceeds \$25.00, DO NOT SEARCH for the information at this time).

[Redacted] S541/972-2272/15 OCT 1999 #

Signature/Office/Secure Phone/Date

ESTIMATED SEARCH AND / OR REVIEW COSTS

Serial: J9022-00

When responding, please complete ALL applicable blanks below.

NO RECORDS WERE FOUND:

I reasonably believe that my organization does not have information responsive to the attached request.

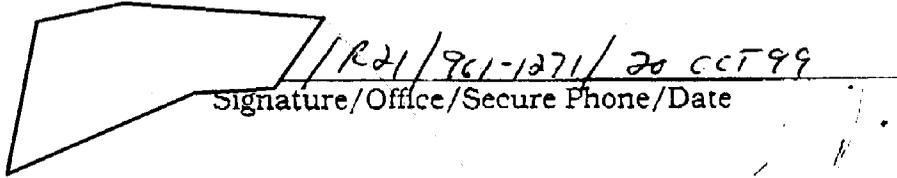
No responsive records found in our files, and our search cost was under \$25.00.

RECORDS WERE FOUND:

Responsive records are attached, the search cost was under \$25.00. (If a contract, was it competitive? Yes or No) _____

MUST SEARCH TO DETERMINE IF RESPONSIVE RECORDS EXIST:

A search is required to determine if any responsive records exist. My search costs are estimated on page 2-3. (If your search cost estimate exceeds \$25.00, DO NOT SEARCH for the information at this time).

 /R21/961-1271/20 OCT 99
Signature/Office/Secure Phone/Date

Encls:
a/s

(b) (3) - P.L. 86-36

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

Serial: J9022-00

ESTIMATED SEARCH AND/OR REVIEW COSTS

a. List the various organizational elements which contributed to your evaluation: R21

b. Briefly describe the types of records that may be responsive (e.g., correspondence, intelligence reports, etc.):

TECHNICAL REPORTS

c. Indicate the number of files which would have to be searched for each category of file listed below (e.g., 2 file drawers and 1 safe):

<u> </u> file drawers	<u> </u> file cabinets
<u> </u> large flipper	<u> 5 </u> safes
<u> </u> desk drawers	<u> </u> shinn boxes
<u> </u> small flipper	

d. Tell us the accessibility of the responsive files:

Files are centrally located

Files must be recalled from storage

Files are contained in readily accessible folders

Files are scattered throughout several folders, drawers, cabinets, and would require a page-by-page search for proper retrieval

Files are located in various offices

Files are organized chronologically rather than by subject matter

e. Other unique conditions that may affect the processing of this request:

f. Machine files to be searched

___ ANCHORY

___ Other (e.g., databases, e-mails and the NSA Web). Briefly describe the system and provide your basis for the computation of the rate. (If you are unable to substantiate the cost, do not include any dollar figure).

Period of time X Rate = Total

___ X ___ = ___

g. Estimate the number of hours that you believe are required to conduct a reasonable search. For commercial requests only also estimate the number of hours that will be required for you to review any responsive documents.

FOR COMMERCIAL REQUESTERS ONLY

No. of People	Grade	Hours of Search	Hours of Review	Hourly Rate	TOTAL
___	E9/GS8&below	___	+ (___)	x \$12.00	= ___
___	01-06/GS9-15	<u>.5</u>	+ (<u>1.5</u>)	x \$25.00	= <u>50.00</u>
___	07/SCE/SLE/ SLP	___	+ (___)	x \$45.00	= ___

h. If a contract, was it competitive? _____

TOTAL COST OF ESTIMATE IS: $\frac{\$50.00}{12.50}$ *Review + Search*
Search only

UNCLASSIFIED//~~FOR OFFICIAL USE ONLY~~

UNITED STATES GOVERNMENT

memorandum

DATE: 12 October 1999

Serial: J-9022-00

CE-002-00

REPLY TO
ATTN OF: P06V

SUBJECT: Estimate of Costs for Freedom of Information Act Request

TO: [Redacted]
N5P5 POC: [Redacted] 5827s

(b) (3)-P.L. 86-36

1. (U//~~FOUO~~) Please estimate the manpower and/or machine cost(s) your office would incur by searching for the information requested in the attached correspondence. After reviewing your estimate and corresponding further with the requestor, N5P5 will notify if the search must be conducted. If you reasonably believe that your organization does not have any responsive records, or if the search cost is under \$25.00, then an estimate is not required and a search may be performed.

2. (U//~~FOUO~~) Please complete the following information and return the completed form to P06V by 22 October 1999. If the estimate cannot be completed within the allotted time frame, please notify this office by e-mail of the reasons for the delay and the expected date of completion.

[Redacted]

FOIA Officer
P06V, 3593
sid [Redacted]@nsa

When responding, please complete ALL applicable blanks below:

NO RECORDS FOUND:

- () I "reasonably believe" that my organization does not have information responsive to the request.
- () No responsive records in our files. Cost under \$25.00.

RECORDS FOUND:

- () Responsive records attached, cost under \$25.00.
- (X) A search is required to determine if records exist. Estimated Search/Review Costs form is attached.

[Redacted Signature]

Signature / Office // Phone / Date

963-3957 / 21 Oct. 1999

OPTIONAL FORM NO. 10
(REV. 1-80)
GSA FPMR (41 CFR) 101-11.6
5010-114 (COMPUTER FACSIMILE)

UNCLASSIFIED//~~FOR OFFICIAL USE ONLY~~

309-810

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

Serial:

f. (U) Machine files to be searched

 ANCHORY

Other (e.g., databases, e-mails and the NSA Web). Briefly describe the system and provide your basis for the computation of the rate. (If you are unable to substantiate the cost, do not include any dollar figure).

Period of time X Rate = Total

 2 X 25.00 = 50.00

g. (U) Estimate the number of hours that you believe are required to conduct a reasonable search. For commercial requests only also estimate the number of hours that will be required for you to review any responsive documents.

FOR COMMERCIAL REQUESTERS ONLY

No. of People	Grade	Hours of Search	Hours of Review	Hourly Rate	TOTAL
<u> </u>	E9/GS8&below	<u> </u>	<u> </u>	x \$12.00	= <u> </u>
<u> 4 </u>	01-06/GS9-15	<u>10 hours</u>	<u> </u>	x \$25.00	= <u>250.00</u>
<u> 2 </u>	07/SCE/SLE/ SLP	<u>6 hrs.</u>	<u> </u>	x \$45.00	= <u>270.00</u>

h. (U) If a contract, was it competitive? N/A

TOTAL COST OF ESTIMATE IS: \$ 570.00

~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

RECORD OF FREEDOM OF INFORMATION (FOI) PROCESSING COST

Please read instructions on reverse before completing form.

1. REQUEST NUMBER	2. TYPE OF REQUEST (X one)		3. DATE COMPLETED (YYMMDD)	
	a. INITIAL	b. APPEAL		
4. CLERICAL HOURS (E-9/GS-8 and below)				
a. SEARCH			X \$ 12.00	=
b. REVIEW/EXCISING				
c. CORRESPONDENCE AND FORMS PREPARATION				
d. OTHER ACTIVITY				
5. PROFESSIONAL HOURS (0-1-0-6/GS-9 - GS/GM-15)				
a. SEARCH			X \$ 25.00	=
b. REVIEW/EXCISING	10			
c. COORDINATION/APPROVAL/DENIAL				
d. OTHER ACTIVITY				
6. EXECUTIVE HOURS (0-7/GS/GM-16/ES 1 and above)				
a. SEARCH			X \$ 45.00	=
b. REVIEW/EXCISING				
c. COORDINATION/APPROVAL/DENIAL	6			
7. COMPUTER SEARCH				
a. MACHINE HOURS			X	=
b. PROGRAMMER/OPERATOR TIME				
(1) Clerical				
(2) Professional				
8. OFFICE COPY REPRODUCTION				
a. PAGES REPRODUCED			X	.15
9. MICROFICHE REPRODUCTION				
a. MICROFICHE REPRODUCED			X	.25
10. PRINTED RECORDS				
a. FORMS			X	.02
b. PUBLICATIONS				
c. REPORTS				
11. COMPUTER COPY				
a. TAPE			X	ACTUAL COST
b. PRINTOUT				
12. AUDIOVISUAL MATERIALS				
a. MATERIALS REPRODUCED			X	ACTUAL COST

For FOI Office Use Only

- a. SEARCH FEES PAID
- b. REVIEW FEES PAID
- c. COPY FEES PAID
- d. TOTAL PAID
- e. DATE PAID (YYMMDD)

- f. TOTAL COLLECTABLE COSTS
- g. TOTAL PROCESSING COSTS
- h. TOTAL CHARGED
- i. FEES WAIVED/REDUCED (X one)

	Yes	No	

* Chargeable to all requesters after application of all waiver criteria.
 ** Chargeable only to commercial requesters.

(b) (3) - P.L.
86-36

[Redacted] S541

From: [Redacted] S511
Sent: Thursday, October 21, 1999 3:49 PM
To: [Redacted] S541
Cc: [Redacted] S511
Subject: FW: FOIA J9022-99 / Due 22 October 1999 S511

Classification: UNCLASSIFIED
Security Control Marking: ~~FOR OFFICIAL USE ONLY~~

John,

I searched the Stilas and Bluelake databases using the following search strategy: "non-secret encryption"; "NSE"; "PKC and invention"; "PKC and discovery"; "PKC and development"; "public key cryptography and invention"; "public key cryptography and discovery"; and, "public key cryptography and development".

The Bluelake database identified three documents that may be responsive. These documents are in the mail to you now.

The search required .5 hours, at a cost of \$12.50.

Thank you,

[Redacted]
~~Signature~~

-----Original Message-----

From: [Redacted] S541
Sent: Wednesday, October 13, 1999 1:21 PM
To: [Redacted] S511, [Redacted] S541, [Redacted] S511, [Redacted] S541
Cc: [Redacted] S541
Subject: FW: FOIA J9022-99 / Due 22 October 1999

CLASSIFICATION: UNCLASSIFIED
SECURITY CONTROL MARKING: ~~FOR OFFICIAL USE ONLY~~

All,

A cost estimate on this one. Please have your responses back to me by Fri. Oct. 22, so I can get them back to S09 by the deadline. As always, e-mail or hard copy for the results is fine.

Thanks.

[Redacted]
S541 ASC
972-2451

-----Original Message-----

From: [Redacted]
Sent: Tuesday, October 12, 1999 4:34 PM
To: [Redacted] S541
Cc: [Redacted]
Subject: FOIA J9022-99 / Due 26 October 1999

CLASSIFICATION: UNCLASSIFIED
SECURITY CONTROL MARKING: ~~FOR OFFICIAL USE ONLY~~

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

A. THE FOLLOWING IS THE ACTION MEMO RECEIVED FROM N5P5:

DATE: 12 October 1999

Serial: J9022-00

SUBJECT: ESTIMATE OF SEARCH COSTS FOR FREEDOM OF INFORMATION ACT
(FOIA) REQUEST

TO: DDS, DDO, DDI, DDT, DDT (N5P2)

1. (U//~~FOUO~~) Please estimate the manpower and/or machine cost(s) that your office would incur by searching for the information requested in the attached correspondence. Do not perform the search at this time. After reviewing your estimate and corresponding with the requester, N5P5 will notify you if the search must be conducted. If you reasonably believe that your organization does not have any responsive records, or if the search cost is under \$25.00, then an estimate is not required and a search may be performed.

2. (U//~~FOUO~~) Please complete the information on the following pages and return the completed forms to N5P5 by **26 October 1999**. If the estimate/search cannot be completed within the allotted time frame, please notify this office in writing of the reasons for the delay and the expected date of completion.

[Redacted]
FOIA Officer
N5P5, 963-5827s, [Redacted]@n.nsa

(b) (3) - P.L. 86-36

Encls:
a/s

When responding, please complete ALL applicable blanks below

NO RECORDS WERE FOUND:

____ I reasonably believe that my organization does not have information responsive to the attached request.

____ No responsive records found in our files, and our search cost was under \$25.00.

RECORDS WERE FOUND:

Responsive records are in the mail to you, the search cost was under \$25.00.
(If a contract, was it competitive? Yes or No) _____

MUST SEARCH TO DETERMINE IF RESPONSIVE RECORDS EXIST:

____ A search is required to determine if any responsive records exist. My search costs are estimated on page 2-3. (If your search cost estimate exceeds \$25.00, DO NOT SEARCH for the information at this time).



9511/968-8611a/21 Oct 99

(b) (3) - P.L. 86-36

Signature/Office/Secure Phone/Date

ESTIMATED SEARCH AND / OR REVIEW COSTS

- a. List the various organizational elements which contributed to your evaluation:
- b. Briefly describe the types of records that may be responsive (e.g., correspondence, intelligence reports, etc.):

c. Indicate the number of files which would have to be searched for each category of file listed below (e.g., 2 file drawers and 1 safe):

- _____ file drawers
- _____ file cabinets
- _____ large flipper
- _____ desk drawers
- _____ small flipper
- _____ safe
- _____ shinn boxes

d. Tell us the accessibility of the responsive files:

- _____ Files are centrally located
- _____ Files must be recalled from storage
- _____ Files are contained in readily accessible folders
- _____ Files are scattered throughout several folders, drawers, cabinets, and would require a page-by-page search for proper retrieval
- _____ Files are located in various offices
- _____ Files are organized chronologically rather than by subject matter

e. Other unique conditions that may affect the processing of this request:

f. Machine files to be searched

_____ ANCHORY

_____ Other. Briefly describe the system and provide your basis for the computation of the rate. (If you are unable to substantiate the cost, do not include any dollar figure).

Period of time X Rate = Total

_____ X _____ = _____

g. Estimate the number of hours that you believe are required to conduct a reasonable

[Redacted] S541

From: [Redacted]
Sent: Friday, October 22, 1999 9:46 AM
To: [Redacted] S541
Cc: [Redacted]
Subject: RE: FOIA J9022-99 / Due 22 October 1999

MDS

CLASSIFICATION: UNCLASSIFIED
SECURITY CONTROL MARKING: ~~FOR OFFICIAL USE ONLY~~

John: Please disregard the previous email for FOIA 9631-99. I mistakenly sent it with this FOIA's info. Dave hasn't provided any info yet on 9631-99. Sorry.

John: ~~The SC42 historian indicates that this office published an article about this FOIA subject in the Spring 1996 issue of the Cryptologic Quarterly. That article, written by [Redacted] is highly classified. I'm sending you a copy of it this morning.~~ Barbara

-----Original Message-----

From: [Redacted] S541
Sent: Wednesday, October 13, 1999 1:21 PM
To: [Redacted] S511; [Redacted] S541; [Redacted] S511; [Redacted] S541
Cc: [Redacted] S541
Subject: FW: FOIA J9022-99 / Due 22 October 1999

CLASSIFICATION: UNCLASSIFIED
SECURITY CONTROL MARKING: ~~FOR OFFICIAL USE ONLY~~

All,

A cost estimate on this one. Please have your responses back to me by Fri. Oct. 22, so I can get them back to S09 by the deadline. As always, e-mail or hard copy for the results is fine.

Thanks,
[Redacted]
S541 ASC
972-2451

Robin
FOIA cost estimate
J9022-00 completed
in 55% Note that the
attached FACTORY and
Library records were
not reviewed by Declass
due to their recency.
Records included because
cost was under \$25.
Thanks,
John John

-----Original Message-----

From: [Redacted]
Sent: Tuesday, October 12, 1999 4:34 PM
To: [Redacted] S541
Cc: [Redacted]
Subject: FOIA J9022-99 / Due 26 October 1999

CLASSIFICATION: UNCLASSIFIED
SECURITY CONTROL MARKING: ~~FOR OFFICIAL USE ONLY~~

A. THE FOLLOWING IS THE ACTION MEMO RECEIVED

DATE: 12 October 1999

Serial: J9022-00

SUBJECT: ESTIMATE OF SEARCH COSTS FOR FREEDOM OF INFORMATION ACT
(FOIA) REQUEST

Approved for Release by NSA on
05-28-2008, FOIA Case #47886

*Received
26 Oct 99*

TO: DDS, DDO, DDI, DDT, DDT (N5P2)

1. (U//FOUO) Please estimate the manpower and/or machine cost(s) that your office would incur by searching for the information requested in the attached correspondence. Do not perform the search at this time. After reviewing your estimate and corresponding with the requester, N5P5 will notify you if the search must be conducted. If you reasonably believe that your organization does not have any responsive records, or if the search cost is under \$25.00, then an estimate is not required and a search may be performed.

2. (U//FOUO) Please complete the information on the following pages and return the completed forms to N5P5 by 26 October 1999. If the estimate/search cannot be completed within the allotted time frame, please notify this office in writing of the reasons for the delay and the expected date of completion.

[Redacted]
FOIA Officer
N5P5, 963-5827s, [Redacted]@n.nsa

(b) (3) - P.L.
86-36

Encls:
a/s

When responding, please complete ALL applicable blanks below

NO RECORDS WERE FOUND:

_____ I reasonably believe that my organization does not have information responsive to the attached request.

_____ No responsive records found in our files, and our search cost was under \$25.00.

RECORDS WERE FOUND:

Responsive records are attached, the search cost was under \$25.00.
(If a contract, was it competitive? Yes or No) _____

MUST SEARCH TO DETERMINE IF RESPONSIVE RECORDS EXIST:

_____ A search is required to determine if any responsive records exist. My search costs are estimated on page 2-3. (If your search cost estimate exceeds \$25.00, DO NOT SEARCH for the information at this time).

[Redacted] SC42/972-2895/22 Oct 99

Signature/Office/Secure Phone/Date

NDI Response

Serial: J9022-00

When responding, please complete ALL applicable blanks below.

NO RECORDS WERE FOUND:

I reasonably believe that my organization does not have information responsive to the attached request.

No responsive records found in our files, and our search cost was under \$25.00.

RECORDS WERE FOUND:

Responsive records are attached, the search cost was under \$25.00. (If a contract, was it competitive? Yes or No) _____

MUST SEARCH TO DETERMINE IF RESPONSIVE RECORDS EXIST:

A search is required to determine if any responsive records exist. My search costs are estimated on page 2-3. (If your search cost estimate exceeds \$25.00, DO NOT SEARCH for the information at this time).

Signature/Office/Secure Phone/Date

Encls:
a/s

Total Search:
25 Proj x 25.00 ?
4 Execut x 45.00
1 Proj x 25.00
8 Proj x 25.00
4 Exec x 45.00

*870699 -
Email sent to Celeste asking her
to explain how she came a figure
of \$4750.00 for search fees.*

*This page is the
totals from the
other two pages
Attached.
Celeste*

31 Oct 99

Serial: J9022-00

When responding, please complete ALL applicable blanks below.

NO RECORDS WERE FOUND:

I reasonably believe that my organization does not have information responsive to the attached request.

No responsive records found in our files, and our search cost was under \$25.00.

RECORDS WERE FOUND:

Responsive records are attached, the search cost was under \$25.00. (If a contract, was it competitive? Yes or No) _____

MUST SEARCH TO DETERMINE IF RESPONSIVE RECORDS EXIST:

A search is required to determine if any responsive records exist. My search costs are estimated on page 2-3. (If your search cost estimate exceeds \$25.00, DO NOT SEARCH for the information at this time).



