

NNSA Equities

(b) (6)

(b) (3) (A)

(b) (6)

(b) (6)

(b) (6)

(b) (6)

NNSA Equities

From: (b) (6) DOE HQ USA GOV
To: (b) (6) DOE HQ USA GOV
Subject: FW: (U//FOUO) NIC Response
Date: Friday, August 12, 2022 1:36:00 PM
Attachments: 20220804_DOELetter_postCoord_SJL_DAP.docx

Classification: (b) (3) (A)

Classified By: (b) (6) , Technical Advisor
Derived From: CG-IN-2 DOE OC
Declassify On: 20471231

From: (b) (6) DOE HQ USA GOV (b) (6)
Sent: Friday, August 12, 2022 1:33 PM
To: (b) (6) DOE LLNL USA CTR (b) (6) DOE HQ USA
GOV (b) (6) DOE LLNL USA CTR
(b) (6) DOE HQ USA GOV (b) (6)
(b) (6) DOE LLNL USA CTR (b) (6)
Subject: RE: (U//FOUO) NIC Response

Classification: (b) (3) (A)

Classified By: (b) (6)
Derived From: CG-IN-2 DOE OC
Declassify On: 20471231

This is what I would propose sending back to (b) (6) along with a plea to let us have until early next week to get more clarify from (b) (6) Let me know what you think.

(b) (6)
(b) (6) , Foreign Nuclear Programs Division
DOE-IN
Office: (b) (6)
Secure: (b) (6)
Govt Cell: (b) (6)

From: (b) (6) DOE HQ USA GOV
Sent: Friday, August 12, 2022 10:58 AM
To: (b) (6) DOE LLNL USA CTR (b) (6) DOE HQ USA
GOV (b) (6) DOE LLNL USA CTR
(b) (6) DOE HQ USA GOV (b) (6)
Cc: (b) (6) DOE LLNL USA CTR (b) (6)
Subject: RE: (U//FOUO) NIC Response

Classification: (b) (3) (A)

Classified By: (b) (6)

Derived From: CG-IN-2 DOE OC

Declassify On: 20471231

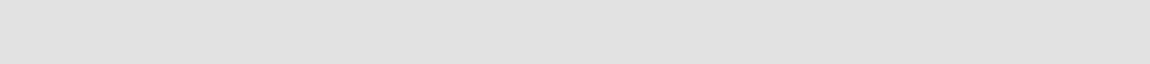
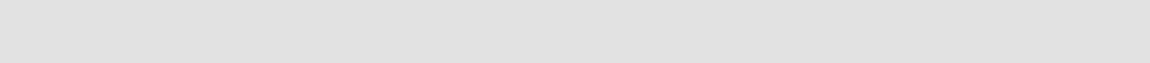
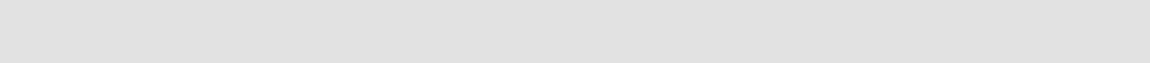
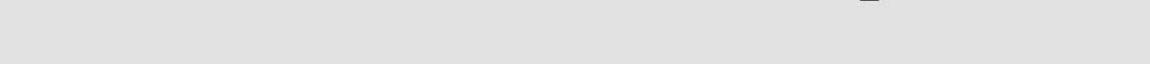
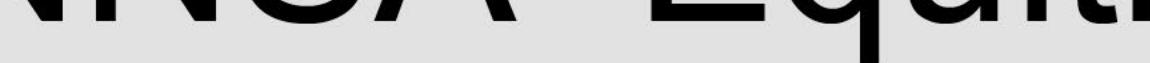
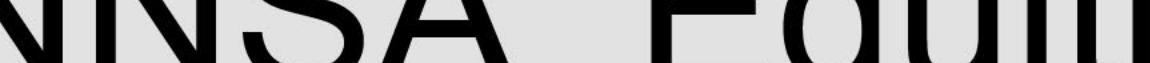
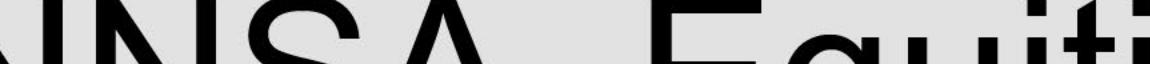
=====

(b) (6)

(b) (1) (A)



(b) (1) (A)



Thanks.