IL, 972-2417, 31 Oct 99
Office/Secure Phone/Date

Encls:
a/s

Serial: J9022-00

ESTIMATED SEARCH AND/OR REVIEW COSTS

a. List the various organizational elements which ^{would} contribute to evaluation: II/ES

b. Briefly describe the types of records that may be responsive (e.g., correspondence, intelligence reports, etc.):
correspondence and messages

c. Indicate the number of files which would have to be searched for each category of file listed below (e.g., 2 file drawers and 1 safe):

<u> </u> file drawers	<u> </u> file cabinets
<u> </u> large flipper	<u> 9 </u> safes
<u> 63 </u> desk drawers	<u> </u> shinn boxes
<u> </u> small flipper	

d. Tell us the accessibility of the files: To be searched

- Files are centrally located
- X Files must be recalled from storage
- Files are contained in readily accessible folders
- X Files are scattered throughout several folders, drawers, cabinets, and would require a page-by-page search for proper retrieval
- X Files are located in various offices
- X Files are organized chronologically rather than by subject matter

e. Other unique conditions that may affect the processing of this request:

Serial: J9022-00

f. Machine files to be searched

____ ANCHORY

____ Other (e.g., databases, e-mails and the NSA Web). Briefly describe the system and provide your basis for the computation of the rate. (If you are unable to substantiate the cost, do not include any dollar figure).

Period of time X Rate = Total

_____ X _____ = _____

g. **Estimate** the number of hours that you believe are required to conduct a reasonable search. For commercial requests only also estimate the number of hours that will be required for you to review any responsive documents.

FOR COMMERCIAL REQUESTERS ONLY

No. of People	Grade	Hours of Search		Hours of Review		Hourly Rate	=	TOTAL
_____	E9/GS8&below	_____	+	()	x	\$12.00	=	_____
<u>9</u>	01-06/GS9-15	<u>20</u>	+	()	x	\$25.00	=	<u>4,500.00</u>
_____	07/SCE/SLE/ SLP	_____	+	()	x	\$45.00	=	_____

h. If a contract, was it competitive? _____

TOTAL COST OF ESTIMATE IS: 4,500.00

Serial: J9022-00

When responding, please complete ALL applicable blanks below.

NO RECORDS WERE FOUND:

I reasonably believe that my organization does not have information responsive to the attached request.

No responsive records found in our files, and our search cost was under \$25.00.

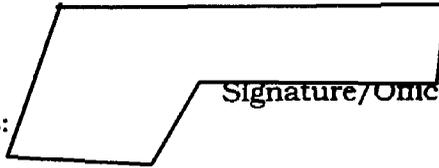
RECORDS WERE FOUND:

Responsive records are attached, the search cost was under \$25.00. (If a contract, was it competitive? Yes or No)

MUST SEARCH TO DETERMINE IF RESPONSIVE RECORDS EXIST:

A search is required to determine if any responsive records exist. My search costs are estimated on page 2-3. (If your search cost estimate exceeds \$25.00, DO NOT SEARCH for the information at this time).

Encls:
a/s

 / C1 / 9687671 / 10/21/99
Signature/Office/Secure Phone/Date

UNITED STATES GOVERNMENT
memorandum
Serial: J9022-00

DATE: 28 October 1999
REPLY TO ATTN OF: N5P5
SUBJECT: ESTIMATE OF SEARCH COSTS FOR FOIA REQUEST - FOLLOW UP
TO: DDP(N5P2)

1. A search estimate memo was sent to you on 12 October 99 for information regarding "non-secret encryption" and "public key cryptology." This FOIA search was due back to this office on **26 October 1999**. As of 28 October 1999 I have not heard anything from your office regarding this search estimate.

2. If the search estimate cannot be completed within the allotted time frame, please notify the Chief, N5P5, Barbara Paisley (bpaisle@n.nsa) by email or phone of the reasons for the delay and the expected date of completion.

[Redacted]
FOIA CASE OFFICER
N5P5, 963-5827
[Redacted]@n.nsa

(b) (3) - P.L.
86-36

DDP N5P2

*Search Est.
\$152.00*

*Received
10/28/99
[Signature]*

[Redacted]

N5P5

From: Paisley, Barbara N5P5
 Sent: Thursday, October 28, 1999 11:14 AM
 To: Anne Hill; Barbara Paisley; [Redacted] Dawn Owens; [Redacted]
 Subject: FW: Heads-up

J9022-00
note about requester

CLASSIFICATION: UNCLASSIFIED
SECURITY CONTROL MARKING: ~~FOR OFFICIAL USE ONLY~~

FYI. John Young has requested several things - one was for tempest stuff (Sandy's) and I see Carla has one also. Once we release records, we assume they will show up on the Internet. So, this is no surprise.

Haven't heard Dave Noak's name before - guess we'll add that to Janon/Tami/Hans/Michael/etc.

Barb

-----Original Message-----

From: Mercer, Martha Hix N63
 Sent: Thursday, October 28, 1999 11:04 AM
 To: Paisley, Barbara N5P5
 Cc: Emmel, Judith A; Mercer, Martha Hix N63
 Subject: Heads-up

CLASSIFICATION: UNCLASSIFIED
SECURITY CONTROL MARKING: ~~FOR OFFICIAL USE ONLY~~

Barb -- FYI, Dave Noak of APBnews.com called seeking NSA's comment on the fact that John Young had posted NSA tempest-related documents released through the FOIA process on his Internet web site. Our comment was that Mr. Young was free to do with the documents whatever he wished. Mr. Young's web site is at <http://iwa.com/crypto.htm>.

Marti Hix Mercer
Office of Public and Media Affairs
N63, 963-5825, Ops 2B7038

Classification: UNCLASSIFIED
Security Control Marking: ~~FOR OFFICIAL USE ONLY~~

Classification: UNCLASSIFIED
Security Control Marking: ~~FOR OFFICIAL USE ONLY~~

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

Serial: J9022-00

When responding, please complete ALL applicable blanks below.

NO RECORDS WERE FOUND:

I reasonably believe that my organization does not have information responsive to the attached request.

No responsive records found in our files, and our search cost was under \$25.00.

RECORDS WERE FOUND:

Responsive records are attached, the search cost was under \$25.00. (If a contract, was it competitive? Yes or No) _____

MUST SEARCH TO DETERMINE IF RESPONSIVE RECORDS EXIST:

A search is required to determine if any responsive records exist. My search costs are estimated on page 2-3. (If your search cost estimate exceeds \$25.00, DO NOT SEARCH for the information at this time).

Encls:
a/s

Signature/Office/Secure Phone/Date
NSP2 963-7358
11/04/99

(b) (3) - P.L. 86-36

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

Serial: J9022-00

ESTIMATED SEARCH AND/OR REVIEW COSTS

a. List the various organizational elements which contributed to your evaluation: NSP2

b. Briefly describe the types of records that may be responsive (e.g., correspondence, intelligence reports, etc.):

correspondence, meeting minutes, opinsomes

c. Indicate the number of files which would have to be searched for each category of file listed below (e.g., 2 file drawers and 1 safe):

<u> </u> file drawers	<u> </u> file cabinets
<u> 2 </u> large flipper	<u> 5 </u> safes
<u> 9 </u> desk drawers	<u> </u> shinn boxes
<u> </u> small flipper	

d. Tell us the accessibility of the responsive files:

 X Files are centrally located

 Files must be recalled from storage

 Files are contained in readily accessible folders

 X Files are scattered throughout several folders, drawers, cabinets, and would require a page-by-page search for proper retrieval

 Files are located in various offices

 X Files are organized chronologically rather than by subject matter

e. Other unique conditions that may affect the processing of this request:

 (1) lack of manpower - unfulfilled jobs list

 (2) mission-critical TDYs

Serial: J9022-00

f. Machine files to be searched

 ANCHORY

Other (e.g., databases, e-mails and the NSA Web). Briefly describe the system and provide your basis for the computation of the rate. (If you are unable to substantiate the cost, do not include any dollar figure).

Period of time X Rate = Total

 X =

g. Estimate the number of hours that you believe are required to conduct a reasonable search. For commercial requests only also estimate the number of hours that will be required for you to review any responsive documents.

FOR COMMERCIAL REQUESTERS ONLY

No. of People	Grade	Hours of Search	Hours of Review	Hourly Rate	TOTAL
<u> </u>	E9/GS8&below	<u> </u>	+ (<u> </u>)	x \$12.00	= <u> </u>
<u>3</u>	01-06/GS9-15	<u>2</u>	+ (<u>24</u>)	x \$25.00	= <u>50.00</u>
<u> </u>	07/SCE/SLE/ SLP	<u> </u>	+ (<u> </u>)	x \$45.00	= <u> </u>

*(Agency costs only)
600.00 review
Search cost.*

h. If a contract, was it competitive?

TOTAL COST OF ESTIMATE IS: \$50.00 Search

~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

Serial: J9022-00

cc: N5P5

Suspense: 10 Dec 99

M/R: (U) **SEARCH ESTIMATE; INITIAL LETTER**

(U//~~FOUO~~) A search was returned from the following organizations: DDT, DDO, DDI, DDP (N5P2), and DDS for documents on "The invention, discovery and development of "non-secret encryption" (NSE) and public key cryptography (PKC) by the United Kingdom, United States, or any other nations's intelligence and cryptology agencies, prior to, parallel with, or subsequent to, the PKC work of Diffie-Hellman-Merkle." The fee estimate totals are as follows:

Organization	Search Fees	Sub Total for Org	Totals
DDT	5 hrs @ 25.00	\$12.50	\$12.50
DDO	10 hrs @ 25.00 6 hrs @ 45.00	\$250.00 \$270.00	\$570.00
DDI	28 hrs @ 25.00 4 hrs @ 45.00	\$700.00 \$180.00	\$880.00
DDP (N5P2)	2 hrs @ 25.00	\$50.00	\$50.00
DDS S541 Anchory & Library SC4 - STINFO	30 hrs @ 25.00 .75 hrs @ 25.00 40 hrs @ 25.00	\$750.00 \$18.75 \$1000.00	\$ 1768.75
			\$3281.25 -\$ 50.00 \$3231.25

(U//~~FOUO~~) The requester was asked to remit \$3250.00 (rounded up from \$3231.25) in search fees within 30 days from the date of the search estimate letter or we will assume that he is not interested in pursuing this request and the case will be closed.

(b) (3) - P.L. 86-36

(U//~~FOUO~~) N5P5, 963-5827, 9 November 1999

~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

Approved for Release by NSA on 05-28-2008, FOIA Case # 47886

~~UNCLASSIFIED // FOR OFFICIAL USE ONLY~~

Serial: J9022-00

cc: N5P5

Suspense: 10 Dec 99

M/R: (U) **SEARCH ESTIMATE**; INITIAL LETTER



(U//~~FOUO~~) A search was returned from the following organizations: DDT, DDO, DDI, DDP (N5P2), and DDS for documents on "The invention, discovery and development of "non-secret encryption" (NSE) and public key cryptography (PKC) by the United Kingdom, United States, or any other nations's intelligence and cryptology agencies, prior to, parallel with, or subsequent to, the PKC work of Diffie-Hellman-Merkle." The fee estimate totals are as follows:

Organization	Search Fees	Sub Total for Org	Totals
DDT	.5 hrs @ 25.00	\$12.50	\$12.50
DDO	10 hrs @ 25.00 6 hrs @ 45.00	\$250.00 \$270.00	\$570.00
DDI	28 hrs @ 25.00 4 hrs @ 45.00	\$700.00 \$180.00	\$880.00
DDP (N5P2)	2 hrs @ 25.00	\$50.00	\$50.00
DDS S541 Anchory & Library SC4 - STINFO	30 hrs @ 25.00 .75 hrs @ 25.00 40 hrs @ 25.00	\$750.00 \$18.75 \$1000.00	\$ 1768.75
			\$3281.25 - \$ 50.00 \$3231.25

Still good!



(U//~~FOUO~~) The requester was asked to remit \$3250.00 (rounded up from \$3231.25) in search fees within 30 days from the date of the search estimate letter or we will assume that he is not interested in pursuing this request and the case will be closed.

(b) (3) - P.L. 86-36



(U//~~FOUO~~) N5P5, 963-5827, 9 November 1999

Approved for Release by NSA on 05-28-2008, FOIA Case # 47886

~~UNCLASSIFIED // FOR OFFICIAL USE ONLY~~



NATIONAL SECURITY AGENCY
CENTRAL SECURITY SERVICE
FORT GEORGE G MEADE MARYLAND 20755-6000

Serial: J9022-00

10 NOV 1999

Mr. John Young
JYA/Urban Deadline
251 West 89th St. Suite 6E
New York, NY 10024

Dear Mr. Young:

This responds to your Freedom of Information Act (FOIA) request of 6 October 1999, which was received by this office on 8 October 1999, for documents on "The invention, discovery and development of 'non-secret encryption' (NSE) and public key cryptography (PKC) by United Kingdom, United States, or any other nation's intelligence and cryptology agencies, prior to, parallel with, or subsequent to, the PKC work of Diffie-Hellman-Merkle." In processing your request, we will conduct an Agency-wide search of our files. For the purpose of fee assessment, you have been placed in the "all other" category for this request.

We estimate that the costs involved in this search will be approximately \$3300.00. In accordance with DoD Regulation 5400.7-R, the search fee is computed at \$25.00 an hour. If you authorize us to proceed with this search, please be advised that 5 U.S.C. 552 (4)(A)(iv)(II) allows 2 hours of the search and the duplication of 100 pages at no cost to you. Therefore, your total cost for search will be approximately \$3250.00. Our policy is to request advance payment prior to initiating the search. Be advised that NSA regulations preclude the conducting of partial searches.

Please be advised that your agreeing to incur these fees will not necessarily result in the disclosure to you of any information. If records are found which are responsive to your request, a detailed review to determine the releasability of the information would follow. It has been our experience that any records responsive to your request, if such records exist, most likely would be classified or otherwise exempt from release in accordance with the exemption provisions of the FOIA. The application of these exemptions to NSA information has been consistently approved by the Federal Judiciary.

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

Serial: J9022-00

We are, therefore, suspending processing of your request pending receipt of your certified check or money order within 30 days of the date of this letter made payable to the Treasurer of the United States in the amount of \$3250.00. In addition, you should be aware that this estimate is only for the fees associated with a search for documents responsive to your request. It does not include the cost of duplicating any records, in excess of 100 pages, which may be released to you. Copying costs are \$.15 per page, as allowed by the DoD regulation.

Please address any correspondence regarding this request to NSA/CSS FOIA Services (N5P5), 9800 Savage Road STE 6248, Fort George G. Meade, MD 20755-6248 and refer to the serial number of this letter. If you have any questions, please contact this office between 0700 and 1530 EST on 301-688-6527. If we do not hear from you within 30 days we will assume you are not interested in pursuing the request.

Sincerely,

Patricia Behmley

pr BARBARA PAISLEY
Chief,
FOIA/PA Services

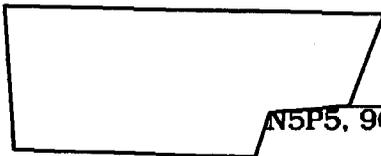
~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

Serial: J9022-00

cc: N5P5

M/R: **FEE CLOSURE:**

(U//~~FOUO~~) John Young did not respond to the fee estimate letter requiring the requester to remit \$3250.00 in search fees for documents concerning "Non-secret encryption and public key cryptography" by 10 Dec 1999. The case was closed on 13 Dec 99.



(b) (3) - P.L.
86-36

N5P5, 963-5827s, 13 Dec 99

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05-28-2008, FOIA Case # 47886

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531678
J9022-00
CJD

JYA/CRYPTOME 251 WEST 89TH ST, SUITE 6E NEW YORK NY 10024 212-873-8700

October 26, 2000

By fax to: 301-688-6198

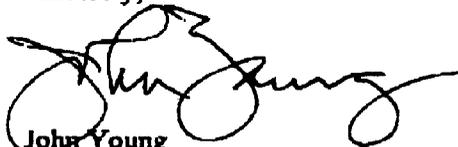
National Security Agency
ATTN: FOIA Office (NSP5)
9800 Savage Road STE 6248
Ft. George G. Meade, MD 20755-6248.

On October 6, 1999, I sent the enclosed letter requesting information on "non-secret encryption" and public key cryptography.

Your agency responded with an estimate of cost to proceed with the search. I have lost your letter and would like to obtain a copy so that I may make payment for the search to proceed.

Thank you very much.

Sincerely,



John Young
E-mail jya@pipeline.com
Fax: 212-787-6102

Enc Letter, 1 p.

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

JYA/URBAN DEADLINE 251 WEST 89TH ST, SUITE 6E NY NY 10024 212-873-8700

October 6, 1999

By fax to: 301-688-6198

National Security Agency
ATTN: FOIA Office (N5P5)
9800 Savage Road STE 6248
Ft. George G. Meade, MD 20755-6248.

Under the Freedom of Information Act I request any and all information and documents on:

- The invention, discovery and development of "non-secret encryption" (NSE) and public key cryptography (PKC) by United Kingdom, United States, or any other nation's intelligence and cryptology agencies, prior to, parallel with, or subsequent to, the PKC work of Diffie-Hellman-Merkle.

The terms "non-secret encryption" (NSE) and "public key cryptography" (PKC) are taken from the paper by James Ellis, GCHQ, "The Story of Non-Secret Encryption," available at:

<http://jya.com/ellisdoc.htm>

The purpose of this request is to publish information and documents on the Internet at Cryptome (<http://jya.com/crypto.htm>). I shall be pleased to pay FOIA-provided costs for fulfilling this request.

Thank you very much.

Sincerely,

John Young
E-mail jya@pipeline.com



NATIONAL SECURITY AGENCY
CENTRAL SECURITY SERVICE
FORT GEORGE G. MEADE, MARYLAND 20755-6000

Serial: J9022A-00

C 7 NOV 2000

Mr. John Young
JYA/Urban Deadline
251 West 89th St. Suite 6E
New York, NY 10024

Dear Mr. Young:

On 10 November 1999, we responded to your Freedom of Information Act (FOIA) request of 6 October 1999, for documents on "The invention, discovery and development of 'non-secret encryption' (NSE) and public key cryptography (PKC) by United Kingdom, United States, or any other nation's intelligence and cryptology agencies, prior to, parallel with, or subsequent to, the PKC work of Diffie-Hellman Merkle." Please find our initial response to you enclosed.

On 3 November 2000, we received your letter requesting a copy of our previous response. Your letter states that you "may make a payment for the search to proceed." In processing your request, we concluded that costs involved in your search would be approximately \$3250.00. We suspended processing of your request until payment was received or until 30 days expired from the date of our letter, whichever came first. Since you did not respond, your request was closed on 13 December 1999.

If you would like to resubmit your request, we will initiate a new search for the records you seek and provide you with an updated search fee estimate. Please address your correspondence to NSA/CSS FOIA Services (N5P51), 9800 Savage Road STE 6248, Fort George G. Meade, MD 20755-6248 or it may be sent by facsimile to 301-688-4762. If sent by fax, it should be marked for the attention of the FOIA office. The telephone number of the FOIA office is 301-688-6527.

Sincerely,

A handwritten signature in cursive script, appearing to read "Patricia Phillips".

fa
PAMELA N. PHILLIPS
Chief
FOIA/PA Services

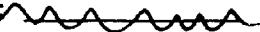
Encl:
a/s

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

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Serial: J9022A-00

cc: N5P51

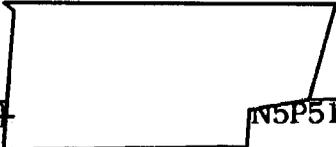
~~Suspense~~ 

M/R: (U) **REQUEST FOLLOW-UP**

(U//~~FOUO~~) On 10 November 1999, we responded to a Freedom of Information Act (FOIA) request of 6 October 1999, submitted by John Young of JYA/Urban Deadline, for documents on "The invention, discovery and development of 'non-secret encryption' (NSE) and public key cryptography (PKC) by United Kingdom, United States, or any other nation's intelligence and cryptology agencies, prior to, parallel with, or subsequent to, the PKC work of Diffie-Hellman-Merkle." We sent an initial letter asking the requester to remit \$3250.00 in search fees to continue with the search.

(U//~~FOUO~~) On 26 October 2000, Mr. Young responded with letter requesting a copy of our previous response. He apparently has lost it. His letter was received in this office on 3 November 00. This case was closed on 13 December 1999 for failure to pay fee. He has stated in his latest letter that he "may make a payment for the search to proceed." We are sending him a letter with our previous response of 10 Nov. enclosed. We have informed Mr. Young that, he may resubmit his request and we will do an updated search to provide him with a current search fee estimate for the information he seeks.

(U//~~FOUO~~)

 N5P51, 963-5827, 6 Nov 00

(b) (3) - P.L. 86-36

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05-28-2008, FOIA Case # 47886

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167/1000

CRYPTOME 151 WEST 89TH ST SUITE 6F NEW YORK NY 10024 212-875-8700

Attention: FOIA Office

November 16, 2000

By fax to: 301-688-4762

National Security Agency
NSA/CSS FOIA Services (NSP31)
9800 Savage Road STE 6248
Ft. George G. Meade, MD 20755-6248

Under the Freedom of Information Act I request any and all information and documents on:

The invention, discovery and development of "non-secret encryption" (NSE) and public key cryptography (PKC) by United Kingdom, United States, or any other nation's intelligence and cryptography agencies, prior to, parallel with, or subsequent to, the PKC work of Diffie-Hellman-Merkle.

The terms "non-secret encryption" (NSE) and "public key cryptography" (PKC) are taken from the paper by James Ellis, GCHQ, "The Story of Non-Secret Encryption," available at:

<http://jya.com/elliadoc.htm>

The purpose of this request is to publish this information and documents on the Internet at Cryptome (<http://cryptome.org>). I shall be pleased to pay FOIA-provided costs for fulfilling this request.

This request was previously made but expired; see NSA Serial: J9022A-00.

Thank you very much.

Sincerely,

James Young
E-mail: jya@pipeline.com
212-987-6102

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

UNCLASSIFIED // ~~FOR OFFICIAL USE ONLY~~

Serial: J9022-00

(U) When responding, please complete ALL applicable blanks below.

NO RECORDS WERE FOUND:

I reasonably believe that my organization does not have information responsive to the attached request.

No responsive records found in our files, and our search cost was under \$25.00.

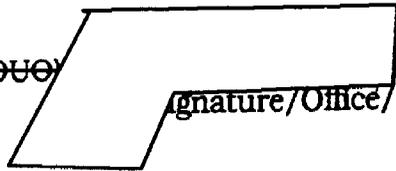
RECORDS WERE FOUND:

Responsive records are attached, the search cost was under \$25.00. (If a contract, was it competitive? Yes or No) _____

MUST SEARCH TO DETERMINE IF RESPONSIVE RECORDS EXIST:

A search is required to determine if any responsive records exist. My search costs are estimated on page 2-3. (If your search cost estimate exceeds \$25.00, DO NOT SEARCH for the information at this time).

(U) // ~~FOUO~~

 / CI / 9687671 / 1/14/01
Signature / Office / Secure Phone / Date

Encls:
a/s

(b) (3) - P.L. 86-36

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05-28-2008, FOIA Case # 47886

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Serial: J9022-00

ESTIMATED SEARCH AND/OR REVIEW COSTS

a. (U) List the various organizational elements which contributed to your evaluation: (b) (3) - P.L. 86-36

b. (U) Briefly describe the types of records that may be responsive (e.g., correspondence, intelligence reports, etc.):

reports, memos

c. (U) Indicate the number of files which would have to be searched for each category of file listed below (e.g., 2 file drawers and 1 safe):

<u>5</u> file drawers	<u>2</u> file cabinets
<u> </u> large flipper	<u>4</u> safes
<u> </u> desk drawers	<u> </u> shinn boxes
<u> </u> small flipper	

d. (U) Tell us the accessibility of the responsive files:

 Files are centrally located

 Files must be recalled from storage

 ✓ Files are contained in readily accessible folders

 Files are scattered throughout several folders, drawers, cabinets, and would require a page-by-page search for proper retrieval

 Files are located in various offices

 Files are organized chronologically rather than by subject matter

e. (U) Other unique conditions that may affect the processing of this request:

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~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

Serial: J9022-00

f. (U) Machine files to be searched

____ ANCHORY

____ Other (e.g., databases, e-mails and the NSA Web). Briefly describe the system and provide your basis for the computation of the rate. (If you are unable to substantiate the cost, do not include any dollar figure).

Period of time X Rate = Total

_____ X _____ = _____

g. (U) **Estimate** the number of hours that you believe are required to conduct a reasonable search. For commercial requests only also estimate the number of hours that will be required for you to review any responsive documents.

FOR COMMERCIAL REQUESTERS ONLY

No. of People	Grade	Hours of Search	Hours of Review	Hourly Rate	TOTAL
<u>4</u>	E9/GS8&below	<u> </u>	+ (<u> </u>)	x \$12.00	= <u> </u>
<u>1</u>	01-06/GS9-15	<u> 1 </u>	+ (<u> 1 </u>)	x \$25.00	= <u> 50.00 </u>
<u>3</u>	07/SCE/SLE/ SLP	<u> 1 </u>	+ (<u> 1 </u>)	x \$45.00	= <u> 90.00 </u>

h. (U) If a contract, was it competitive? _____

TOTAL COST OF ESTIMATE IS: 140.00

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UNITED STATES GOVERNMENT

memorandum

Serial: J9022-00

DATE: **2 February 2001**

REPLY TO
ATTN OF: DC321

SUBJECT: (U) ESTIMATE OF SEARCH COSTS FOR FREEDOM OF INFORMATION ACT
(FOIA) REQUEST - **ACTION MEMORANDUM**

TO: DDO(Dom); DDT (Patty); DC325; ~~620~~; DI (Juanita)
DC311

1. (U) Please conduct an updated search estimate for the attached request. Please estimate the manpower and/or machine cost(s) that your office would incur by searching for the information requested in the attached correspondence. Do not perform the search at this time. The search for this information was conducted in November 1999, therefore, your **UPDATED SEARCH ESTIMATE SHOULD ONLY INCLUDE THE TIMEFRAME OF 9 November 1999 - 16 November 2000**. A copy of your previous estimate is attached for your reference. After reviewing your estimate and corresponding with the requester, DC321 will notify you if the search must be conducted. If you reasonably believe that your organization does not have any responsive records, or if the search cost is under \$25.00, then an estimate is not required and a search may be performed.

*see
attached
for
subject*

2. (U) Please complete the information on the following pages and return the completed forms to DC321 by **16 February 2001**. If the search estimate/search cannot be completed within the allotted time frame, please notify the Chief, DC321, Pamela Phillips (pnphill@n.nsa) by email or phone of the reasons for the delay and the expected date of completion.

**(U//~~FOUO~~) CASE OFFICER
PICK ONE FOIA OR PA CASE OFFICER
N5P51, 963-5827**

Encl:
a/s

(b) (3) - P.L. 86-36

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05-28-2008, FOIA Case # 47886



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EXCEPTION TO OPTIONAL FORM NO. 10
APPROVED BY GSA/IRMS 5/88
GSA FPMR (41CFR)201-45.4

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Serial: J9022-00

(U) When responding, please complete ALL applicable blanks below.

NO RECORDS WERE FOUND:

During the timeframe of 9 November 99 through 16 November 2000, I reasonably believe that my organization ~~does~~ ^{would} not have ^{additional} information responsive to the attached request.

No responsive records found in our files, and our search cost was under \$25.00.

RECORDS WERE FOUND:

Responsive records are attached, the search cost was under \$25.00. (If a contract, was it competitive? Yes or No) _____

MUST SEARCH TO DETERMINE IF RESPONSIVE RECORDS EXIST:

A search is required to determine if any responsive records exist. My search costs are estimated on page 2-3. (If your search cost estimate exceeds \$25.00, DO NOT SEARCH for the information at this time).

(U//~~FOUO~~)



DC 311 / 963-3086 / 2 Feb 01

Signature/Date

Encls:
a/s

(b) (3) - P.L. 86-36

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~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

(b) (3) - P.L. 86-36

Serial: J9022-00

(U) When responding, please complete ALL applicable blanks below.

NO RECORDS WERE FOUND:

I reasonably believe that my organization does not have information responsive to the attached request.

No responsive records found in our files, and our search cost was under \$25.00.

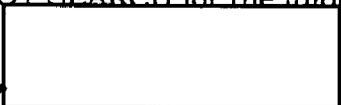
RECORDS WERE FOUND:

Responsive records are attached, the search cost was under \$25.00. (If a contract, was it competitive? Yes or No)

MUST SEARCH TO DETERMINE IF RESPONSIVE RECORDS EXIST:

A search is required to determine if any responsive records exist. My search costs are estimated on page 2-3. (If your search cost estimate exceeds \$25.00, DO NOT SEARCH for the information at this time).

(U) // FOUE



1 DC 335 / J9022-00 / 17 Feb 2001

Signature/Office/Secure Phone/Date

Encis:
a/s

I PREVIOUSLY STATED THAT WE HAD NO RESPONSIVE RECORDS. I AM FINDING DOCS. PERTAINING TO SOME TECHNICAL PAPERS ON SUBJECT SO ~~IN~~ MY ESTIMATE WILL INCLUDE EVERYTHING WE HAVE IN ARCHIVE UP TO 16 NOVEMBER 2000.

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~~UNCLASSIFIED // FOR OFFICIAL USE ONLY~~

Serial: J9022:00

(U) When responding, please complete ALL applicable blanks below.

NO RECORDS WERE FOUND:

___ I reasonably believe that my organization does not have information responsive to the attached request.

No responsive records found in our files, and our search cost was under \$25.00.

RECORDS WERE FOUND:

___ Responsive records are attached, the search cost was under \$25.00. (If a contract, was it competitive? Yes or No) ___

MUST SEARCH TO DETERMINE IF RESPONSIVE RECORDS EXIST:

___ A search is required to determine if any responsive records exist. My search costs are estimated on page 2-3. (If your search cost estimate exceeds \$25.00, DO NOT SEARCH for the information at this time).

(U) // (FOUO)

[Redacted Signature]

DC 325 972-2451 9 FEB 01

Signature / O / Secure Phone / Date

Encls:
a/s

(b) (3) - P.L. 86-36

Approved for Release by NSA on 05-28-2008, FOIA Case # 47886

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SECURITY CLASSIFICATION (if any)

OIA/PA ACTION RECORD

NSPS LOG DATE (Date of NSPS correspondence - DD/MM/YYYY)	NSPS CASE NO. (Case number prefixed by a J, other numbers prefixed by NSPs) 13-9022-00
ACTION TITLE (Description or title of customer request)	

SUSPENSE DATE (Date required to meet NSPS suspense (usually 10 days) - DD/MM/YYYY)	GROUP LOG NO. (GROUP originated reference no.) DIR-
--	---

CUSTOMER CORRESPONDENCE DATE (Date on customer's original correspondence - DD/MM/YYYY)	CASE OFFICER (Individual assigned to process the customer request and ensure completeness of response)
--	--

DATE ASSIGNED (Date case officer assigned action - DD/MM/YYYY)	DATE COMPLETED (Date case officer completed action - DD/MM/YYYY)
--	--

SUBJECT (Prepare one of the following which depends upon the request received from NSPs)

<input type="checkbox"/> COST ESTIMATE (An estimate, based in hours, on how long it would take to do the search, if requested to do so)	<input type="checkbox"/> FOIA/PA SEARCH (Perform search of all files and databases. Use DD 2086 to keep track of time and level of effort expended in completing search or providing cost estimate)
---	---

SEARCH STRATEGY

DATABASES/FILES SEARCHED

ANCHORY AIPS STINFC

KEY WORDS USED

NON SECRET ENCRYPTION; NSE; PUBLIC KEY CRYPTOGRAPHY; PKC; DIFFIE; HELLMAN; MERKLE; PUBLIC-KEY; PUBLIC KEY

(b) (3) - P.L. 86-36

NO RECORDS FOUND

I reasonably believe that my organization does not have information responsive to the attached request.

A search was performed but there are no responsive records in our files.

MUST SEARCH TO DETERMINE IF RESPONSIVE RECORDS EXIST

RECORDS FOUND (A search was performed and records were found. Complete a Form DD 2086.)

DOC (s)	PAGE (s)
---------	----------

	OFFICE DC 325	PHONE (Secure) 972-2451	(Non-Secure) 658-7015
	SECURITY CLASSIFICATION (if any)		

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Serial: J9022-00

(U) When responding, please complete ALL applicable blanks below.

NO RECORDS WERE FOUND:

I reasonably believe that my organization does not have information responsive to the attached request.

No responsive records found in our files, and our search cost was under \$25.00.

RECORDS WERE FOUND:

Responsive records are attached, the search cost was under \$25.00. (If a contract, was it competitive? Yes or No) _____

MUST SEARCH TO DETERMINE IF RESPONSIVE RECORDS EXIST:

A search is required to determine if any responsive records exist. My search costs are estimated on page 2-3. (If your search cost estimate exceeds \$25.00, DO NOT SEARCH for the information at this time).

(U) // ~~FOUO~~



/972-2452 / DC 325 / 15 Feb. 01
Secure Phone / Date

Encls:
a/s

(b) (3) - P.L. 86-36

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

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~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

Serial: J9022-00

ESTIMATED SEARCH AND/OR REVIEW COSTS

a. (U) List the various organizational elements which contributed to your evaluation:

b. (U) Briefly describe the types of records that may be responsive (e.g., correspondence, intelligence reports, etc.):

c. (U) Indicate the number of files which would have to be searched for each category of file listed below (e.g., 2 file drawers and 1 safe):

_____	file drawers	_____	file cabinets
_____	large flipper	_____	safes
_____	desk drawers	<input checked="" type="checkbox"/>	shinn boxes
_____	small flipper		

d. (U) Tell us the accessibility of the responsive files:

_____	Files are centrally located
_____	Files must be recalled from storage
_____	Files are contained in readily accessible folders
<input checked="" type="checkbox"/>	Files are scattered throughout several folders, drawers, cabinets, and would require a page-by-page search for proper retrieval
_____	Files are located in various offices
_____	Files are organized chronologically rather than by subject matter

e. (U) Other unique conditions that may affect the processing of this request:

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~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

Serial: J902200

f. (U) Machine files to be searched

____ ANCHORY

____ Other (e.g., databases, e-mails and the NSA Web). Briefly describe the system and provide your basis for the computation of the rate. (If you are unable to substantiate the cost, do not include any dollar figure).

Period of time X Rate = Total

_____ X _____ = _____

g. (U) **Estimate** the number of hours that you believe are required to conduct a reasonable search. For commercial requests only also estimate the number of hours that will be required for you to review any responsive documents.

FOR COMMERCIAL REQUESTERS ONLY

No. of People	Grade	Hours of Search	Hours of Review	Hourly Rate	TOTAL
____	E9/GS8&below	____	+ ()	x \$12.00	= _____
<u>1</u>	01-06/GS9-15	<u>16</u>	+ ()	x \$25.00	= <u>\$400.00</u>
____	07/SCE/SLE/ SLP	____	+ ()	x \$45.00	= _____

h. (U) If a contract, was it competitive? _____

TOTAL COST OF ESTIMATE IS: _____

~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

~~CONFIDENTIAL//MR~~

(b) (3)-P.L. 86-36

From: [redacted]@z.nsa Tue Feb 20 13:01:15 2001

From: [redacted]@z.nsa

Date: Tue, 20 Feb 2001 13:02:07 -0500

To: [redacted]@nsa

Cc: [redacted]@z.nsa, [redacted]@nsa

Subject: FOIAs due to you

MIME-Version: 1.0

Classification: UNCLASSIFIED

X-Skyway-In: [redacted] <20010220180110.baa0JqL8v>

X-Skyway-Out: [redacted] [redacted] <20010220180110.caa0vSxG4>

(b) (2)
(b) (3)-P.L.
86-36
(b) (1)

Classification: UNCLASSIFIED

Security Control Marking: ~~FOR OFFICIAL USE ONLY~~

Dom,

(b) (3)-P.L. 86-36

here are the ones I have so far.

[redacted] No change since last reviewed Cost-\$570.

Non - Responsive

We're working on getting a procedure for DA processing.

Judy

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

~~CONFIDENTIAL//MR~~

[Redacted]

N5P51

(b) (3) - P.L. 86-36

From: [Redacted]@vc.di.nsa]
Sent: Wednesday, February 21, 2001 8:09 AM
To: [Redacted] N5P51
Subject: RE: FOIA J9022-00

Classification: UNCLASSIFIED
Security Control Marking: ~~FOR OFFICIAL USE ONLY~~

Dawn,
The estimate is \$640.00.

Juanita

-----Original Message-----
From: [Redacted] N5P51 [mailto:[Redacted]@ems.nsa]
Sent: Friday, February 16, 2001 2:10 PM
To: [Redacted]@vc.di.nsa
Subject: RE: FOIA J9022-00

CLASSIFICATION: UNCLASSIFIED
SECURITY CONTROL MARKING: ~~FOR OFFICIAL USE ONLY~~

Thanks Juanita for the e-mail and I will wait for forms. Could you tell me how much your search estimate was for though? Thanks, Dawn

[Redacted]
FOIA Case Officer
963-5828/(301)688-6527
OPS2B8106

-----Original Message-----
From: [Redacted] [mailto:[Redacted]@vc.di.nsa]
Sent: Friday, February 16, 2001 10:51 AM
To: [Redacted] N5P51
Subject: FOIA J9022-00

Classification: UNCLASSIFIED
Security Control Marking: ~~FOR OFFICIAL USE ONLY~~

Dawn,
This is to let you know that the IAD organization has reviewed the subject request and a search is required to determine if any responsive records exist. The forms are in the mail.

Tks
[Redacted]
1411, INFOSEC Policy
968-7834s/(410)854-6818
FX3, Suite 6722, B6509

Classification: UNCLASSIFIED
Security Control Marking: ~~FOR OFFICIAL USE ONLY~~

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

Classification: UNCLASSIFIED
Security Control Marking: ~~FOR OFFICIAL USE ONLY~~

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SECURITY CLASSIFICATION

IAD

NSA STAFF PROCESSING FORM

TO DC321	EXREG CONTROL NUMBER	KCC CONTROL NUMBER
THRU	ACTION <input type="checkbox"/> APPROVAL <input type="checkbox"/> SIGNATURE <input type="checkbox"/> INFORMATION	EXREG SUSPENSE KCC SUSPENSE ELEMENT SUSPENSE
SUBJECT Estimate of Search Costs for FOIA Request (J9022-00)		
DISTRIBUTION		

SUMMARY

The IAD organization has reviewed the subject request and a search is required to determine if any responsive records exist. Attached are the signed forms.

Encl:
a/s

COORDINATION/APPROVAL					
OFFICE	NAME AND DATE	SECURE PHONE	OFFICE	NAME AND DATE	SECURE PHONE
			ORG. I411	PHONE (Secure) 968-7834	DATE PREPARED 16 February 2001

FORM A6796 REV NOV 95
(Supersedes A6796 FEB 94
which is obsolete)
NSN: 7540-FM-001-5485

Derived From:
Declassify On:

SECURITY CLASSIFICATION
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12 Feb 2001

Serial: J9022-00

(U) When responding, please complete ALL applicable blanks below.

NO RECORDS WERE FOUND:

I reasonably believe that my organization does not have information responsive to the attached request.

No responsive records found in our files, and our search cost was under \$25.00.

RECORDS WERE FOUND:

Responsive records are attached, the search cost was under \$25.00. (If a contract, was it competitive? Yes or No) _____

MUST SEARCH TO DETERMINE IF RESPONSIVE RECORDS EXIST:

A search is required to determine if any responsive records exist. My search costs are estimated on page 2-3. (If your search cost estimate exceeds \$25.00, DO NOT SEARCH for the information at this time).