(b) (6)

(b) (6) , Foreign Nuclear Programs Division

DOE-IN

Office: (b) (6)

Secure:(b) (6)

Govt Cell: (b) (6)

NNSA Equities

NNSA equities

From: (b) (6) DOE HQ USA GOV (b) (6)
Sent: Thursday, August 11, 2022 9:48 AM
To: (b) (6) DOE LLNL USA CTR (b) (6) DOE
LLNL USA CTR (b) (6) DOE HQ USA GOV
(b) (6)
Cc: (b) (6) DOE HQ USA GOV (b) (6) DOE LLNL USA
CTR (b) (6)
Subject: RE: (U//FOUO) NIC Response

Classification: (b) (3) (A)

Classified By: (b) (6) Technical Advisor
Derived From: CG-IN-2 DOE OC
Declassify On: 20471231

=====
Hi (b) (6)

We are following up on the NIC response to the HPSCI request. I am attaching the request that you didn't see previously and the latest draft response. We would like you to review the draft and, in particular, ask you to respond to (b) (6) comment in the second paragraph. (b) (6) is asking for our review by noon tomorrow (we will try to negotiate an extension since you will likely not see this

before 9 AM PDT). Generally, we would like to know what you think about the memo. As (b) (6) pointed out, the one thing the memo still doesn't say is what the intended meaning was for the language that is causing confusion. That could go a long way, we think, to satisfy the requestors.

We still stand by the original "Q and A" work and we are just attempting be as transparent and responsive to the NIC and the HPSCI as possible. Thanks, (b) (6) . I can give you a call tomorrow.

(b) (6)

NNSA Equities

NNSA Equities

From: (b) (6) DOE HQ USA GOV (b) (6)

Sent: Thursday, August 4, 2022 12:00 PM

To: (b) (6) DOE LLNL USA CTR (b) (6)

DOE UNI

USA CTR(b) (6)

DOE HQ USA GOV

(b) (6)

DOE HQ USA GOV <(b) (6)

(b) (5) Subject: BE: (U//EQUO) NIC Response

Classification: (b) (3) (A)

Classified By: (b) (6) Branch Chief

Derived From: CG-IN-2 DOE OC

Declassify On: 20471231

Here's my intended response, which I plan on sending tomorrow late morning. Happy to take in everyone's thoughts:

(b) (6)

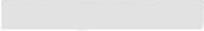
Thanks for working through this with DOE. (b) (3) (A), (b) (5)

(B) (1) (A)

(b) (1) (A)



(b) (5), (b) (3) (A)



@Team DOE – let me know what you think. We'd want to add in some of the references, but I have them from the other email.

NNSA Equities

From: (b) (6) DOE HQ USA GOV (b) (6)
Sent: Thursday, August 4, 2022 8:05 AM
To: (b) (6) DOE LLNL USA CTR (b) (6) DOE
LLNL USA CTR (b) (6)
Cc: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA GOV
(b) (6) >
Subject: (U//FOUO) NIC Response

Classification: (b) (3) (A)

Classified By: (b) (6) Branch Chief
Derived From: CG-IN-2 DOE OC
Declassify On: 20471231

(b) (6)

I am unable to read the encrypted electronic response from (b) (6) but I have a printout .

I wanted to talk through the response as (b) (5)

(b) (1) (A)

Let me know your availability and we can chat through this, say around 2pm.