(U) //FOUO



11 972-2417 12 Feb 2001
_____/Office/Secure Phone/Date

Encls:
a/s

(b) (3) - P.L. 86-36

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(b) (3) - P.L. 86-36

Serial: J9022-00

ESTIMATED SEARCH AND/OR REVIEW COSTS

a. (U) List the various organizational elements which ^{would} contributed to your evaluation:

[Redacted box]

LI/ES

b. (U) Briefly describe the types of records that may be responsive (e.g., correspondence, intelligence reports, etc.):

correspondence & messages

c. (U) Indicate the number of files which would have to be searched for each category of file listed below (e.g., 2 file drawers and 1 safe):

LeK+riever (1 drawer)

- | | |
|-----------------------------|-----------------------------|
| <u> </u> file drawers | <u> </u> file cabinets |
| <u> 10 </u> large flipper | <u> 3 </u> safes |
| <u> </u> desk drawers | <u> </u> shinn boxes |
| <u> </u> small flipper | |

d. (U) Tell us the accessibility of the responsive files: to be searched

- Files are centrally located
- Files must be recalled from storage
- Files are contained in readily accessible folders
- ✓ Files are scattered throughout several folders, drawers, cabinets, and would require a page-by-page search for proper retrieval
- ✓ Files are located in various offices
- ✓ Files are organized chronologically rather than by subject matter

e. (U) Other unique conditions that may affect the processing of this request:

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Serial: J9022-00

f. (U) Machine files to be searched

 ANCHORY

 Other (e.g., databases, e-mails and the NSA Web). Briefly describe the system and provide your basis for the computation of the rate. (If you are unable to substantiate the cost, do not include any dollar figure).

Period of time X Rate = Total

 X =

g. (U) Estimate the number of hours that you believe are required to conduct a reasonable search. For commercial requests only also estimate the number of hours that will be required for you to review any responsive documents.

FOR COMMERCIAL REQUESTERS ONLY

No. of People	Grade	Hours of Search		Hours of Review		Hourly Rate	=	TOTAL
<u> </u>	E9/GS8&below	<u> </u>	+	<u> </u>	x	\$12.00	=	<u> </u>
<u>6</u>	01-06/GS9-15	<u>12</u>	+	<u>6</u>	x	\$25.00	=	<u>\$450.00</u>
<u> </u>	07/SCE/SLE/ SLP	<u> </u>	+	<u> </u>	x	\$45.00	=	<u> </u>

h. (U) If a contract, was it competitive?

TOTAL COST OF ESTIMATE IS: \$450.00

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RECORD OF FREEDOM OF INFORMATION (FOI) PROCESSING COST				SYMBOL	
Please read instructions on back before completing form.					
1. REQUEST NUMBER		2. REQUEST NUMBER (X one)		3. DATE COMPLETED (YYYYMMDD)	
J9022-00		a. INITIAL	b. APPEAL		
4. CLERICAL HOURS (E-9/GS-8 and below)		TOTAL HOURS (1)		HOURLY RATE (2)	
a. SEARCH				X \$12.00 =	
b. REVIEW / EXCISING					
c. CORRESPONDENCE AND FORMS PREPARATION					
d. OTHER ACTIVITY					
5. PROFESSIONAL HOURS (O-1 - O-6/GS-9 - GS-15)		TOTAL HOURS (1)		HOURLY RATE (2)	
a. SEARCH		12		X \$25.00 =	
b. REVIEW / EXCISING		6			
c. COORDINATION / APPROVAL / DENIAL					
d. OTHER ACTIVITY					
6. EXECUTIVE HOURS (O-7 - GS-16 / ES 1 and above)		TOTAL HOURS (1)		HOURLY RATE (2)	
a. SEARCH				X \$45.00 =	
b. REVIEW / EXCISING					
c. COORDINATION / APPROVAL / DENIAL					
7. COMPUTER SEARCH		TOTAL HOURS (1)		HOURLY RATE (2)	
a. MACHINING HOURS				X	
b. PROGRAMMER / OPERATOR TIME					
(1) Clerical				\$12.00	
(2) Professional				\$25.00	
8. OFFICE COPY REPRODUCTION		NUMBER (1)		RATE (2)	
a. PAGES REPRODUCED				X .15 =	
9. MICROFICHE REPRODUCTION		NUMBER (1)		RATE (2)	
a. MICROFICHE REPRODUCED				X .25 =	
10. PRINTED RECORDS		TOTAL PAGES (1)		RATE (2)	
a. FORMS				X .02 =	
b. PUBLICATIONS					

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FAX COVER SHEET

DIRECTOR, NATIONAL SECURITY AGENCY

ATTENTION:

I411 POLICY BRANCH

Fort George G. Meade, MD 20755-6000

COMMERCIAL: 410-854-6818

DSN: 244-6818

UNCLASSIFIED FAX: 410-854-6679

(b) (3) - P.L.
86-36

~~UNCLASSIFIED // FOR OFFICIAL USE ONLY~~

Serial: J9022-00

(U) When responding, please complete ALL applicable blanks below.

NO RECORDS WERE FOUND:

I reasonably believe that my organization does not have information responsive to the attached request.

No responsive records found in our files, and our search cost was under \$25.00.

RECORDS WERE FOUND:

Responsive records are attached, the search cost was under \$25.00. (If a contract, was it competitive? Yes or No) _____

MUST SEARCH TO DETERMINE IF RESPONSIVE RECORDS EXIST:

A search is required to determine if any responsive records exist. My search costs are estimated on page 2-3. (If your search cost estimate exceeds \$25.00, DO NOT SEARCH for the information at this time).

(U) // (FOUO)

[Redacted Signature Box]

/403/968-7682/ 14 FEB 2001

Signature / Office / Secure Phone / Date

Encls:
a/s

(b) (3) - P.L. 86-36

~~UNCLASSIFIED // FOR OFFICIAL USE ONLY~~

[Redacted]

From: [Redacted]
Sent: Thursday, February 15, 2001 11:35 AM
To: [Redacted]
Subject: RE: (U//~~FOUO~~) FOIA J9022-00

Classification: UNCLASSIFIED
Security Control Marking: ~~FOR OFFICIAL USE ONLY~~

X has a negative on this FOIA. Sorry for the lateness.

[Redacted]

X Registry/Internal Training Coor.

☎ 968-4152 ☺

-----Original Message-----

From: [Redacted]
Sent: Thursday, February 15, 2001 7:42 AM
To: [Redacted] V09; [Redacted] X09
Subject: FW: (U//~~FOUO~~) FOIA J9022-00

Classification: UNCLASSIFIED
Security Control Marking: ~~FOR OFFICIAL USE ONLY~~

Good Morning,

Do you have a status on the subject request?

Tks
Juanita

-----Original Message-----

From: [Redacted]
Sent: Wednesday, February 14, 2001 7:56 AM
To: [Redacted] Y03 [Redacted] V09; [Redacted] X09; [Redacted]
Subject: FOIA J9022-00

Classification: UNCLASSIFIED
Security Control Marking: ~~FOR OFFICIAL USE ONLY~~

Good Morning,

This is a reminder that the subject request, Serial: I411-032-01, is due today.

Tks

[Redacted]

I411, INFOSEC Policy
968-7834s/(410)854-6818
FX3, Suite 6722, B6509

Classification: UNCLASSIFIED
Security Control Marking: ~~FOR OFFICIAL USE ONLY~~

~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

Serial: J0332-01

(U) When responding, please complete ALL applicable blanks below.

NO RECORDS WERE FOUND:

I reasonably believe that my organization does not have information responsive to the attached request.

No responsive records found in our files, and our search cost was under \$25.00.

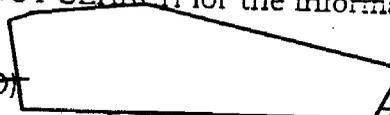
RECORDS WERE FOUND:

Responsive records are attached, the search cost was under \$25.00. (If a contract, was it competitive? Yes or No)

MUST SEARCH TO DETERMINE IF RESPONSIVE RECORDS EXIST:

A search is required to determine if any responsive records exist. My search costs are estimated on page 2-3. (If your search cost estimate exceeds \$25.00, DO NOT SEARCH for the information at this time).

(U) ~~FOUO~~

 //V/9687175/12 Feb 01
Signature/Office/Secure Phone/Date

Encis:
a/s

(b) (3) - P.L. 86-36

~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

Serial: J9022-00

ESTIMATED SEARCH AND/OR REVIEW COSTS

a. (U) List the various organizational elements which contributed to your evaluation:

DoD Public Key Infrastructure Program Management Office

b. (U) Briefly describe the types of records that may be responsive (e.g., correspondence, intelligence reports, etc.):

Reports, Studies, Planning documents,
Policy papers

c. (U) Indicate the number of files which would have to be searched for each category of file listed below (e.g., 2 file drawers and 1 safe):

<u>5</u> file drawers	<u>1</u> file cabinets
<u>20</u> large flipper	_____ safes
<u>3</u> desk drawers	_____ shinn boxes
<u>1</u> small flipper	

d. (U) Tell us the accessibility of the responsive files:

_____ Files are centrally located

_____ Files must be recalled from storage

X Files are contained in readily accessible folders

_____ Files are scattered throughout several folders, drawers, cabinets, and would require a page-by-page search for proper retrieval

_____ Files are located in various offices

_____ Files are organized chronologically rather than by subject matter

e. (U) Other unique conditions that may affect the processing of this request:

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RECORD OF FREEDOM OF INFORMATION (FOI) PROCESSING COST

Please read instructions on back before completing form.

REPORT CONTROL SYMBOL

1. REQUEST NUMBER I9022-00		2. REQUEST NUMBER (X one)		3. DATE COMPLETED (YYYYMMDD)	
		a. INITIAL	b. APPEAL		
4. CLERICAL HOURS (E-9/GS-8 and below)		TOTAL HOURS (1)	HOURLY RATE (2)	=	COST (3)
a. SEARCH			X \$12.00	=	**
b. REVIEW / EXCISING					
c. CORRESPONDENCE AND FORMS PREPARATION					
d. OTHER ACTIVITY					
5. PROFESSIONAL HOURS (C-1 - O-6/GS-9 - GS-15)		TOTAL HOURS (1)	HOURLY RATE (2)	=	COST (3)
a. SEARCH		2	X \$25.00	=	* \$50.00
b. REVIEW / EXCISING					
c. COORDINATION / APPROVAL / DENIAL					
d. OTHER ACTIVITY					
6. EXECUTIVE HOURS (O-7 - GS-16 / ES 1 and above)		TOTAL HOURS (1)	HOURLY RATE (2)	=	COST (3)
a. SEARCH			X \$45.00	=	**
b. REVIEW / EXCISING					
c. COORDINATION / APPROVAL / DENIAL					
7. COMPUTER SEARCH		TOTAL HOURS (1)	HOURLY RATE (2)	=	COST (3)
a. MACHINE HOURS			X	=	*
b. PROGRAMMER / OPERATOR TIME					
(1) Clerical					
(2) Professional					
8. OFFICE COPY REPRODUCTION		NUMBER (1)	RATE (2)	=	COST (3)
a. PAGES REPRODUCED			X .15	=	**
9. MICROFICHE REPRODUCTION		NUMBER (1)	RATE (2)	=	COST (3)
a. MICROFICHE REPRODUCED			X .25	=	*
10. PRINTED RECORDS		TOTAL PAGES (1)	RATE (2)	=	COST (3)
a. FORMS			X .02	=	*
b. PUBLICATIONS					
c. REPORTS					
11. COMPUTER COPY		NUMBER (1)	ACTUAL COST (2)	=	COST (3)
a. TAPE			X	=	*
b. PRINTOUT					
12. AUDIOVISUAL MATERIALS		NUMBER (1)	ACTUAL COST (2)	=	COST (3)
a. MATERIALS REPRODUCED			X	=	*
13. FOR FOI OFFICE USE ONLY					
a. SEARCH FEES PAID		i. TOTAL COLLECTABLE COSTS			
b. REVIEW FEES PAID		g. TOTAL PROCESSING COSTS			
c. COPY FEES PAID		h. TOTAL CHARGED			
d. TOTAL PAID		i. FEES WAIVED / REDUCED (X one)		Yes	No
e. DATE PAID (YYYYMMDD)		* Chargeable to all requesters after application of all waiver criteria. ** Chargeable only to commercial requesters.			

RADG

[Redacted]

N5P51

(b) (3) - P.L. 86-36

From: [Redacted] TB1
Sent: Friday, February 02, 2001 3:28 PM
To: [Redacted] N5P51
Cc: [Redacted] TB1
Subject: FOIA J9022-00 Response

CLASSIFICATION: UNCLASSIFIED
Security Control Marking: ~~FOR OFFICIAL USE ONLY~~

Dawn,

Hi - This request was reviewed by the old R Group which is now in the RADG, and they are not part of the new SIGINT Directorate - they are a separate KC like the ITIS. The RADG FOIA POC is [Redacted] Since she is at the R&E Bldg, I am going to fax the request to her and ask that she respond directly to you. For your records, please transfer this action to the RADG and this e-mail will complete the "old DT" response to this action.

Tks, Patty

[Redacted]

*SIGINT Directorate, SIGINT Staff
963-7323s
Room 1N084, OPS 1 Bldg.
Suite 6451*

CLASSIFICATION: UNCLASSIFIED
Security Control Marking: ~~FOR OFFICIAL USE ONLY~~

P [Redacted]

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05-28-2008, FOIA Case # 47886

N5P51

From: [redacted] [pr2.r.nsa]
Sent: Thursday, February 08, 2001 5:00 PM
To: [redacted] N5P51
Cc: [redacted] @ems.nsa;
Subject: RESEARCH DIRECTORATE (PREVIOUSLY "RADG") RESPONSE TO: FOIA Request J9022-00

Classification: UNCLASSIFIED
 Security Control Marking: ~~FOR OFFICIAL USE ONLY~~

Dawn,

In response to your memorandum, J9022-00, Subj: Estimate of Search Costs for FOIA Request, dtd 2 Feb 2001, which was a request to conduct an UPDATED search cost estimate for this FOIA, just wanted to let you know that our Information Assurance folks have reviewed this updated request, and their original response stands. (Pls see that response below, which was an email from [redacted] to [redacted] on 22 Oct 99) The gentlemen who reviewed this updated FOIA request is [redacted] Chief of the Research Cryptology Office (previously the RADG Cryptology Division, TRI1). John stated that limiting the timeframe does not affect their search cost estimates because they would still have to conduct the search in the same fashion as was estimated previously.

If you need anything else, just let me know!

Thanks!

[redacted]
 Research Associate Director Staff Officer
 R&E Bldg, Rm R3W032, Suite 6541
 961-6050s/688-0540b

-----Original Message-----
From: [redacted] TB1 [mailto:[redacted]@ems.nsa]
Sent: Friday, February 02, 2001 3:15 PM
To: [redacted] R09
Cc: [redacted] TB1
Subject: Heads Up - FOIA Request J9022-00

CLASSIFICATION: UNCLASSIFIED
 Security Control Marking: ~~FOR OFFICIAL USE ONLY~~

Angela,

Hi - I just received the subject FOIA request which is a re-task of one that I sent to you on 13 October 1999. Basically, it was a request for a search cost estimate for any and all information on "the invention and development of non-secret encryption (NSE) and public key cryptography (PKC) by the United Kingdom, United States, or any other nation's intelligence and cryptography agencies, prior to, parallel with, or subsequent to the PKC work of Diffie-Hellman-Merkle."

R21 was the reviewing office. Listed below this e-mail is the e-mail that R21 sent containing the search cost estimate of .5 hours, totaling \$12.50 (the review portion of 1.5 hrs was not included as they were only looking

for the search cost).

The Agency search cost total was over \$3000, so the requestor is coming back and limiting the search to the timeframe of 09 November 1999 to 16 November 2000.

Ok - now that RADG is separate from the old DT, I am going to tell DC321 that I am sending this FOIA to you and that you will respond directly to them. If there is anything you need me to help you with, please give me a call. (R21 e-mail follows)

Tks, Patty

[Redacted]

SIGINT Directorate, SIGINT Staff
963-7323s
Room 1N084, OPS 1 Bldg.
Suite 6451

(b) (3) - P.L. 86-36

CLASSIFICATION: UNCLASSIFIED
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Thanks, Patty.

-----Original Message-----

From: [Redacted] T011
Sent: Friday, October 22, 1999 11:30 AM
To: [Redacted] N5P5
Cc: [Redacted] T011
Subject: FW: DT Response FOIA Request J9022-00

CLASSIFICATION: UNCLASSIFIED
SECURITY CONTROL MARKING: ~~FOR OFFICIAL USE ONLY~~

Carla,

Please see R2's response for this FOIA. I will forward a hard copy of the DT response to you when I receive R2's hard copy response.

Tks, Patty

-----Original Message-----

From: [Redacted] [mailto:[Redacted]@r2.r.nsa]
Sent: Friday, October 22, 1999 11:23 AM
To: [Redacted]@skway.nsa
Cc: [Redacted] (E-mail)
Subject: FOIA Request J9022-00

Classification: UNCLASSIFIED
SECURITY CONTROL MARKING: ~~FOR OFFICIAL USE ONLY~~

Patty

I'm sending this response to you via e-mail so we can meet our suspense but will put the hard copy in the mail.

R21 does have documents pertaining to the request. We must conduct a search to find the materials.
documents are technical reports
5 safes which are central located.
Estimate 01-06/GS9-15 .5 hours to search 1.5 hours to review x 24.00
for a total of \$50.00



NATIONAL SECURITY AGENCY
CENTRAL SECURITY SERVICE
FORT GEORGE G. MEADE, MARYLAND 20755-6000

FOIA Case: 19136
08 August 2001

Mr. John Young
251 West 89th Street, STE 6E
New York, NY 10024

Dear Mr. Young:

This letter further responds to your Freedom of Information Act (FOIA) request of 16 November 2000, which was received by this office on 8 October 1999, for "Documents on the invention, discovery and development of non-secret encryption (NSE) and public key cryptography (PKC) by United Kingdom, United States, or any other nation's intelligence and cryptology agencies, prior to, parallel with, or subsequent to, the PKC work of Diffie-Hellman-Merkle." Due to a system upgrade, your request has been reassigned Case Number 19136 which replaces case number J0490-01. This current request restated and updated your case J9022-99, which was closed. Please refer to this new number when corresponding with this Agency concerning your request.

We have completed our search for records responsive to your request. The material is voluminous and its complexity requires that its release be coordinated among various NSA components and other agencies and constitutes an unusual circumstance. Therefore, we are unable to respond to your request within 20 days. In addition, your request has been placed in the first-in, first-out processing queue for complex cases. There are a number of cases ahead of yours in our processing queue. For this reason, we anticipate providing you a response by 2006. We do, however, encourage you to redefine or narrow the scope of your request to allow us to respond more quickly. We will hold your request in abeyance for 30 days from the date of this letter, pending further correspondence from you. If we do not hear from you, we will assume that you agree to accept 2006 as the date by which we estimate that we will complete the processing of your request.

Correspondence related to your request should include the case number assigned to your request. Your letter should be addressed to National Security Agency, FOIA Office (DC321), 9800 Savage Road STE 6248, Ft. George G. Meade, MD 20755-6248 or may be sent by facsimile to 301-688-4762. If sent by fax, it should be marked for the attention of the FOIA office. The telephone

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05-28-2008, FOIA Case # 47886

number of the FOIA office is 301-688-6527. If you are interested in visiting the NSA FOIA Home Page on the Internet, it can be reached at URL <http://www.nsa.gov:8080/docs/efoia/>. The NSA Home Page is at URL <http://www.nsa.gov:8080/>.

Sincerely,

A handwritten signature in black ink, appearing to read "Pamela N. Phillips". The signature is written in a cursive style with large, flowing loops.

PAMELA N. PHILLIPS
Chief
FOIA/PA Services

~~SECRET//X1~~

FOIA Case: 19136 JOHN YOUNG

cc: DC321

M/R: (U) **HARD QUEUE**

(U) This letter informs Mr. Young that documents were located in response to his 16 November 2001 request for "Documents on the invention, discovery and development of "non-secret encryption (NSE) and public key cryptography (PKC) by United Kingdom, United States, or any other nation's intelligence and cryptology agencies, prior to, parallel with, or subsequent to, the PKC work of Diffie-Hellman-Merkle."

(U//FOUO) Mr. Young's payment for search fees, in the amount of \$4,902.00, was received on 23 April 2001 and forwarded to DF22 [redacted] on 26 April 2001. This payment represents an estimated search cost for Case 19136 (formerly J9022-99 and J0490-01). Mr. Young's original request was CLOSED on 13 December 1999 due to his failure to respond to our fee letter. Mr. Young sent a fax on 26 October 2000 requesting we resend the initial fee letter. We resent the fee letter and informed him he could resubmit his request and we would do an updated search. The search cost estimate for the previous search was \$3,250.00. Mr. Young submitted the request again on 16 November 2000. In response, the SID, DC324, IAD, RADG and DC311 were tasked to update their search cost estimates for his request. DC311's input was zero. The other KC's search cost estimates for the timeframe 9 November 1999 through 16 November 2000 was \$1,652.31. The total was added to the previous estimate of \$3,250.00 bringing the estimate to \$4902.31.

(S) Upon receiving Mr. Young's payment for search, a search letter was sent to the KC's [redacted] responsive to the request were forwarded by SID. [redacted] were located by **ANCHORY** and [redacted] were located by **STINFO** and forwarded to this office. **IAD** forwarded [redacted] and added that these records require continued protection. The following comments were also provided: [redacted]

(b) (3) - P.L. 86-36
(b) (5)

~~SECRET//X1~~

(b) (1)
(b) (3) - P.L.
86-36

~~SECRET//X1~~

FOIA Case: 19136

[Redacted]

(b) (3)-P.L. 86-36
(b) (5)

(S) RADG found [Redacted] that were responsive to the request. The documents were identified as [Redacted]

[Redacted]

(U) All responsive documents have been scanned into Highview. Hardcopy records are stored in the left flipper at Linda's former position.

(U) The requester is informed that documents were located as a result of the search. Due to the volume [Redacted] and complexity of his case, it will be placed in the first-in, first-out processing queue for Complex cases. We estimate 2006 as the date we will complete processing. The case will be held in abeyance for 30 days pending a response from the requester accepting this date or redefining his request. If we do not hear from the requester in the 30-day period, we assume he accepts 2006 as the date we anticipate completing his case.

(U//FOUO) [Redacted] DC321, 963-5827, 08 August 2001

~~SECRET//X1~~



**NATIONAL SECURITY AGENCY
CENTRAL SECURITY SERVICE**
FORT GEORGE G. MEADE, MARYLAND 20755-6000

FOIA Case: 19136A
18 September 2001

Mr. John Young
251 West 89th St., Suite 6E
New York, NY 10024

Dear Mr. Young:

We are in receipt of your letter dated 8 September 2001, received via facsimile on 8 September 2001, which narrowed the scope of your Freedom of Information Act (FOIA) request to be for "documents in the year 1970 concerning 'non-secret digital encryption' described in the paper by J H Ellis, 'The Possibility of Secure Non-Secret Digital Encryption,' CESG Report, January 1970, and documents concerning public key cryptography by the USA or other nations. Should NSA have no documents about 'non-secret digital encryption' and public key cryptography for the year 1970, then [you] request documents on the topics from the earliest year other than 1970." Your request is assigned case number 19136.

The decision to narrow the scope of your original request will enable us to respond to your request more quickly. While we do not have material from 1970, we do have material from the 1970's that is responsive to your request. That material is not voluminous, and your request has been placed in the first-in, first-out processing queue for simple cases. Because there are a significant number of cases ahead of yours in that queue, however, we are unable to provide a projected date of completion. We appreciate your patience with our efforts to treat all requesters fairly by responding to each on a "first-in, first-out" basis.

Correspondence related to your request should include the case number assigned to your request, which is included in the first paragraph of this letter. Your letter should be addressed to National Security Agency, FOIA Office

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FOIA Case: 19136A

(DC321), 9800 Savage Road STE 6248, Ft. George G. Meade, MD 20755-6248.
The telephone number of the FOIA office is 301-688-6527.

Sincerely,

A handwritten signature in cursive script, appearing to read "Pamela N. Phillips". The signature is written in black ink and is positioned above the printed name.

PAMELA N. PHILLIPS
Chief
FOIA/PA Service

~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

FOIA Case: 19136 John Young

cc: DC321

M/R: (U) **PLACEMENT ON EASY QUEUE**

(U) We inform Mr. John Young that we are in receipt of his response letter dated 8 September 2001, which narrowed the scope of his original request. His revised request is for "documents in the year 1970 concerning 'non-secret encryption' described in the paper by J H Ellis, "The Possibility of Secure Non-Secret Digital Encryption,' CESG Report, January 1970, and documents concerning public key cryptography by the USA or other nations." Mr. Young also noted that "should NSA have no documents about 'non-secret digital encryption' and public key cryptography for the year 1970, then (he) request documents on the topics from the earliest year other than 1970.

(U) A review of the hardcopy responsive documents stored at Linda's former position revealed that the records dated back to 1977. These documents were provided by SID, ANCHORY, STINFO, IAD and RADG in response to payment of search fees received from Mr. Young in the sum of \$4902.31. Mr. Young is willing to accept the next earliest year other than 1970.



 I spoke with Mr. Young on 7 September 2001 and suggested he identify a timeframe to assist in redefining his request. He decided to start with 1970. His redefined request was faxed and received on 8 September 2001.

(b) (5)
(b) (3)-P.L. 86-36

~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

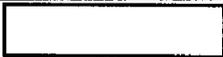
Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

FOIA Case: 19136

(U) We advise Mr. Young that materials have been located responsive to his request. However, since requests are processed on a first-in, first-out basis, his will be placed in the queue for simple cases and will be processed in order pursuant to the FOIA.

(U//~~FOUO~~)



DC321, 963-5827, 18 September 2001

(b) (3) - P.L. 86-36

~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

SENT BY: ;

2127876102;

APR-20-04 5:37PM;

PAGE 1/1

CRYPTOME 251 WEST 89TH ST SUITE 6E NEW YORK NY 10024 212-873-8700

Attention: FOIA Office

April 20, 2003

By fax to: 301-688-4762

Pamela N. Phillips
Chief, FOIA/PA Services
FOIA Office (DC321)
National Security Agency
9800 Savage Road STE 6248
Ft. George G. Meade, MD 20755-6248

Re FOIA Case: 19136A

Dear Ms. Phillips,

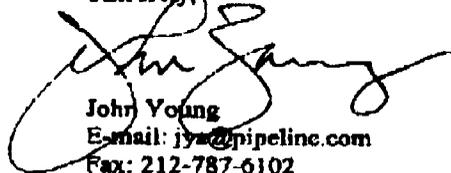
We last spoke by telephone on May 23, 2003, when you responded to my letter inquiry on that date. You said that my request was No. 45 in the easy queue. Could you say when NSA expects to answer my FOIA request of October 9, 1999:

"Under the Freedom of Information Act I request any and all information and documents on:

The invention, discovery and development of "non-secret encryption" (NSE) and public key cryptography (PKC) by United Kingdom, United States, or any other nation's intelligence and cryptology agencies, prior to, parallel with, or subsequent to, the PKC work of Diffie-Hellman-Merkle."

Thank you very much.

Sincerely,



John Young
E-mail: jy@pipeline.com
Fax: 212-787-6102

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

CRYPTOME 251 WEST 89TH ST SUITE 6E NEW YORK NY 10024 212-873-8700

Attention: FOIA Office

April 30, 2003

By fax to: 301-688-4762

Pamela N. Phillips
Chief, FOIA/PA Services
FOIA Office (DC321)
National Security Agency
9800 Savage Road STE 6248
Ft. George G. Meade, MD 20755-6248

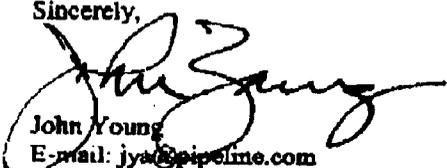
Re FOIA Case: 19136A

Dear Ms. Phillips,

Following your letter of 18 September 2001, could you provide information on when my FOIA request is expected to be answered?

Thank you very much.

Sincerely,


John Young
E-mail: jya@pipeline.com
Fax: 212-787-6102

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

CRYPTOME 251 WEST 89TH ST SUITE 6E NEW YORK NY 10024 212-873-8780

Attention: FOIA Office

May 23, 2003

By fax to: 301-688-4762

Pamela N. Phillips
Chief, FOIA/PA Services
FOIA Office (DC321)
National Security Agency
9800 Savage Road STE 6248
Ft. George G. Meade, MD 20755-6248

Re FOIA Case: 19136A

Dear Ms. Phillips,

In the light of the new rule published today by NSA on amending responses to FOIA requests, and following your letter of 18 September 2001, could you provide information on when my October 9, 1999 FOIA request for information on Non-Secret Encryption is expected to be answered:

"Under the Freedom of Information Act I request any and all information and documents on:

The invention, discovery and development of "non-secret encryption" (NSE) and public key cryptography (PKC) by United Kingdom, United States, or any other nation's intelligence and cryptology agencies, prior to, parallel with, or subsequent to, the PKC work of Diffie-Hellman-Merkle."

Thank you very much.

Sincerely,


John Young
E-mail: jya@pipehne.com
Fax: 212-787-6102

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886



NATIONAL SECURITY AGENCY
CENTRAL SECURITY SERVICE
FORT GEORGE G. MEADE, MARYLAND 20755-6000

FOIA Case: 19136B
30 April 2004

Mr. John Young
251 West 89th St., Suite 6E
New York, NY 10024

Dear Mr. Young:

This responds to your 20 April 2004 letter requesting the status of your Freedom of Information Act (FOIA) request dated 6 October 1999. In a letter, received via facsimile on 8 September 2001, the scope of the request was narrowed to be for "documents in the year 1970 concerning 'non-secret digital encryption' described in the paper by J H Ellis, 'The Possibility of Secure Non-Secret Digital Encryption,' CESG Report, January 1970, and documents concerning public key cryptography by the USA or other nations. Should NSA have no documents about 'non-secret digital encryption' and public key cryptography for the year 1970, then [you] request documents on the topics from the earliest year other than 1970." The letters are enclosed for your convenience. Your request is assigned case number 19136.

As mentioned in our response letter to you dated 18 September 2001, your request was placed in the first-in, first-out processing queue for simple cases ("easy queue"). In recent months, your case has come up in turn and has been assigned to a Case Officer for processing.

We cannot provide an accurate estimate of the date by which we will be able to provide a response to you because we cannot estimate the time required for reviewing and processing the documents and approval of the case. We realize that waiting can be frustrating. Please be assured, however, that we are processing your case in accordance with Department of Justice guidelines. The length of time it takes to complete a review is dependent upon the complexity and size of the documents as well as the number of experts who must review them. We appreciate your patience while we process your case and we will respond to you when processing of the materials responsive to your request has been completed.

Correspondence related to your request should include the case number assigned to your request, which is included in the first paragraph of this letter. Your letter should be addressed to National Security Agency, FOIA Office

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

FOIA Case: 19136B

(DC321), 9800 Savage Road STE 6248, Ft. George G. Meade, MD 20755-6248.
The telephone number of the FOIA office is 301-688-6527.

Sincerely,

Rona L. Lema
for

PAMELA N. PHILLIPS
Chief
FOIA/PA Services

Encls:
a/s

UNCLASSIFIED

FOIA Case: 19136B

M/R: (U) **RESPONSE TO REQUESTER'S QUERY**

(U) The attached letter responds to John Young's letter dated 20 April 2004 querying the status of his FOIA request of 9 October 1999. An 8 September 2001 letter (correspondence 127), narrowed the scope of his request to be for "documents in the year 1970 concerning 'non-secret digital encryption' described in the paper by J H Ellis, 'The Possibility of Secure Non-Secret Digital Encryption,' CESG Report, January 1970, and documents concerning public key cryptography by the USA or other nations. Should NSA have no documents about 'non-secret digital encryption' and public key cryptography for the year 1970, then [he] request[s] documents on the topics from the earliest year other than 1970."

(U) On 23 April 2001, Mr. Young submitted a check in the amount of \$4902 to cover search fees. The previous CO indicated there are about

[REDACTED]

[REDACTED] However, there are approximately [REDACTED] documents shown in the hit list.

(b) (3) - P.L. 86-36
(b) (5)

[REDACTED]

(U) In this letter, Mr. Young is being told his request has been assigned to a Case Officer. He is also being told an accurate estimate for completion cannot be given because the time required for reviewing and processing the material and gaining approval is unknown. As always, we are providing procedures for contacting us about the case if he wishes to do so again.

Ira J. Bowser, DC324, 972-2122, 26 April 2004

UNCLASSIFIED

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UNCLASSIFIED

FOIA Case: 19136B

Printing instructions:

Letter to requester with enclosures (correspondence letter 2 and
correspondence letter 127)

UNCLASSIFIED

(b) (3) - F.L.
86-36

~~SECRET//X1~~

(b) (1)
(b) (3) - P.L.
86-36

Re: Review of Documents for FOIA Case 19136

A. (U) The Sizlak Curve

B. (U//~~FOUO~~)

C. (S)

D. (S)

(b) (3) - P.L. 86-36
(b) (5)

(U//~~FOUO~~) Before I address the questions posed by Jackie Finlay (contractor), DC309, I would like to note

[Redacted]

However, given the nature of the request, it would require a thorough search of our records at an approximate cost of \$1,500.

(U//~~FOUO~~)

[Redacted]

(U//~~FOUO~~) With respect to the questions that were posed by DC309:

Question 1. (U//~~FOUO~~) All portion markings are correct except in B. In B on page 6, section 4, the second paragraph should be marked (U//~~FOUO~~). It is currently unmarked. Similarly on page 10, the Acknowledgement paragraph should be marked (U//~~FOUO~~). I'd also like to note that all of the Distribution lists are (U//~~FOUO~~).

Question 1. a. (U//~~FOUO~~) All parts of all of these documents should be protected with respect to this FOIA request.

[Redacted]

(b) (3) - P.L. 86-36
(b) (5)

This FOIA request is requesting information about "non-secret digital encryption" and public key cryptography of the 1970 vintage.

[Redacted]

Question 1.b. (U//~~FOUO~~) None. See above.

Question 2. (U//~~FOUO~~) All of the portion markings are correct.

Question 3. (U//~~FOUO~~) In addition to the harm described in 1.a., release of B would violate the IAD Classification Guide for their Cryptomodernization Program.

[Redacted]

(b) (3) - P.L. 86-36

DRV FM: NSA/CSSM 123-2
Dated: 24 Feb 98
DECL ON: X1

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

~~SECRET//X1~~

~~SECRET//X1~~

(U//~~FOUO~~) Finally, all of the information in these documents is NSA intellectual property, and the OGC and Domestic Technology Program should be consulted before any of it is release.



Chief, Cryptography Office
Information Assurance Research Group
September 30, 2004

(b) (3) - P.L. 86-36

SECRET//X1

1 September 2004

TO: [Redacted]

R3W032, Ste 6541

REPLY TO: Jackie Finlay (contractor), DC309, SAB2, suite 6884

ACTION: Review of Documents for FOIA Case 19136

DUE DATE: 14 October 2004

(b) (3)-P.L. 86-36

(U) I am processing FOIA Case 19136 (copy of requester's letter attached), which has some pretty technical documents having R equities that I do not feel confident in reviewing. Please take a look at them (listed below for reference), or have someone suitable review them, and provide me with the following information for each:

1. Are the portion markings correct, such that I would be right to protect the classified and FOUO parts, and release to the requester the unclassified parts? If there are no portion markings, please let me know:
a. what parts must be protected, and whether they are classified or FOUO, b. what parts can be released.

2. If you want me to protect FOUO-marked information because it is really classified, please let me know the correct classification.

3. Please give me a harm statement regarding release of the classified information in the document so that I can defend the redactions. Some of this information is too technical for me to determine the impact myself.

4. If you feel your organization is not the appropriate one to review, please let me know which org. is correct. I could have been mistaken in assessing equities.

(b) (1)
(b) (3)-P.L. 86-36

(U) Thanks for your help.

(b) (3)-P.L. 86-36

~~(S//NF)~~

~~(U)~~ Doc #

(for my use)

Pages

Title

[Redacted]

[Redacted]

(b) (3)-P.L. 86-36
(b) (5)

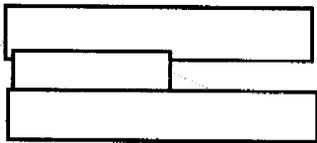
2 A Public Key System
[Redacted]

Regarding the following 2 already R-reviewed docs:

[Redacted]

Declassify and mark FOR OFFICIAL USE ONLY upon removal of enclosures.

Approved for Release by NSA on 05-28-2008, FOIA Case # 47886



(b) (3)-P.L. 86-36

(b) (1)
(b) (3)-P.L. 86-36

~~TOP SECRET//COMINT//~~

[Redacted] //X1

1 September 2004

TO:

[Redacted]

I01P1, FANX III, Room B6509, Suite 6722

REPLY TO:

Jackie Finlay (contractor), DC309, SAB2, suite 6884

ACTION:

Review of Documents for FOIA Case 19136

DUE DATE:

14 October 2004

(U) I am processing FOIA Case 19136 (copy of requester's letter attached), which has some pretty technical documents having IA equities that I do not feel confident in reviewing. Please take a look at them (listed below for reference), or have someone suitable review them, and provide me with the following information for each:

1. Are the portion markings correct, such that I would be right to protect the classified and FOUO parts, and release to the requester the unclassified parts? If there are no portion markings, please let me know:
 - a. what parts must be protected, and whether they are classified or FOUO, b. what parts can be released.
2. If you want me to protect FOUO-marked information because it is really classified, please let me know the correct classification.
3. Please give me a harm statement regarding release of the classified information in the document so that I can defend the redactions. Some of this information is too technical for me to determine the impact myself.
4. If you feel your organization is not the appropriate one to review, please let me know which org. is correct. I could have been mistaken in assessing equities.

(b) (3) - P.L. 86-36

Thank you for your help.

~~(S//NF)~~

~~(U) Doc #~~
~~(for mv use)~~

Pages

Title

[Redacted]
and Key

9

A Proposal for Unclassified Public Key Signature

[Redacted]

2

Exchange Standards

A Public Key System

[Redacted]

[Redacted]

[Redacted]

[Redacted]

Declassify and mark FOR OFFICIAL USE ONLY upon removal of enclosures.

Approved for Release by NSA on 05-28-2008, FOIA Case # 47886

~~TOP SECRET//COMINT//~~

[Redacted] //X1

~~TOP SECRET//COMINT//~~

[Redacted]

~~//X1~~

(b) (1)

(b) (3)-P.L. 86-36

FOIA Case: 19136

[Redacted]

(b) (3)-P.L. 86-36

(b) (5)

[Redacted]

6	A Modular Public Key Infrastructure for Security Management
6	A Modular Public Key Infrastructure for Security Management - Proof of Concept Proposal
14	A Modular Public Key Infrastructure for Security Management
16	A Modular Public Key Infrastructure for Security Management
24	Modular PKI Status Report

[Redacted]

[Redacted]

(b) (3)-P.L. 86-36

~~TOP SECRET//COMINT//~~

[Redacted]

~~//X1~~

1 September 2004

TO:



(b) (3)-P.L. 86-36

REPLY TO: Jackie Finlay (contractor), DC309, SAB2, suite 6884
ACTION: Review of Documents for FOIA Case 19136
DUE DATE: 14 October 2004

(U) I am processing FOIA Case 19136 (copy of requester's letter attached), which has some pretty technical documents having  equities that I do not feel confident in reviewing. Please take a look at them (listed below for reference), or have someone suitable review them, and provide me with the following information for each:

1. Are the portion markings correct, such that I would be right to protect the classified and FOUO parts, and release to the requester the unclassified parts? If there are no portion markings, please let me know:
 - a. what parts must be protected, and whether they are classified or FOUO,
 - b. what parts can be released.
2. If you want me to protect FOUO-marked information because it is really classified, please let me know the correct classification.
3. Please give me a harm statement regarding release of the classified information in the document so that I can defend the redactions. Some of this information is too technical for me to determine the impact myself.
4. If you feel your organization is not the appropriate one to review, please let me know which org. is correct. I could have been mistaken in assessing equities.