Thanks (b) (6)

Classification:

G1 and G2 mitosis

— 1 —

INTRODUCTION

Classification:

Classification:

(b) (3) (A)

(b) (3) (A)

=====

Classification:

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Classification:

=====

Classification:

=====

Classification:

NNSA Equities

NNSA Equities

From: (b) (6) DOE HQ USA GOV (b) (6)

Sent: Thursday, August 4, 2022 12:00 PM

DOE LLNL USA CTR (b) (6) DOE LLNL

USA CTR (b) (6) DOE HQ USA GOV

DOE HQ USA GOV (b) (6)

Subject: RE: (U//FOUO) NIC Response

Classification: (b) (3) (A)

Classified By: (b) (6) Branch Chief

Derived From: CG-IN-2 DOE OC

Declassify On: 20471231

Here's my intended response, which I plan on sending tomorrow late morning. Happy to take in everyone's thoughts:

¹(b) (6)

Thanks for working through this with DOE. (b) (5), (b) (3) (A)

(D)(1)(A)

(D) (7) (A)

(b) (1) (A)

(b) (5), (b) (3) (A)

@Team DOE – let me know what you think. We'd want to add in some of the references, but I have them from the other email.

NNSA Equities

From: (b) (6) DOE HQ USA GOV (b) (6)

Sent: Thursday, August 4, 2022 8:05 AM

To: (b) (6) DOE LLNL USA CTR (b) (6)

DOE

LLNL USA CTR (b) (6)

Cc: (b) (6) DOE HQ USA GOV (b) (6)

(b) (6)

Subject: (U//FOUO) NIC Response

DOE HQ USA GOV

Classification: (b) (3) (A)

Classified By: (b) (6), Branch Chief

Derived From: CG-IN-2 DOE OC

Declassify On: 20471231

=====

(b) (6) :

I am unable to read the encrypted electronic response from (b) (6) but I have a printout ☺.

I wanted to talk through the response as (b) (5)

(b) (1) (A)

[REDACTED]

[REDACTED]

[REDACTED]

(b) (1) (A)

[REDACTED]

[REDACTED]

[REDACTED]

Let me know your availability and we can chat through this, say around 2pm.

Thanks, (b) (6)

=====

Classification

=====

Classification

=====

Classification

=====

Classification

=====

Classification

(b) (3) (A)

From: (b) (6) DOE HQ USA GOV
To: (b) (6) DOE HQ USA GOV
Subject: FW: (U//FOUO) NIC Response
Date: Friday, August 12, 2022 4:35:00 PM

Classification: (b) (3) (A)

Classified By: (b) (6) , Technical Advisor
Derived From: CG-IN-2 DOE OC
Declassify On: 20471231

From: (b) (6) DOE HQ USA GOV

Sent: Friday, August 12, 2022 9:02 AM

To: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA
GOV (b) (6)

Cc: (b) (6) DOE HQ USA GOV (b) (6)

Subject: RE: (U//FOUO) NIC Response

Classification: (b) (3) (A)

Classified By: (b) (6) , Technical Advisor
Derived From: CG-IN-2 DOE OC
Declassify On: 20471231

Actually, in reading the draft again. I think I can live with this wording in the draft:

(b) (1) (A)



From: (b) (6) DOE HQ USA GOV

Sent: Friday, August 12, 2022 8:58 AM

To: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA
GOV (b) (6) >

Cc: (b) (6) DOE HQ USA GOV (b) (6)

Subject: FW: (U//FOUO) NIC Response

Importance: High

Classification: (b) (3) (A)

Classified By: (b) (6) , Technical Advisor
Derived From: CG-IN-2 DOE OC
Declassify On: 20471231

(b) (6) ,

I could use your help today. I have visitors at 10. (b) (6) never responded to my email about an extension (noon deadline).

(b) (1) (A)



(b) (5)



NNSA Equities

NNSA Equities

From: (b) (6) DOE HQ USA GOV (b) (6)

Sent: Thursday, August 11, 2022 9:48 AM

To: (b) (6) DOE LLNL USA CTR (b) (6) DOE

LLNL USA CTR (b) (6) DOE HQ USA GOV

(b) (6)

Cc: (b) (6) DOE HQ USA GOV (b) (6) DOE LLNL USA

CTR (b) (6) >

Subject: RE: (U//FOUO) NIC Response

Classification: (b) (3) (A)

Classified By: (b) (6), Technical Advisor

Derived From: CG-IN-2 DOE OC

Declassify On: 20471231

=====

Hi (b) (6)

We are following up on the NIC response to the HPSCI request. I am attaching the request that you didn't see previously and the latest draft response. We would like you to review the draft and, in particular, ask you to respond to (b) (6)'s comment in the second paragraph. (b) (6) is asking for our review by noon tomorrow (we will try to negotiate an extension since you will likely not see this before 9 AM PDT). Generally, we would like to know what you think about the memo. As (b) (6) pointed out, the one thing the memo still doesn't say is what the intended meaning was for the language that is causing confusion. That could go a long way, we think, to satisfy the requestors.