(b) (3)-P.L. 86-36
(b) (5)

Thank you for your help.

(U) Doc #
(for my use) Pages Title

(U) Doc # (for my use)	Pages	Title
		
	6	A Modular Public Key Infrastructure for Security Management
	6	A Modular Public Key Infrastructure for Security Management – Proof of Concept Proposal
	14	A Modular Public Key Infrastructure for Security Management
	16	A Modular Public Key Infrastructure for Security Management
	24	Modular PKI Status Report

Declassify and mark FOR OFFICIAL USE ONLY upon removal of enclosures.

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(b) (3)-P.L. 86-36

[Redacted] [Redacted]
[Redacted] 12 A Digital Signature Scheme Constructed with
Error Correcting Codes
[Redacted]
[Redacted]

(b) (3)-P.L. 86-36
(b) (5)

(b) (3)-P.L. 86-36

(b) (1)
(b) (3)-P.L. 86-36
(b) (5)

~~TOP SECRET//NOFORN//X1~~

UNITED STATES GOVERNMENT

memorandum

DATE: 8 November 2004

[Redacted]

REPLY TO
ATTN OF: [Redacted]

SUBJECT: Review of Material Requested under the Freedom of Information Act
- INFORMATION MEMORANDUM

TO: DC309, Jackie Finlay
Ref: FOIA Case 19136

~~(U//FOUO)~~ I concur in the attached review that was completed by

[Redacted]

[Redacted]

(b) (1)
(b) (3) - P.L. 86-36

Encls:

- 1. Harm Statement
- 2. Documents
- 3. DD 2086

THIS DOCUMENT MAY BE DOWNGRADED TO U//~~FOUO~~ UPON REMOVAL OF ENCLOSURES

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

DERIVED FROM: NSA/CSSM 123-2
DATED 24 February 1998
DECLASSIFY ON: X1

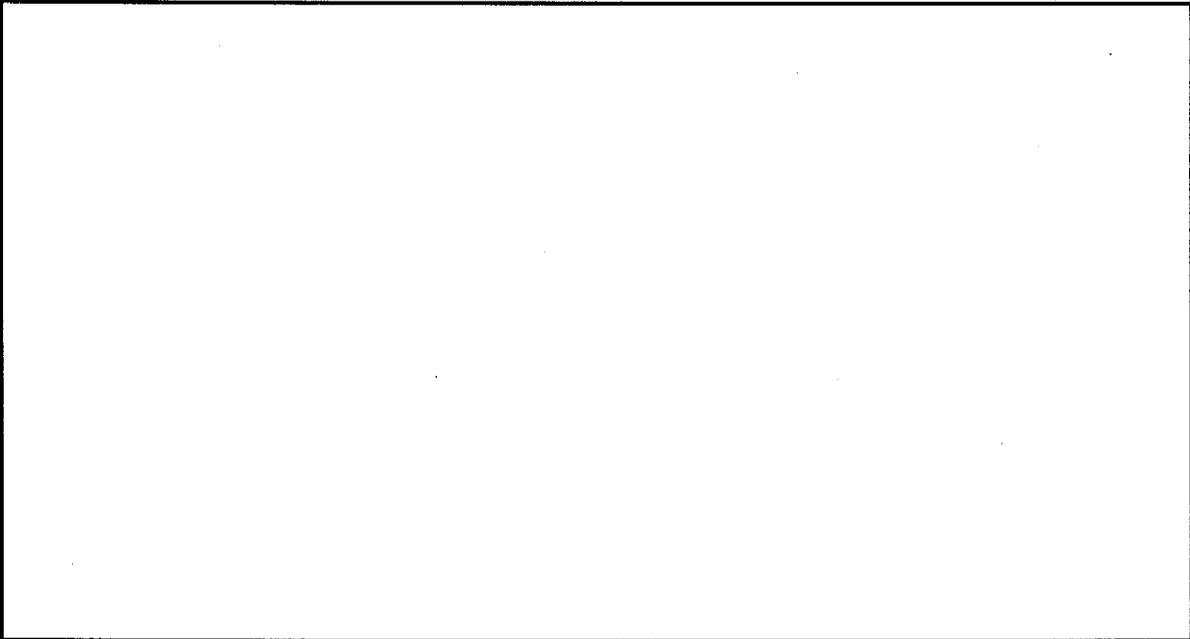
~~TOP SECRET//NOFORN//X1~~

~~TOP SECRET//NOFORN//X1~~

(b) (1)
(b) (3)-P.L. 86-36
(b) (5)

HARM STATEMENT

1. (U//~~FOUO~~) The following nine documents were forwarded to [redacted] for review. Comments are provided below regarding each document.



A Modular Public Key Infrastructure for Security Management

[redacted]

- (U) Document is unclassified in its entirety.

A Modular Public Key Infrastructure for Security Management - Proof of Concept Proposal

[redacted]



- (U//~~FOUO~~) Page 5 - Protect the names of NSA personnel.

- (U) Remaining information is unclassified.

A Modular Public Key Infrastructure for Security Management

[redacted]

- (U) Document is unclassified in its entirety.

~~TOP SECRET//NOFORN//X1~~

(b) (1)
(b) (3)-P.L. 86-36

~~TOP SECRET//NOFORN//X1~~

(b) (3)-P.L. 86-36

(b) (1)
(b) (3)-P.L. 86-36

A Modular Public Key Infrastructure for Security Management

[redacted]
- ~~(TS//SI)~~ Bracketed bullet is TS//SI. Reference to [redacted] makes this bullet classified and must be protected.

- (U) Remaining information is unclassified.

Modular PKI Status Report - 9 September 1997 [redacted]

- ~~(TS//SI)~~ Top cover sheet, Future Issues, last bullet as highlighted must be protected. By today's classification guidance, this section is classified TS//SI.

- (U//FOUO) Page 4 - Protect name, org, SID of NSA employee.

- (U) Remaining information is unclassified.

(b) (1)
(b) (3)-P.L. 86-36
(b) (5)

[redacted]

A Digital Signature Scheme Constructed with Error Correcting Codes [redacted]

[redacted]

[redacted]

2. (U) The redacted portions in each document are exempt from disclosure pursuant to the first exemption of the FOIA (5 U.S.C. Section 552(b)(1)) and P.L. 86-36.

(b) (3)-P.L. 86-36
(b) (5)

~~TOP SECRET//NOFORN//X1~~

RECORD OF FREEDOM OF INFORMATION (FOI) PROCESSING COST <i>Please read instructions on back before completing form.</i>				REPORT CONTROL SYMBOL
1. REQUEST NUMBER 19136		2. REQUEST NUMBER (X one) <input checked="" type="checkbox"/> a. INITIAL <input type="checkbox"/> b. APPEAL		3. DATE COMPLETED (YYYYMMDD) 2004/11/08
4. CLERICAL HOURS (E-9/GS-8 and below)		TOTAL HOURS (1)	HOURLY RATE (2)	COST (3)
a. SEARCH			X \$20.00 =	*
b. REVIEW / EXCISING				**
c. CORRESPONDENCE AND FORMS PREPARATION				
d. OTHER ACTIVITY				
5. PROFESSIONAL HOURS (O-1 - O-6/GS-9 - GS-15)		TOTAL HOURS (1)hours	HOURLY RATE (2)	COST (3)
a. SEARCH		3	X \$44.00 =	* \$
b. REVIEW / EXCISING				**
c. COORDINATION / APPROVAL / DENIAL				
d. OTHER ACTIVITY				
6. EXECUTIVE HOURS (O-7 - GS-16 / ES 1 and above)		TOTAL HOURS (1)	HOURLY RATE (2)	COST (3)
a. SEARCH			X \$75.00 =	*
b. REVIEW / EXCISING		4		**
c. COORDINATION / APPROVAL / DENIAL				
7. COMPUTER SEARCH		TOTAL HOURS (1)	HOURLY RATE (2)	COST (3)
a. MACHINE HOURS			X \$20.00 \$44.00 =	*
b. PROGRAMMER / OPERATOR TIME				**
(1) Clerical				
(2) Professional				
8. OFFICE COPY REPRODUCTION		NUMBER (1)	RATE (2)	COST (3)
a. PAGES REPRODUCED		50	X .15 =	*
9. MICROFICHE REPRODUCTION		NUMBER (1)	RATE (2)	COST (3)
a. MICROFICHE REPRODUCED			X .25 =	*
10. PRINTED RECORDS		TOTAL PAGES (1)	RATE (2)	COST (3)
a. FORMS			X .02 =	*
b. PUBLICATIONS				**
c. REPORTS				
11. COMPUTER COPY		NUMBER (1)	ACTUAL COST (2)	COST (3)
a. TAPE			X =	*
b. PRINTOUT				**
12. AUDIOVISUAL MATERIALS		NUMBER (1)	ACTUAL COST (2)	COST (3)
a. MATERIALS REPRODUCED			X =	*
13. FOR FOI OFFICE USE ONLY				
a. SEARCH FEES PAID			f. TOTAL COLLECTABLE COSTS	
b. REVIEW FEES PAID			g. TOTAL PROCESSING COSTS	
c. COPY FEES PAID			h. TOTAL CHARGED	
d. TOTAL PAID			\$	
e. DATE PAID (YYYYMMDD)			i. FEES WAIVED / REDUCED (X one)	
			Yes No	
* Chargeable to all requesters after application of all waiver criteria. ** Chargeable only to commercial requesters.				

CRYPTOME 351 WEST 89TH ST SUITE 6K NEW YORK NY 10024 212-873-8700

Attention: FOIA Office

February 10, 2005

By fax to: 301-688-4762

Pamela N. Phillips
Chief, FOIA/PA Services
FOIA Office (DC321)
National Security Agency
Central Security Service
9800 Savage Road STE 6248
Ft. George G. Meade, MD 20755-6000

Re FOIA Case: 19136

Dear Ms. Phillips,

This responds to your letter of 30 April 2004 which stated that my FOIA request has been assigned to a Case Officer for processing. I would appreciate learning the timetable for an answer my FOIA request of October 6, 1999:

"Under the Freedom of Information Act I request any and all information and documents on:

The invention, discovery and development of "non-secret encryption" (NSE) and public key cryptography (PKC) by United Kingdom, United States, or any other nation's intelligence and cryptology agencies, prior to, parallel with, or subsequent to, the PKC work of Diffie-Hellman-Merkle."

Thank you very much.

Sincerely,



John Young
E-mail: jya@pipeline.com
Fax: 212-787-6102

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

DOCID: 3352923

DOCID: 2746124

FOIA #19136 – Tally Sheet

R1 - 1 (GS15) – 3 hours spent
1 (Senior) – 15 min spent

R2 - 1 (GS8 & below) – 24 hours spent
10 (GS 9-15) – 2 hours spent
1 (Senior) – 2 hours spent

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

Finlay, Jacqueline E (CON-NSA) DC309

From: [redacted] (CIV-NSA) I01P1 [redacted]@nsa.ic.gov
Sent: Friday, September 23, 2005 9:58 AM
To: jefinla@nsa.ic.gov
Cc: [redacted] (CIV-NSA) I01P1
Subject: RE: (U) Another doc to review - Case 43668
Signed By: [redacted]@nsa.ic.gov
Classification: UNCLASSIFIED//~~FOR OFFICIAL USE ONLY~~

(b) (3) - P.L. 86-36

Jackie,

Regarding FOIA Case #19136, the review hours are estimated to be as follows:

7 Hours at the GS9-15 Level...\$44.00/hr X 7hrs = \$308.00

[redacted]
I01P1 IA Policy Branch
968-7834

-----Original Message-----

From: Finlay, Jacqueline E (CON-NSA) DC309 [mailto:jefinla@nsa.ic.gov]
Sent: Thursday, September 22, 2005 12:47 PM
To: [redacted] (CIV-NSA) I01P1
Subject: RE: (U) Another doc to review - Case 43668

Classification: UNCLASSIFIED//~~FOR OFFICIAL USE ONLY~~

John - (U) One thing I have forgotten is to ask you to provide the number of review hours spent by what level of reviewer (clerical, professional, or executive). Please make an educated guess for case 19136 regarding this time and let me know, and keep track for the yet to be reviewed 43668 stuff (which I put in the NSA mail yesterday.). Thanks.

(U) Jackie Finlay (CON-Merito)
DC309
ste. 6884 SAB2
972-2122 301-688-3575

-----Original Message-----

From: [redacted] (CIV-NSA) I01P1 [mailto:[redacted]@nsa.ic.gov]
Sent: Tuesday, September 20, 2005 2:29 PM
To: jefinla@nsa.ic.gov
Cc: [redacted] (CIV-NSA) I01P1
Subject: RE: (U) Another doc to review - Case 43668

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

Classification: UNCLASSIFIED//~~FOR OFFICIAL USE ONLY~~

Jackie,

Sure...Please send me a copy of the material and we'll take a look at it. Hopefully it won't take near as long to try to get you some information.

9/23/2005

Finlay, Jacqueline E (CON-NSA) DC309

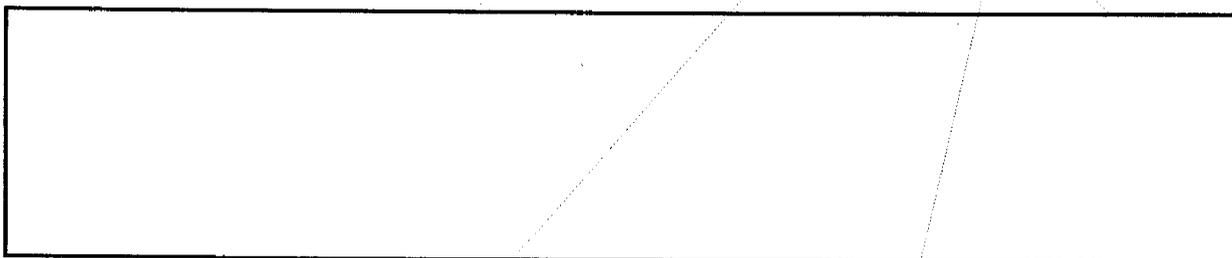
From: [redacted] (CIV-NSA) I01P1 [redacted]@nsa.ic.gov (b) (3) - P.L. 86-36
 [redacted]@nsa.ic.gov
 Sent: Friday, September 23, 2005 11:20 AM
 To: jefinla@nsa.ic.gov
 Cc: [redacted] (CIV-NSA) I01P1
 Subject: RE: (U) Questions on review of 19136
 Signed By: [redacted]@nsa.ic.gov

Classification: ~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

Jackie,

(b) (3) - P.L. 86-36
(b) (5)

I hope I can answer these questions to your satisfaction...



I hope this helps to answer your questions. I don't think I can provide anymore detail.

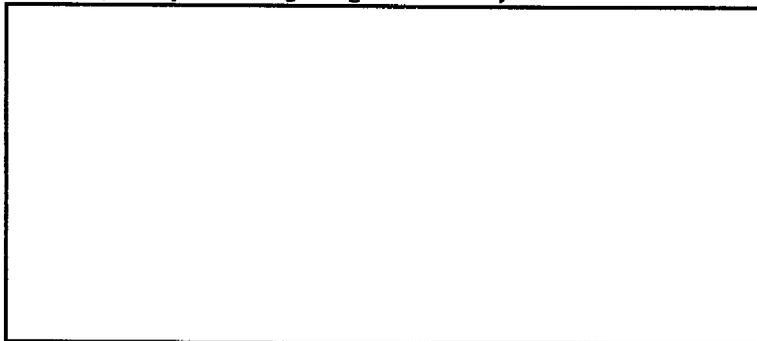
John

-----Original Message-----

From: Finlay, Jacqueline E (CON-NSA) DC309 [mailto:jefinla@nsa.ic.gov]
 Sent: Thursday, September 22, 2005 2:29 PM
 To: [redacted] (CIV-NSA) I01P1
 Subject: (U) Questions on review of 19136

Classification: ~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

John - (U) I just received your review package for case 19136, and I have a couple of vital questions regarding the document you do not want released.



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9/23/2005

DOCID: 3352925

DOCID: 2795170

Page 2 of 2

(U) Jackie Finlay (CON-Merito)

DC309

ste. 6884 SAB2

972-2122 301-688-3575

Classification: UNCLASSIFIED//~~FOR OFFICIAL USE ONLY~~

9/23/2005

CRYPTOME 251 WEST 89TH ST SUITE 6E NEW YORK NY 10024 212-873-8700

Attention: FOIA Office

October 10, 2005

By fax to: 443-479-3612

Pamela N. Phillips
Chief, FOIA/PA Services
FOIA Office (DC321)
National Security Agency
Central Security Service
9800 Savage Road STE 6248
Ft. George G. Meade, MD 20755-6000

Re FOIA Case: 19136

Dear Ms. Phillips,

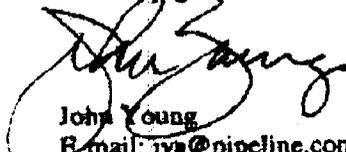
This is a second response to your letter of 30 April 2004 (the first was on February 10, 2005 was not answered) which stated that my FOIA request has been assigned to a Case Officer for processing. I would appreciate learning the timetable for an answer my FOIA request of October 6, 1999:

"Under the Freedom of Information Act I request any and all information and documents on:

The invention, discovery and development of "non-secret encryption" (NSE) and public key cryptography (PKC) by United Kingdom, United States, or any other nation's intelligence and cryptology agencies, prior to, parallel with, or subsequent to, the PKC work of Diffie-Hellman-Merkle."

Thank you very much.

Sincerely,



John Young
E-mail: jya@pipeline.com
Fax: 212-787-6102

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

RECORD OF FREEDOM OF INFORMATION (FOI) PROCESSING COST

Please read instructions on back before completing form.

REPORT CONTROL SYMBOL

AIRS Actual

1. REQUEST NUMBER	2. REQUEST NUMBER (X one)		3. DATE COMPLETED (YYYYMMDD)			
	a. INITIAL	b. APPEAL				
J9022-00						
4. CLERICAL HOURS (E-9/GS-8 and below)		TOTAL HOURS (1)	HOURLY RATE (2)		COST (3)	
a. SEARCH						
b. REVIEW / EXCISING						
c. CORRESPONDENCE AND FORMS PREPARATION			X	\$12.00 =		
d. OTHER ACTIVITY						
5. PROFESSIONAL HOURS (O-1 - O-6/GS-9 - GS-15)		TOTAL HOURS (1)	HOURLY RATE (2)		COST (3)	
a. SEARCH						
b. REVIEW / EXCISING		2				
c. COORDINATION / APPROVAL / DENIAL			X	\$25.00 =	50.00	
d. OTHER ACTIVITY						
6. EXECUTIVE HOURS (O-7 - GS-16 / ES 1 and above)		TOTAL HOURS (1)	HOURLY RATE (2)		COST (3)	
a. SEARCH						
b. REVIEW / EXCISING						
c. COORDINATION / APPROVAL / DENIAL			X	\$45.00 =		
7. COMPUTER SEARCH		TOTAL HOURS (1)	HOURLY RATE (2)		COST (3)	
a. MACHINE HOURS						
b. PROGRAMMER / OPERATOR TIME						
(1) Clerical			X	\$12.00 =		
(2) Professional				\$25.00 =		
8. OFFICE COPY REPRODUCTION		NUMBER (1)	RATE (2)		COST (3)	
a. PAGES REPRODUCED			X	.15 =		
9. MICROFICHE REPRODUCTION		NUMBER (1)	RATE (2)		COST (3)	
a. MICROFICHE REPRODUCED			X	.25 =		
10. PRINTED RECORDS		TOTAL PAGES (1)	RATE (2)		COST (3)	
a. FORMS						
b. PUBLICATIONS						
c. REPORTS			X	.02 =		
11. COMPUTER COPY		NUMBER (1)	ACTUAL COST (2)		COST (3)	
a. TAPE						
b. PRINTOUT			X			
12. AUDIOVISUAL MATERIALS		NUMBER (1)	ACTUAL COST (2)		COST (3)	
a. MATERIALS REPRODUCED			X			
13. FOR FOI OFFICE USE ONLY						
a. SEARCH FEES PAID			f. TOTAL COLLECTABLE COSTS			
b. REVIEW FEES PAID			g. TOTAL PROCESSING COSTS			
c. COPY FEES PAID			h. TOTAL CHARGED			
d. TOTAL PAID			i. FEES WAIVED / REDUCED (X one)		Yes	No
e. DATE PAID (YYYYMMDD)						

* Chargeable to all requesters after application of all waiver criteria.
 ** Chargeable only to commercial requesters.

RECORD OF FREEDOM OF INFORMATION (FOI) PROCESSING COST

Please read instructions on back before completing form.

REPORT CONTROL SYMBOL

1AD Actual

1. REQUEST NUMBER J9022-00		2. REQUEST NUMBER (X one)		3. DATE COMPLETED (YYYYMMDD)	
		a. INITIAL	b. APPEAL		
4. CLERICAL HOURS (E-9/GS-8 and below)		TOTAL HOURS (1)	HOURLY RATE (2)	COST (3)	
a. SEARCH			X \$12.00 =	*	
b. REVIEW / EXCISING				**	
c. CORRESPONDENCE AND FORMS PREPARATION		1		12.00	
d. OTHER ACTIVITY					
5. PROFESSIONAL HOURS (O-1 - O-6/GS-9 - GS-15)		TOTAL HOURS (1)	HOURLY RATE (2)	COST (3)	
a. SEARCH		6	X \$25.00 =	* 150.00	
b. REVIEW / EXCISING				**	
c. COORDINATION / APPROVAL / DENIAL					
d. OTHER ACTIVITY					
6. EXECUTIVE HOURS (O-7 - GS-16 / ES 1 and above)		TOTAL HOURS (1)	HOURLY RATE (2)	COST (3)	
a. SEARCH		1	X \$45.00 =	* 45.00	
b. REVIEW / EXCISING				**	
c. COORDINATION / APPROVAL / DENIAL		1		45.00	
7. COMPUTER SEARCH		TOTAL HOURS (1)	HOURLY RATE (2)	COST (3)	
a. MACHINE HOURS			X	*	
b. PROGRAMMER / OPERATOR TIME				**	
(1) Clerical				\$12.00	*
(2) Professional			\$25.00	*	
8. OFFICE COPY REPRODUCTION		NUMBER (1)	RATE (2)	COST (3)	
a. PAGES REPRODUCED		50	X .15 =	* 12.00	
9. MICROFICHE REPRODUCTION		NUMBER (1)	RATE (2)	COST (3)	
a. MICROFICHE REPRODUCED			X .25 =	*	
10. PRINTED RECORDS		TOTAL PAGES (1)	RATE (2)	COST (3)	
a. FORMS			X .02 =	*	
b. PUBLICATIONS				**	
c. REPORTS					
11. COMPUTER COPY		NUMBER (1)	ACTUAL COST (2)	COST (3)	
a. TAPE			X	*	
b. PRINTOUT				**	
12. AUDIOVISUAL MATERIALS		NUMBER (1)	ACTUAL COST (2)	COST (3)	
a. MATERIALS REPRODUCED			X	*	
13. FOR FOI OFFICE USE ONLY					
a. SEARCH FEES PAID			f. TOTAL COLLECTABLE COSTS		
b. REVIEW FEES PAID			g. TOTAL PROCESSING COSTS		
c. COPY FEES PAID			h. TOTAL CHARGED		
d. TOTAL PAID			i. FEES WAIVED / REDUCED (X one)		Yes No
e. DATE PAID (YYYYMMDD)			* Chargeable to all requesters after application of all waiver criteria. ** Chargeable only to commercial requesters.		

Anchovy Actual

RECORD OF FREEDOM OF INFORMATION (FOI) PROCESSING COST

Please read instructions on back before completing form.

REPORT CONTROL SYMBOL

1. REQUEST NUMBER J 9022-00		2. REQUEST NUMBER (X one)		3. DATE COMPLETED (YYYYMMDD)	
		a. INITIAL	b. APPEAL		
4. CLERICAL HOURS (E-9/GS-8 and below)		TOTAL HOURS (1)		HOURLY RATE (2)	
a. SEARCH				X \$12.00	
b. REVIEW / EXCISING					
c. CORRESPONDENCE AND FORMS PREPARATION					
d. OTHER ACTIVITY					
5. PROFESSIONAL HOURS (O-1 - O-8/GS-9 - GS-15)		TOTAL HOURS (1)		HOURLY RATE (2)	
a. SEARCH		.75		X \$25.00	
b. REVIEW / EXCISING					
c. COORDINATION / APPROVAL / DENIAL					
d. OTHER ACTIVITY					
6. EXECUTIVE HOURS (O-7 - GS-16 / ES 1 and above)		TOTAL HOURS (1)		HOURLY RATE (2)	
a. SEARCH				X \$45.00	
b. REVIEW / EXCISING					
c. COORDINATION / APPROVAL / DENIAL					
7. COMPUTER SEARCH		TOTAL HOURS (1)		HOURLY RATE (2)	
a. MACHINE HOURS					
b. PROGRAMMER / OPERATOR TIME				X	
(1) Clerical				\$12.00	
(2) Professional		.25		\$25.00	
8. OFFICE COPY REPRODUCTION		NUMBER (1)		RATE (2)	
a. PAGES REPRODUCED				X .15	
9. MICROFICHE REPRODUCTION		NUMBER (1)		RATE (2)	
a. MICROFICHE REPRODUCED				X .25	
10. PRINTED RECORDS		TOTAL PAGES (1)		RATE (2)	
a. FORMS				X .02	
b. PUBLICATIONS					
c. REPORTS					
11. COMPUTER COPY		NUMBER (1)		ACTUAL COST (2)	
a. TAPE				X	
b. PRINTOUT					
12. AUDIOVISUAL MATERIALS		NUMBER (1)		ACTUAL COST (2)	
a. MATERIALS REPRODUCED				X	
13. FOR FOI OFFICE USE ONLY					
a. SEARCH FEES PAID				i. TOTAL COLLECTABLE COSTS	
b. REVIEW FEES PAID				g. TOTAL PROCESSING COSTS	
c. COPY FEES PAID				h. TOTAL CHARGED	
d. TOTAL PAID				i. FEES WAIVED / REDUCED (X one)	
e. DATE PAID (YYYYMMDD)				Yes No	

* Chargeable to all requesters after application of all waiver criteria.
 ** Chargeable only to commercial requesters.

Finlay, Jacqueline E (CON-NSA) DC309

From: Phillips, Pamela Norris (CIV-NSA)DC34
Sent: Monday, October 24, 2005 8:31 AM
To: Finlay, Jacqueline E (CON-NSA) DC309
Cc: Bowser, Ira Jackson (CON-NSA) DC309; Schroyer, Patricia Lee (CON-NSA) DC309
Subject: RE: (U) 19136 Fees - final estimation problems
Signed By: pnphill@nsa.ic.gov
Classification: UNCLASSIFIED//~~FOR OFFICIAL USE ONLY~~

Hooray! I think we've finally got it. Just document this in the M/R and proceed.
 Pamela

(U)
 Pamela N. Phillips
 Chief, DC34
 Freedom of Information Act/Privacy Act Office
 Ops2B8118, Suite 6248 pnphill@nsa
 963-5827s 301-688-6527 (U)

-----Original Message-----

From: Finlay, Jacqueline E (CON-NSA) DC309
Sent: Monday, October 24, 2005 7:30 AM
To: Phillips, Pamela Norris (CIV-NSA)DC34
Cc: Bowser, Ira Jackson (CON-NSA) DC309; Schroyer, Patricia Lee (CON-NSA) DC309
Subject: RE: (U) 19136 Fees - final estimation problems

Classification: UNCLASSIFIED//~~FOR OFFICIAL USE ONLY~~

Pamela - (U) I went over the numbers again, comparing with the amounts that you had recommended/agreed to below, and found I'd left off one hour for STINFO. Corrected, the final numbers are as follows:

SEARCH: DDO (10 pro; 6 exec) DDT (.5 pro) DDI (6 pro; 1 Exec) DDS [all pro] (.5-BLUELAKE, 2-AIRS, .5-ANCHORY, 1-STINFO) **TOTAL HRS = 20.5 pro & 7 exec**

- 2 hrs pro = 18.5 pro & 7 exec

18.5 x \$25 = \$462.50

7 x \$45 = \$315.00

Time 10 min. x \$2.98 = \$ 29.80

180 Pages -100 free = 80 Pages x \$.15 = \$ 12.00

TOTAL \$ 819.30

This is the same number that HV came up with. Subtracted from the \$4902 he paid, leaves a

10/24/2005

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refund of \$4082.70.

Does this look correct to you? I am going to enter these figures in all the letters/MRs. With your blessing, I will then forward the letters to be mailed.

(U) Jackie Finlay (CON-Merito)
DC309
ste. 6884 SAB2
972-2122 301-688-3575

-----Original Message-----

From: Phillips, Pamela Norris (CIV-NSA)DC34
Sent: Friday, October 21, 2005 2:32 PM
To: Finlay, Jacqueline E (CON-NSA) DC309
Cc: Bowser, Ira Jackson (CON-NSA) DC309; Schroyer, Patricia Lee (CON-NSA) DC309; Phillips, Pamela Norris (CIV-NSA)DC34
Subject: RE: (U) 19136 Fees - final estimation problems

Classification: UNCLASSIFIED//~~FOR OFFICIAL USE ONLY~~

Jackie,

Good summary. See below for my recommendations. I don't think he should be penalized for our poor record keeping. You should enter my rationale for each in your recap in the final MR later so that if we are challenged, we can show how we arrived at the figures. Let me know what our final amount we're refunding is. Thanks for all your work on this today.

Pamela

(U)
Pamela N. Phillips
Chief, DC34
Freedom of Information Act/Privacy Act Office
Ops2B8118, Suite 6248 pnphill@nsa
963-5827s 301-688-6527 (U)

-----Original Message-----

From: Finlay, Jacqueline E (CON-NSA) DC309
Sent: Friday, October 21, 2005 1:55 PM
To: Phillips, Pamela Norris (CIV-NSA)DC34
Cc: Bowser, Ira Jackson (CON-NSA) DC309; Schroyer, Patricia Lee (CON-NSA) DC309
Subject: (U) 19136 Fees - final estimation problems

Classification: UNCLASSIFIED//~~FOR OFFICIAL USE ONLY~~

Pamela - (U) The results of todays research into Fees are as follows. (I need a little help with a few things.)

(b) (3) - P.L. 86-36

DDO [redacted] found about [redacted] They estimated 10 hrs. pro search and 6 hrs. exec. search.
DDT (R21) found [redacted] and had an estimate of .5 hours pro search.
I am going to use these estimate numbers as actual for DDO and DDT because they seem reasonable. OK.

(b) (3) - P.L. 86-36

(b) (5)

10/24/2005

DDP (N5P6) did not find any records as far as I can tell. They estimated 2 hrs pro search. I am not going to enter anything for them. OK

DDI (C1 & I1) found [redacted] but had a combined estimate of 28 hrs. pro search and 4 hrs. exec search. That seems like too much. **What amount should I enter on the Fee page for them?** Agree that it sounds like way too much. I think that the 2086 you found that had 6 hrs pro search and 1 hr exec is probably this. Most others didn't intend to use execs to search.

(b) (3) - P.L. 86-36
(b) (5)

DDS (BLUELAKE, STINFO, AIRS, ANCHORY):

BLUELAKE found [redacted] and provided an actual search time of .5 hrs. pro search, which I am going to enter. OK.

AIRS found 7 docs and its estimate was for 30 hrs search. That seems too much. **What number should I use?** Agree that is sounds way too high. I think the 2086 that you found for 2 hrs pro search sounds like a reasonable AIRS search, considering their usual pattern.

ANCHORY found records [redacted] They had two estimates, one saying .75 hrs. pro search and .25 hrs. machine operator time, and the other saying .5 hrs. pro search and 10 min. machine time. **What numbers should I enter?** The second sounds more like Sandy's usual amount of time for easy searches.

STINFO also found records [redacted] Their estimate was for 40 hrs. pro search, which seems too much. **What number should I use?** Agree that it sounds like way too much. Since we can't find a sheet, go with 1 hour, which the initial team said sounds like their average searches..

In addition, there were two 2086s that may be actual times, since they did not match any estimates. One was for 2 hrs pro search, and the other was for 6 hrs. pro search, and 1 hr exec search. I could enter these numbers on the principle that they represent all the fruitless searches. **What do you think?** See above.

Thank you for your advice. I don't want to create any problems if there's litigation.

(U) Jackie Finlay (CON-Merito)
DC309
ste. 6884 SAB2
972-2122 301-688-3575

Classification: UNCLASSIFIED//~~FOR OFFICIAL USE ONLY~~

Finlay, Jacqueline E (CON-NSA) DC309

From: Phillips, Pamela Norris (CIV-NSA)DC34
Sent: Monday, October 24, 2005 10:07 AM
To: Finlay, Jacqueline E (CON-NSA) DC309; [REDACTED] (CIV-NSA) DC3
Cc: Bowser, Ira Jackson (CON-NSA) DC309; Schroyer, Patricia Lee (CON-NSA) DC309
Subject: RE: (U) FOIA Case 19136
Signed By: pnphill@nsa.ic.gov

Classification: UNCLASSIFIED//~~FOR OFFICIAL USE ONLY~~

Jackie,

Normally, for the internal memos, the CO just prints it out themselves and signs the hard copy. Once Deb sends the status letter out and reassigns the case to you, you can print the memo, sign it, and ship it off to Finance. Thanks.

Pamela

(U)

Pamela N. Phillips

Chief, DC34

Freedom of Information Act/Privacy Act Office

Ops2B8118, Suite 6248 pnphill@nsa

963-5827s 301-688-6527 (U)

-----Original Message-----

From: Finlay, Jacqueline E (CON-NSA) DC309
Sent: Monday, October 24, 2005 9:49 AM
To: [REDACTED] (CIV-NSA) DC3
Cc: Bowser, Ira Jackson (CON-NSA) DC309; Schroyer, Patricia Lee (CON-NSA) DC309; Phillips, Pamela Norris (CIV-NSA)DC34
Subject: (U) FOIA Case 19136

Classification: UNCLASSIFIED//~~FOR OFFICIAL USE ONLY~~

Deb - (U//~~FOUO~~) - I have reassigned 19136 to [REDACTED] so that you can send out two items. One is a Finance Refund Memo to the Finance Office, and one is a response to the requester on his recent status request. Please see the items to go out (in Response Letters), named "Finance Refund Memo" and "xcase Status ltr". I notice the memo to Finance has my name as signer, but I can't put a signature block on it. Since Pamela drafted it, I assume it can go as is. Pamela has already signed the status letter. There are no attachments to these items.

(U) Jackie Finlay (CON-Merito)
 DC309
 ste. 6884 SAB2
 972-2122 301-688-3575

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 05-28-2008, FOIA Case # 47886

11/3/2005



NATIONAL SECURITY AGENCY
CENTRAL SECURITY SERVICE
FORT GEORGE G. MEADE, MARYLAND 20755-6000

FOIA Case: 19136C
25 October 2005

Mr. John Young
Cryptome
251 West 89th St., Suite 6E
New York, NY 10024

Dear Mr. Young:

This responds to your 10 October 2005 letter requesting the status of your Freedom of Information Act (FOIA) request of 6 October 1999. In a letter, received via facsimile on 8 September 2001, the scope of your request was narrowed to be for "documents in the year 1970 concerning 'non-secret digital encryption' described in the paper by J H Ellis, 'The Possibility of Secure Non-Secret Digital Encryption,' CESG Report, January 1970, and documents concerning public key cryptography by the USA or other nations;" and "Should NSA have no documents about 'non-secret digital encryption' and public key cryptography for the year 1970, then I request documents on the topics from the earliest year other than 1970."

Records responsive to your request include documents originating with other government agencies, as well as documents that require consultation with other government agencies. Because we are unable to make determinations as to the releasability of other agencies' information, some documents have been referred to another agency for review and direct response to you. Other documents have been referred for consultation and response to this Agency. Our review is nearly complete, and we will provide a final response to your request when the final consultation has been completed. We appreciate your patience during this external review and consultation process.

In the meantime, we have calculated the actual costs that were incurred by the various Agency organizations that searched for information responsive to your request and determined that the actual costs were significantly less than the estimate. You will be sent a refund of \$4082.70 under separate cover.

Sincerely,

A handwritten signature in black ink, appearing to read "Pamela N. Phillips".

PAMELA N. PHILLIPS
Chief
FOIA/PA Office

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05-28-2008, FOIA Case # 47886

UNCLASSIFIED

FOIA Case: 19136C

M/R: (U) CASE STATUS

(U) The attached letter responds to John Young's letter dated 10 October 2005 inquiring about the status of his request. Currently, the scope of his request is for "documents in the year 1970 concerning 'non-secret digital encryption' described in the paper by J H Ellis, 'The Possibility of Secure Non-Secret Digital Encryption,' CESG Report, January 1970, and documents concerning public key cryptography by the USA or other nations;" and "Should NSA have no documents about 'non-secret digital encryption' and public key cryptography for the year 1970, then I request documents on the topics from the earliest year other than 1970."

(U) We inform Mr. Young that documents have been referred to another organization for direct response, and others have been referred for consultation and return to NSA. Our review is near completion upon receipt of the external review. We also calculated that the cost estimate he paid for was significantly higher than the actual costs, so we inform him that he will be refunded \$4107.70 under separate cover. We did not want to wait for the case to be complete since he had overpaid so much (and we've held it for several years). We have held back enough funds to cover the estimated duplication of 180 pages (100 free). We concurrently send a memo to Finance to refund the money.

(U) Mr. Young paid \$4902.00. Actual costs are:

manual search	\$827.50
less 2 hours (at \$25/hour)	- \$50.00
equals	\$777.50
plus Anchory search cost	\$29.80
plus duplication (180 page - 100 = 80 x \$.15)	\$12.00
TOTAL	\$819.30

\$4902.00 - \$819.30 = \$4082.70 refunded.

(U) Pamela N. Phillips, Ch/DC34, 963-5827, 21 October 2005

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05-28-2008, FOIA Case # 47886

UNCLASSIFIED



~~SECRET//MR~~

NATIONAL SECURITY AGENCY
CENTRAL SECURITY SERVICE
FORT GEORGE G. MEADE, MARYLAND 20755-6000

FOIA Case: 19136-R1
25 October 2005

GCHQ G2 MAILS
Cheltenham, England

[Redacted]

(b) (1)

Dear [Redacted]

(U) This office is in receipt of a FOIA request (**Encl A**) from Mr. John Young requesting records on the invention, discovery and development of "non-secret encryption" (NSE) and public key cryptography (PKC) by United Kingdom, United States or any other nation's intelligence and cryptology agencies, prior to, parallel with, or subsequent to the PKC work of Diffie-Hellman-Merkle, which was received by this agency on 16 November 2000.

(U) In our review of NSA records responsive to the above request, we located 3 documents that originated with GCHQ (**Encl B**).

(U) Please review your information and return the documents to us making any deletions you deem appropriate, and stating the current and proper level of any classified information. In your response, please cite the date of this memo, the name of the requester, and the NSA case number. If there are any other British organization's equities that need review, please coordinate the review with the appropriate offices prior to your reply. We will respond to the requester, withholding any information that requires protection.