We still stand by the original "Q and A" work and we are just attempting be as transparent and responsive to the NIC and the HPSCI as possible. Thanks, (b) (6). I can give you a call tomorrow.

(b) (6)

NNSA Equities

NNSA Equities

From: (b) (6) DOE HQ USA GOV (b) (6)

Sent: Thursday, August 4, 2022 12:00 PM

To: (b) (6) DOE LLNL USA CTR (b) (6) (b) (6) DOE LLNL
USA CTR (b) (6) DOE HQ USA GOV

(b) (6)

DOE HQ USA GOV (b) (6)

Subject: RE: (U//FOUO) NIC Response

Classification: (b) (3) (A)

Classified By: (b) (6) Branch Chief

Derived From: CG-IN-2 DOE OC

Declassify On: 20471231

Here's my intended response, which I plan on sending tomorrow late morning. Happy to take in everyone's thoughts:

"(b) (6)

Thanks for working through this with DOE. (b) (3) (A), (b) (5)

(b) (7) (A)

(B) (1) (A)

(b) (5), (b) (3) (A)

@Team DOE – let me know what you think. We'd want to add in some of the references, but I have them from the other email.

NNSA Equities

NNSA Equities

From: (b) (6) DOE HQ USA GOV (b) (6)

Sent: Thursday, August 4, 2022 8:05 AM

To: (b) (6) DOE LLNL USA CTR (b) (6) [REDACTED] DOE
LLNL USA CTR (b) (6)

Cc: (b) (6) DOE HQ USA GOV (b) (6) [REDACTED] DOE HQ USA GOV
(b) (6)

Subject: (U//FOUO) NIC Response

Classification: (b) (3) (A) [REDACTED]

Classified By: (b) (6) [REDACTED], Branch Chief

Derived From: CG-IN-2 DOE OC

Declassify On: 20471231

=====

(b) (6) [REDACTED] :

I am unable to read the encrypted electronic response from (b) (6) but I have a printout ☺.

I wanted to talk through the response (b) (5) [REDACTED]

Let me know your availability and we can chat through this, say around 2pm.

Thanks, (b) (6)

Classification:

Classification:

Classification:

===== Classification

Classification

REFERENCES AND NOTES

Classification:

(b) (3) (A)

(b) (1) (A)

NNSA Equities

From: (b) (6)

DOE HQ USA GOV (b) (6)

Sent: Friday, July 16, 2021 6:53 AM

To: (b) (6) DOE LLNL USA CTR (b) (6)

Cc: (b) (6) DOE HQ USA GOV (b) (6)

(b) (6)

DOE HQ USA GOV

Subject: (b) (1) (A)

Classification: (b) (3) (A)

Classified By: (b) (6), Branch Chief

Derived From: CG-IN-1 08/13/01 DOE OC

Declassify On: 20461231

=====

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Much of this my reductionist attempt to put in my own words what I think I am reading (and borrowing heavily from your own words) just as an exercise for now but I know my articulation is shaky at the minute...

(b) (6)

NNSA Equities

NNSA Equities

From: (b) (6) **DOE HQ USA GOV**
To: (b) (6)
Subject: (b) (6)
Date: RE: (U)FYI
Monday, August 29, 2022 3:04:58 PM

Classification: (b) (3) (A)

Classified By: (b) (6) , Technical Advisor
Derived From: (b) (3) (A)
Declassify On: (b) (3) (A)

(b) (1) (A)



(b) (1) (A)



(U//FOUO) Here is the report you may find interesting: (b) (3) (A)



DHS Equities

DHS Equities

DHS Equities

DHS Equities



From: (b) (6) [DOE HQ USA GOV](#)
To: (b) (6) [DOE LLNL USA CTR](#); (b) (6) [DOE HQ USA GOV](#); (b) (6) [DOE LLNL USA CTR](#)
Cc: (b) (6) [DOE HQ USA GOV](#); (b) (6) [DOE LLNL USA CTR](#); (b) (6) [DOE HQ USA GOV](#)
Subject: RE: (U//FOUO) NIC Response
Date: Friday, August 12, 2022 10:00:11 AM

Classification: (b) (3) (A)

Classified By: (b) (6)

Derived From: CG-IN-2 DOE OC

Declassify On: 20471231

Thanks, (b) (6), for looking into this. We've bought ourselves a couple/few extra hours with (b) (6), so we're hoping that (b) (6) can give his take he arrives. Perhaps a conversation would be most expeditious?

We're covering a couple different things this morning, so thanks for your patience with any duplicate or cross-messaging from us.

--- (U) (b) (6)

NNSA Equities

NNSA Equities

From: [REDACTED] (b) (6) DOE HQ USA GOV

Sent: Thursday, August 11, 2022 9:48 AM

To: (b) (6) DOE LLNL USA CTR (b) (6)

LLNL USA CTR (b) (6) [REDACTED] DOE HQ USA GOV

(b) (6)

Cc: (b) (6) DOE HQ USA GOV (b) (6)

CTR (b) (6) [REDACTED]

DOE

DOE LLNL USA

Subject: RE: (U//FOUO) NIC Response

Classification: (b) (3) (A)

Classified By: (b) (6) [REDACTED], Technical Advisor

Derived From: CG-IN-2 DOE OC

Declassify On: 20471231

=====

Hi (b) (6) [REDACTED],

We are following up on the NIC response to the HPSCI request. I am attaching the request that you didn't see previously and the latest draft response. We would like you to review the draft and, in particular, ask you to respond to (b) (6) comment in the second paragraph. (b) (6) is asking for our review by **noon tomorrow** (we will try to negotiate an extension since you will likely not see this before 9 AM PDT). Generally, we would like to know what you think about the memo. As (b) (6) pointed out, the one thing the memo still doesn't say is what the intended meaning was for the language that is causing confusion. That could go a long way, we think, to satisfy the requestors.

We still stand by the original "Q and A" work and we are just attempting be as transparent and responsive to the NIC and the HPSCI as possible. Thanks, (b) (6) [REDACTED] I can give you a call tomorrow.

(b) (6) [REDACTED]

NNSA Equities

From: (b) (6) DOE HQ USA GOV (b) (6)

Sent: Thursday, August 4, 2022 12:00 PM

To: (b) (6) DOE LLNL USA CTR (b) (6)

DOE HQ USA GOV
USA CTR (b) (6) (b) (6)

DOE HQ USA GOV

DOE LLNL

Subject: RE: (U//FOUO) NIC Response

Classification: (b) (3) (A)

Classified By: (b) (6), Branch Chief

Derived From: CG-IN-2 DOE OC

Declassify On: 20471231

=====

Here's my intended response, which I plan on sending tomorrow late morning. Happy to take in everyone's thoughts:

"(b) (6) :

Thanks for working through this with DOE.(b) (3) (A), (b) (5)

[REDACTED]

(b) (1) (A)

[REDACTED]

(b) (1) (A)

[REDACTED]

(b) (3) (A), (b) (5)

"

@Team DOE – let me know what you think. We'd want to add in some of the references, but I have them from the other email.

NNSA Equities

NNSA Equities

From: (b) (6) DOE HQ USA GOV (b) (6)

Sent: Thursday, August 4, 2022 8:05 AM

To: (b) (6) DOE LLNL USA CTR (b) (6) DOE
LLNL USA CTR (b) (6)

Cc: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA GOV
(b) (6)

Subject: (U//FOUO) NIC Response

Classification: (b) (3) (A)

Classified By: (b) (6) Branch Chief
Derived From: CG-IN-2 DOE OC
Declassify On: 20471231

=====

(b) (6) :

I am unable to read the encrypted electronic response from (b) (6) but I have a printout ☺.

I wanted to talk through the response (b) (5)

(b) (1) (A)



Let me know your availability and we can chat through this, say around 2pm.