[Redacted]

Declassify upon removal of enclosures.

(b) (3) - P.L. 86-36
(b) (5)

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

~~SECRET//MR~~

~~SECRET//MR~~

FOIA Case: 19136-R1

(U) If you have any questions concerning this referral, please contact Jackie (contractor) on the secure line at 972-2122s. The response should be forwarded to DC34, Ops2B8118, Suite 6248.

Sincerely,

A handwritten signature in cursive script, appearing to read "Pamela N. Phillips".

PAMELA N. PHILLIPS
Chief
FOIA/PA Office

Encls:
a/s

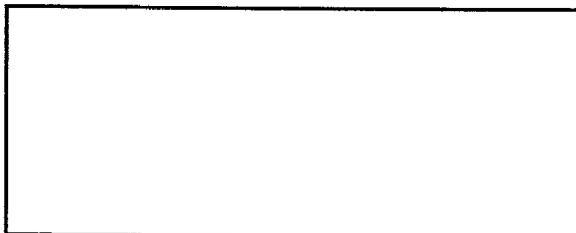
~~SECRET//MR~~

~~SECRET//NOFORN//MR~~



NATIONAL SECURITY AGENCY
CENTRAL SECURITY SERVICE
FORT GEORGE G. MEADE, MARYLAND 20755-6000

FOIA Case: 19136-R2
25 October 2005



(b)(3)
(b)(5)
OGA

(U) This office is in receipt of a FOIA request (**Encl A**) from Mr. John Young requesting records on the invention, discovery and development of "non-secret encryption" (NSE) and public key cryptography (PKC) by United Kingdom, United States, or any other nation's intelligence and cryptology agencies, prior to, parallel with, or subsequent to the PKC work of Diffie-Hellman-Merkle, which was received by this agency on 16 November 2000.

(U) In our review of NSA records responsive to the above request, the following was surfaced:

(U) For your direct response to the requester:

documents which originated with your agency (**Encl B**). We will advise the requester of this referral.

(U) We have identified the NSA-originated information in the documents and have no objection to its release.

(U) If you have any questions concerning this referral, please contact Jackie (contractor) at (301) 688-3575.

Sincerely,

PAMELA N. PHILLIPS
Chief
FOIA/PA Office

Encls:
a/s

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

Declassify upon removal of
enclosures.

~~SECRET//NOFORN//MR~~

UNCLASSIFIED

FOIA Case: 19136R1
and 19136R2

M/R: (U) **INTERIM ACTION - External Referrals to GCHQ**

(U) **REQUEST SUMMARY:** The attached letters relate to Mr. John Young's narrowed FOIA request of 8 September 2001 for:

- Documents in the year 1970, or the earliest year other than 1970, concerning "non-secret digital encryption" as described in the paper by J. H. Ellis, "The Possibility of Secure Non-Secret Digital Encryption," CESG Report, January 1970;
- Documents concerning public key cryptography by the USA or other nations.

(U) **CASE HISTORY:** This case is the result of a resubmission of a 6 October 1999 request originally assigned J9022-00, which was closed 13 December 1999 for non-payment of search estimate fees. The requester lost our 10 November 1999 letter asking for payment of those fees, and on 6 October 2000 he requested another copy of the letter, saying he wanted to pay. We explained the situation, and told him he'd have to resubmit. After receiving his 16 November 2000 resubmission, we did an update to the search estimate for the time lapse between the first request and the resubmission, and came up with a revised cost estimate (previous search estimate plus search estimate for update period), which the requester paid 23 April 2001. We then started processing the new case (19136) with an actual search starting 26 April 2001. In response to a phone conversation with the FOIA Office, the requester narrowed his request by specifying documents in the year 1970 (or earliest year other than 1970) concerning "non-secret digital encryption" described in the paper by J. H. Ellis, "The Possibility of Secure Non-Secret Digital Encryption," CESG Report, January 1970, and documents concerning public key cryptography by the USA or other nations. This caused the case to be changed from the HQ to the EQ.

(b)(3)
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(U) **NOTES ON ORGANIZATION OF CORRESPONDENCE:**

Correspondence #1-24 concern case 19136 (J0490-01), and are dated starting in March 2001. Items 25-105 concern the previous case J9022-00, date from 6 October 1999 till about February 2001, when case 19136 really began, and are there for background. Correspondence regarding 19136 added later start at #106.



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FOIA Case: 19136
and 19136R2

(U) I am also referring three documents originated by GCHQ for their review and return to us. These documents do not contain NSA equities.

1. "The Authentication Problem" (A597210/597210)
2. "An Identity Based Public Key System" (A597112/597112)
3. "The Story of Non-Secret Encryption", by J. H. Ellis.
(A2435313/2435313)



(U) Jackie Finlay (contractor), DC309, 972-2122, 7 September 2004
(U) *italics added by pnphill 10/19/05*

PRINTING INSTRUCTIONS:



(b)(3)
(b)(5)
OGA

Letter to GCHQ (R1):
Encl A: copy of narrowed request letter (Correspondence # 21)
Encl B: Docs A597210/597210, A2435313/2435313, and
A497112/597112, *unsealed* copies

*Status Letter to Mr. Young (xcase Status ltr):
No enclosures*

After sending referrals and status letter, reassign case to JEGRUBE for suspense.

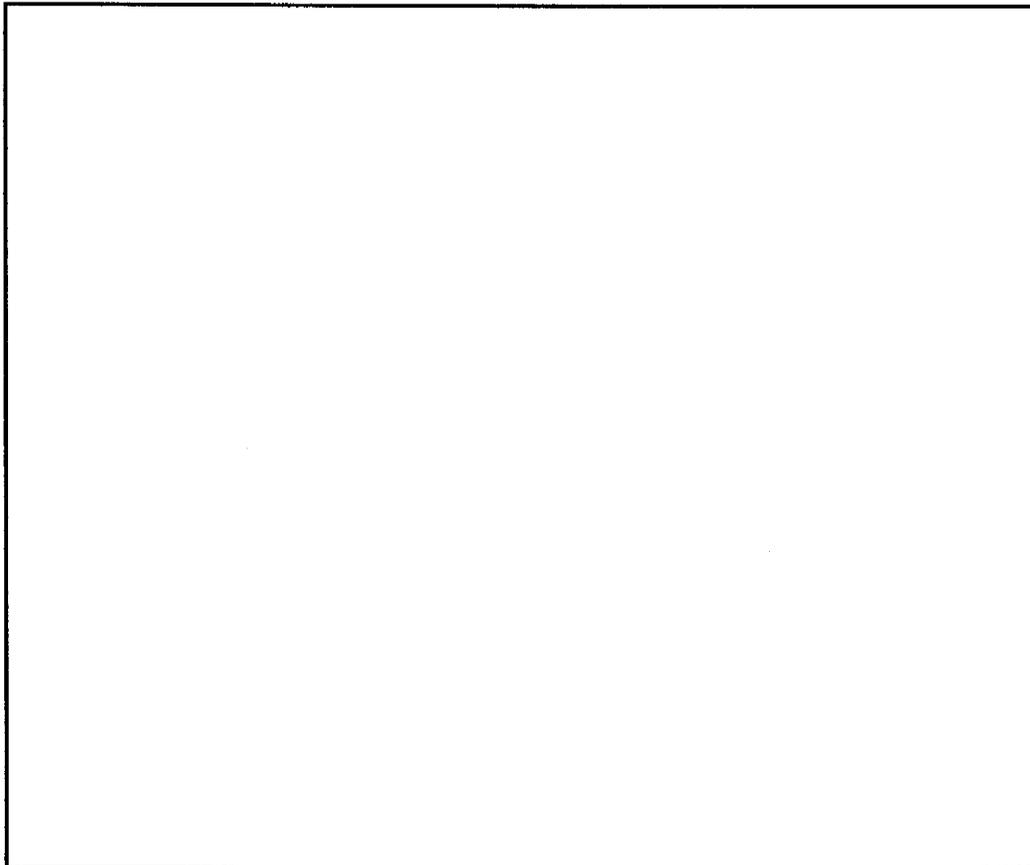
Finlay, Jacqueline E (CON-NSA) DC309

From: Phillips, Pamela Norris (CIV-NSA)DC34
Sent: Wednesday, November 16, 2005 2:25 PM
To: Finlay, Jacqueline E (CON-NSA) DC309
Cc: Schroyer, Patricia Lee (CON-NSA) DC309
Subject: (U) FW: NSA FOIA Case 19136-R1 dated 25 October 2005
Signed By: pnphill@nsa.ic.gov
Classification: ~~CONFIDENTIAL//20201123~~

Jackie,
Your response from the UK.
Pamela

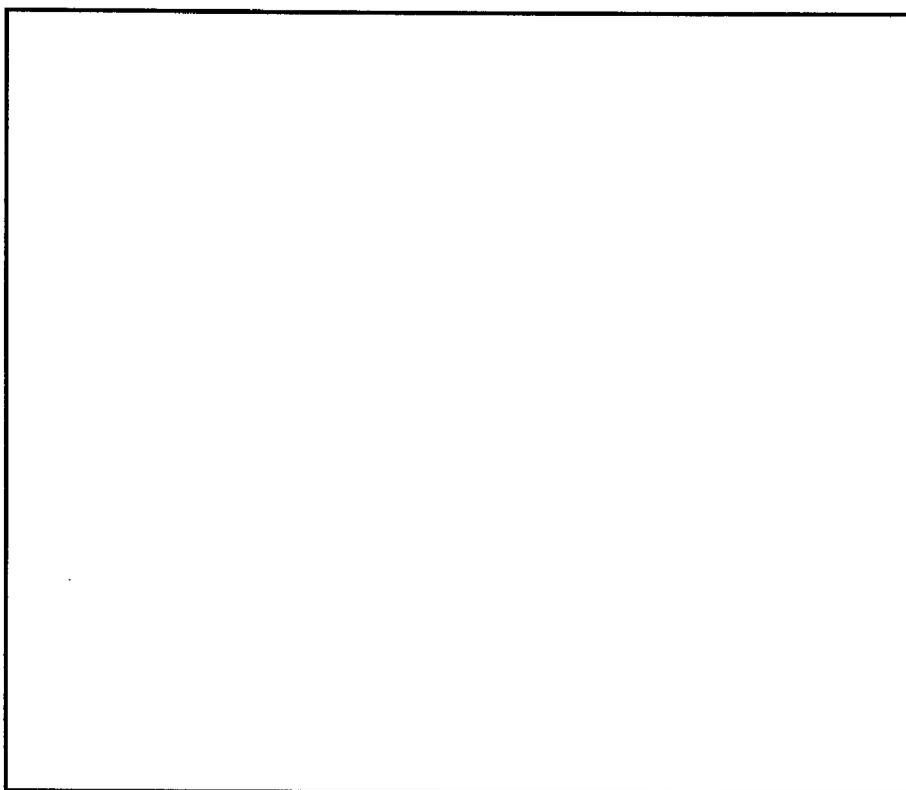
(b) (1)
(b) (3) - P.L. 86-36

(U)
Pamela N. Phillips
Chief, DC34
Freedom of Information Act/Privacy Act Office
Ops2B8118, Suite 6248 pnphill@nsa
963-5827s 301-688-6527 (U)



11/16/2005

Approved for Release by NSA on
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(b) (1)
(b) (3) - P.L.
86-36

Derived From: NSA/CSSM 1-52

Dated: 20041123

Declassify On: 20291123

Classification: ~~CONFIDENTIAL/20291123~~

UNCLASSIFIED

UNITED STATES GOVERNMENT
memorandum

FOIA Case: 19136

DATE: 18 November 2005

REPLY TO
ATTN OF: DC34SUBJECT: (U) Refund to FOIA Requester - **ACTION MEMORANDUM**

TO: DF233

1. (U) Pamela Phillips, Chief DC34, requests that a check be prepared in the amount of \$4082.70 as a refund of overpayment for processing of FOIA Case 19136.

2. (U) Mr. Young paid \$4902.00 on 21 April 2001 for estimated search costs to process his FOIA request. His request has been waiting to be processed. Final review is nearly complete, and upon review of the actual costs incurred by various Agency organizations, we realized that Mr. Young had significantly overpaid.

3. (U) These the following expenses were incurred during processing of the request for information:

Professional Search: 20.5 hrs. @ \$25.00	\$512.50
Executive Search: 7 hr. @ \$45.00	\$ 315.00
Computer Search:	\$ 29.80
Subtotal:	\$857.30
Less 2 free hours of search @ \$25.00	- \$ 50.00
Total Search:	=\$807.30
Duplication of Pages: 80 @ \$.15 per page	\$ 12.00
TOTAL Costs:	= \$819.30

4. (U) The requester has been informed that a refund in the amount of \$4082.70 will be sent to him under separate cover. The payment should be sent to:

Mr. John Young
 Cryptome
 251 West 89th St., Suite 6E
 New York, NY 10024

(U) JACKIE FINLAY
 (Contractor)
 FOIA Reviewer
 DC309, 972-2122

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Approved for Release by NSA on 05-28-2008, FOIA Case # 47886

CaseNumber:0490-01 Year: 2001

Comments:Previous request related to this J9022-00 was closed as req did not pay costs. Closed case is with this case. Updated search completed from his last request J9022-00 to November 2000 when 2nd req received. Owed \$3250.00 - now with update (1,652.31) owes \$4,880.00. Spoke to req 3/20-will send ltr as he agrees to pay now.

Approved for Release by NSA on
05-28-2008, FOIA Case # 47886

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ONLY

CaseNumber:0490-01 Year: 2001

Comments: Previous request related to this J9022-00 was closed as req did not pay costs. Closed case is with this case. Updated search completed from his last request J9022-00 to November 2000 when 2nd req received. Owed \$3250.00 - now with update (1,652.31) owes \$4,880.00. Spoke to req 3/20-will send ltr as he agrees to pay now.

Original letter from closed case is correspondence item 2.

Requester's new letter is correspondence item 121. Payment letter is correspondence item 6.

7/3/01 - This Case DUPE of 15956. Will process Case in 19136;vlm

7/6/01 - Materials and Responsive docs sent to scanners; [redacted] responsive to case in Flipper at Linda's desk; need to send letter to Req when scanning complete that case will be processed in EQ.vlm

(b) (3) - P.L. 86-36
(b) (5)

7/16/01 - Rec part of docs back from scanners due to confusion of case number. Corrected Case number from 19326 to 19136 and returned to scanners. Send ltr to Req re [redacted] when scan complete;vlm

7/31/01 - All docs back from scanners

8/1/01 - [redacted] to PNP for apprv/sign

(b) (3) - P.L. 86-36
(b) (5)

Viv- see notes on M/R and letter. This should be HQ. 8/6/01 - PNP

8/7/01 - [redacted] back to PNP for appr;vlm

(b) (3) - P.L. 86-36
(b) (5)

Signed 8/7/01 - PNP

8/8/01 - Ltr to Angie for mailing;vlm

8/20/01 - Faxed resposne rec fm requester to narrow scope; case file at my desk as of 9/4/01;vlm

Viv - somehow flag which documents are actually responsive to the narrowed request.

[redacted]

EQ letter signed 9/18/01 - PNP

9/18/01 - EQ ltr to Lu for mailing;vlm

10/12/01 - Sent to EQ for final processing;vlm

5/23/03 - Received fax from Mr. Young today wanting to know status of his request in light of the fact that the new FOIA reg was published in the Federal Register today as an interim final rule. I explained that his request would still be in the EQ, and is now #45. He said that he'd never been told where it was before, so that didn't really translate to him if that was a good place to be or not. I explained that there are several hundred requests in the queue, so that he is nearing the top. He said that was fine, that he was patient and would look forward to a reponse. - fax sent over to be scanned into correspondence. - PNP

5/15/03 - Per Deb S. and Linda L. the HC docs associated with this case was placed in the bottom flipper where the old "WAIT" flippers are located.vlm

12/15/03-sent email to Nancy and Ira asking if they want hard copies of these docs located in bottom flipper draw of old "wait" drawer. Will wait for their response before moving hard copies some where. dllockw

4/20/04 - Rcvd status inquiry. ijbowse

4/29/04 - Sent to senior contractor reviewer for review. ijbowse

29 April 2004 - Reviewed, approved, and released for government review in response to requester status query. ntbrigg

(U) 4/29/04-rllerne-Signed status letter.

Printing instructions:

Letter to requester with enclosures (correspondence letter 2 and correspondence letter 127)

4/30/04: Requester letter/correspondence printed and given to Secretary for mailing.vlm

5/6/04: REASSIGNED TO CO for SUSPENSE.vlm

[Redacted]

Also am working on final M/R, which covers more. Total search costs seem to be way below estimate requester paid for. Think he will get most of his money back.

[Redacted]

[Redacted] - jefinla

(b) (3)-P.L. 86-36

9/17/04: Reviewed and returned to Jackie for release of referrals. ijbowse

(b) (3)
(b) (5)
OGA

11/04/04: (U) Reviewed and passed to ntbriggs. plschro

4 November 2004 - Reviewed and added to case notes. Released back to plschro. ntbrigg

11/04/04 - (U) Returned to CO (jefinla) for minor changes. plschro

[Redacted]

11/05/04 - (U) Reviewed and returned to Jackie for release to senior contractor reviewees. ijbowse

(b) (3)-P.L. 86-36

11/5/04: (U) Fixed [Redacted] queue. jefinla

[Redacted]

Returning to review

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11/05/04 - (U) [redacted] returned to Jackie for add'l changes.
plschro

(b)(3)-P.L. 86-36

11/5/04: (U) Fixed all changes, [redacted]
[redacted] - jefinla

11/08/04 - (U) Reviewed, approved and released for government review. plschro

(U) 3/17/05 - approved to remove from Approval workflow prior to data migration - case will need to be resubmitted for approval at a later date - ntbrigg

EXT. REFERRALS - PRINTING INSTRUCTIONS:

[redacted]

(b) (3)
(b) (5)
OGA

Letter to GCHQ

Encl A: copy of narrowed request letter (Corres. #21)

Encl B: docs [redacted] - hatch-marked copies

(b) (3)-P.L. 86-36

(U) 2/10/05 - rec'd a letter from requester asking the status. - mgstupa

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DOCID: 3352947

(U) 3/14/05 - drafted letter and MR. Asked PNP to review and sign it - mgstupa

DOCID: 3352947

Case Comment created by Jacqueline E. Grubel on 09-23-2005 01:58

IAD responded re docs:

[Redacted]

(b) (3)-P.L. 86-36
(b) (5)

[Redacted]

[Redacted]

Have made redactions.

Case Comment created by Pamela N Phillips on 10-21-2005 10:16

(U) Signed GCHQ [redacted] referrals. Updated status MR and letter and signed. Jackie needs to verify actual costs and update figures in those. Prepared memo to Finance. Again, Jackie needs to update figures. Update fee tab with final amounts, and add to your final MR what the actuals costs are and how we came up with them.

(b) (3)
(b) (5)
OGA

DOCID: 3352947

Case Comment created by Jacqueline E. Grubel on 10-24-2005 09:50

Sent to [redacted] for mailing of Status response letter and memo to finance asking for refund to requester

(b) (3)-P.L. 86-36

~~DOCID: 3352947~~

Case Comment created by [redacted] on 10-25-2005 10:45

(U) Printed referral ltrs. [redacted] and GCHQ. Printed verify ltr for requester.

Passed to Pamela to review.

(b) (3)
(b) (5)
OGA

DOCID: 3352947

Case Comment created by Jacqueline E. Grubel on 11-16-2005 03:33

(U) GCHQ response received by email.

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DOCID: 3352947

Case Comment created by Jacqueline E. Grubel on 11-18-2005 07:39

(U) Mailed letter to DF233, suite 6858, Fanx II requesting refund check be sent

DOCID: 3352947

Case Comment created by Jacqueline E. Grubel on 11-22-2005 08:49

(U) GCHQ clarified their response, in response to CO questions.