Thanks, (b) (6)

=====

Classification

=====

(b) (3) (A)

From: (b) (6) DOE HQ USA GOV
To: (b) (6) DOE HQ USA GOV
Cc: (b) (6) DOE HQ USA GOV; (b) (6) DOE LLNL USA CTR; (b) (6) DOE LLNL USA CTR;
Subject: (b) (6) DOE HQ USA GOV; (b) (6) DOE LLNL USA CTR
Date: RE: (U//FOUO) NIC Response
Attachments: Friday, August 12, 2022 3:25:19 PM
[20220804 DOELetter postCoord SJL DOE.docx](#)

Classification: (b) (3) (A)

Classified By: (b) (6)

Derived From: CG-IN-2 DOE OC

Declassify On: 20471231

=====

See attached.

Here's (b) (6) discussion from the second paragraph:

(b) (1) (A)



I think that was it, no? We're happy to come down and help you stitch it together.

--- (b) (6)

NNSA Equities

From: (b) (6) DOE HQ USA GOV (b) (6)

Sent: Friday, August 12, 2022 10:33 AM

To: (b) (6) DOE LLNL USA CTR (b) (6)

DOE HQ USA

GOV(b) (6)

DOE LLNL USA CTR

(b) (6)

DOE HQ USA GOV

(b) (6)

Cc: (b) (6)

DOE LLNL USA CTR

(b) (6)

Subject: RE: (U//FOUO) NIC Response

Classification: (b) (3) (A)

Classified By: (b) (6)

Derived From: CG-IN-2 DOE OC

Declassify On: 20471231

=====

This is what I would propose sending back to (b) (6), along with a plea to let us have until early next week to get more clarify from (b) (6) . Let me know what you think.

(b) (6)

(b) (6) Foreign Nuclear Programs Division

DOE-IN

Office: (b) (6)

Secure: (b) (6)

Govt Cell: (b) (6)

From: (b) (6) DOE HQ USA GOV

Sent: Friday, August 12, 2022 10:58 AM

To: (b) (6) DOE LLNL USA CTR <(b) (6)

DOE HQ USA

GOV(b) (6)

DOE LLNL USA CTR

(b) (6)

DOE HQ USA GOV (b) (6)

Cc: (b) (6) DOE LLNL USA CTR (b) (6)

Subject: RE: (U//FOUO) NIC Response

Classification: (b) (3) (A)

Classified By: (b) (6)

Derived From: CG-IN-2 DOE OC

Declassify On: 20471231

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(b) (6)

(b) (1) (A)

[REDACTED]

(b) (1) (A)

[REDACTED]

[REDACTED]

[REDACTED]

(b) (1) (A)



Redacted content consisting of several horizontal black bars of varying lengths, spanning the width of the page below the (b) (1) (A) label.

Thanks.

(b) (6)

(b) (6) Foreign Nuclear Programs Division

DOE-IN

Office: (b) (6)

Secure: (b) (6)

Govt Cell: (b) (6)

NNSA Equities

NNSA Equities

From: (b) (6) DOE HQ USA GOV (b) (6) >
Sent: Thursday, August 11, 2022 9:48 AM
To: (b) (6) DOE LLNL USA CTR (b) (6) A DOE
LLNL USA CTR (b) (6) : DOE HQ USA GOV
(b) (6)
Cc: (b) (6) DOE HQ USA GOV (b) (6) DOE LLNL USA
CTR (b) (6)
Subject: RE: (U//FOUO) NIC Response

Classification: (b) (3) (A)

Classified By: (b) (6) , Technical Advisor
Derived From: CG-IN-2 DOE OC
Declassify On: 20471231

Hi (b) (6)

We are following up on the NIC response to the HPSCI request. I am attaching the request that you didn't see previously and the latest draft response. We would like you to review the draft and, in particular, ask you to respond to (b) (6) comment in the second paragraph. (b) (6) is asking for our review by **noon tomorrow** (we will try to negotiate an extension since you will likely not see this before 9 AM PDT). Generally, we would like to know what you think about the memo. As (b) (6) pointed out, the one thing the memo still doesn't say is what the intended meaning was for the language that is causing confusion. That could go a long way, we think, to satisfy the requestors.

We still stand by the original "Q and A" work and we are just attempting be as transparent and responsive to the NIC and the HPSCI as possible. Thanks, (b) (6) . I can give you a call tomorrow.

(b) (6)

NNSA Equities

From: (b) (6) DOE HQ USA GOV (b) (6)
Sent: Thursday, August 4, 2022 12:00 PM
To: (b) (6) DOE LLNL USA CTR (b) (6) DOE LLNL
USA CTR (b) (6) DOE HQ USA GOV
(b) (6) DOE HQ USA GOV (b) (6)
Subject: RE: (U//FOUO) NIC Response

Classification: (b) (3) (A)

Classified By: (b) (6) , Branch Chief
Derived From: CG-IN-2 DOE OC
Declassify On: 20471231

Here's my intended response, which I plan on sending tomorrow late morning. Happy to take in everyone's thoughts:

(b) (6) :

Thanks for working through this with DOE. (b) (3) (A), (b) (5)

(D)(7)(A)

(B) (1) (A)

(b) (3) (A), (b) (5)

@Team DOE – let me know what you think. We'd want to add in some of the references, but I have them from the other email.

NNSA Equities

NNSA Equities

From: (b) (6) DOE HQ USA GOV <(b) (6)>
Sent: Thursday, August 4, 2022 8:05 AM
To: (b) (6) DOE LLNL USA CTR (b) (6); (b) (6) DOE
LLNL USA CTR (b) (6)
Cc: Hague Emma J DOE HQ USA GOV (b) (6) (b) (6) DOE HQ USA GOV
Subject: (U//FOUO) NIC Response

Classification: (b) (3) (A)

Classified By: (b) (6), Branch Chief
Derived From: CG-IN-2 DOE OC
Declassify On: 20471231

=====

(b) (6) :

I am unable to read the encrypted electronic response from (b) (6) but I have a printout ☺.

I wanted to talk through the response (b) (5) [REDACTED]

[REDACTED]

[REDACTED]

Let me know your availability and we can chat through this, say around 2pm.

Thanks, (b) (6)|

=====

Classification:

(b) (3) (A)

From: (b) (6) **D** DOE HQ USA GOV
To: (b) (6) **DOE HQ USA GOV**; (b) (6) **DOE HQ USA GOV**
Cc: (b) (6) **DOE HQ USA GOV**; (b) (6) **DOE HQ USA GOV**; (b) (6) **DOE HQ USA GOV**; (b) (6) **DOE HQ USA GOV**
Subject: FW: HPSCI Letter to ODNI on COVID Origins
Date: Friday, August 5, 2022 12:05:02 PM

Classification: (b) (3) (A)

Classified By: (b) (6) Branch Chief
Derived From: ODNI CG
Declassify On: 20471231
=====

FYI – (b) (6) .

We are hoping to contribute to the NIC's response, they have until 18 August. Do either of you want to walk through this?

Thanks, (b) (6)

From: (b) (6) DOE HQ USA GOV
Sent: Friday, August 5, 2022 10:40 AM
To: (b) (6) -DNI- (b) (6) (b) (6)
Cc: (b) (6) -DNI- (b) (6) DOE HQ USA GOV
(b) (6) DOE HQ USA GOV (b) (6)
(b) (6) DOE HQ USA GOV (b) (6)
Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3) (A)

Classified By: (b) (6) Branch Chief
Derived From: ODNI CG
Declassify On: 20471231
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(b) (6) – please consider this a preliminary response and thank you for continuing to include us in answering the HPSCI request. (b) (5)

That said, I wanted to continue sharing some of our thinking and provide you our continued support.

(b) (5)

I. For that reason, we welcome the chance to contribute text on this clarification in any response that we craft. (b) (5) . My recollection is that we did that brief Secretary Note (S-1) to provide a high-level summary to Secretary Granholm on the basis for our position because of her known interest in our support to the 90-day study. It was one of the earliest and highest visibility issues our office was doing in her first year. We also were anticipating requests for briefings, so we were leaning forward on preparing

CIA Equities

From: (b) (6) [DOE HQ USA GOV](#)
To: (b) (6) [DOE LLNL USA CTR](#); (b) (6) [DOE HQ USA GOV](#); (b) (6) [DOE HQ USA GOV](#)
Subject: Conversation with (b) (6) DOE LLNL USA CTR, (b) (6) DOE HQ USA GOV, (b) (6)
Date: Friday, August 12, 2022 2:22:16 PM

(b) (6) DOE HQ USA GOV 1:51 PM:

Hi!

I'd imagine that you're catching up with our mails from the last couple days. Perhaps we could chat to cut to the chase?

(b) (6) DOE LLNL USA CTR 1:51 PM:

Sure, I'm reviewing the documents now

(b) (6)

(b) (6) DOE HQ USA GOV 1:52 PM:

cool .. sec

1:52 PM Connected to (b) (6) DOE LLNL USA CTR (b) (6)

(b) (6) DOE HQ USA GOV 2:09 PM:



DOD Equities

DOD Equities

DOD Equities

DOD Equities

DOD Equities

DOD Equities

DOD Equities

DOD Equities

DOD Equities

NNSA Equities

From: (b) (6) DOE HO USA GOV
To: (b) (6) DOE LANL USA CTR
Subject: RE: 3/00/185327-22 (b) (3) (A) has been shared with you
Date: Friday, August 26, 2022 10:23:00 AM

Classification: (b) (3) (A)

Classified By: (b) (6) , Technical Advisor
Derived From: CG-IN-2 DOE OC
Declassify On: 20471231
=====

Wonderful...Ugh

NNSA Equities

NNSA Equities

From: (b) (6) DOE HQ USA GOV (b) (6)

Sent: Tuesday, September 14, 2021 12:55 PM

To: (b) (6) DOE HQ USA GOV (b) (6)

DOE LLNL

USA CTR (b) (6)

Subject: Draft coordination request for Q's and A's

Classification: (b) (3) (A)

Classified By: (b) (6) , Technical Advisor

Derived From: CG-IN-1 08/13/01 DOE OC

Declassify On: 20461231

I tried to keep it simple. I am totally overthinking it—as I said to (b) (6). Have at it!

Colleagues:

Please provide any feedback, comments or questions by COB Monday, 20 SEP. Thank you for your consideration.

(b) (3) (A)

=====

Classification:

=====

Classification:

From: (b) (6) [DOE HQ USA GOV](#)
To: (b) (6) [DOE LLNL USA CTR](#); (b) (6) [DOE HQ USA GOV](#)
Subject: RE: Draft coordination request for Q's and A's
Date: Tuesday, September 14, 2021 4:32:45 PM

Classification: (b) (3) (A)

Classified By: (b) (6), Technical Advisor
Derived From: CG-IN-1 08/13/01 DOE OC
Declassify On: 20461231

Or get pushed off...

NNSA Equities

From: (b) (6) [DOE HQ USA GOV](#) (b) (6) >
Sent: Tuesday, September 14, 2021 12:55 PM
To: (b) (6) [DOE HQ USA GOV](#) (b) (6) [DOE LLNL](#)
USA CTR (b) (6)
Subject: Draft coordination request for Q's and A's

Classification: (b) (3) (A)

Classified By: (b) (6), Technical Advisor
Derived From: CG-IN-1 08/13/01 DOE OC
Declassify On: 20461231

I tried to keep it simple. I am totally overthinking it—as I said to (b) (6). Have at it!

Colleagues:

[REDACTED]

Please provide any feedback, comments or questions by COB Monday, 20 SEP. Thank you for your consideration.

=====

Classification:

=====

=====

Classification:

=====

=====

Classification:

(b) (3) (A)

NNSA Equities

From: (b) (6) [DOE HQ USA GOV](#)
To: (b) (6) [DOE HQ USA GOV](#)
Cc: (b) (6) [DOE HQ USA GOV](#); (b) (6) [DOE HQ USA GOV](#)
Subject: RE: HPSCI Letter to ODNI on COVID Origins
Date: Monday, August 8, 2022 3:40:46 PM

Classification: (b) (3) (A)

Classified By: (b) (6) Branch Chief
Derived From: ODNI CG
Declassify On: 20471231

Thanks, (b) (6) – this really helps, appreciate it!

I'll follow-up on request number 2 probably tomorrow. I think that one is actually slightly easier to field.

(b) (6)

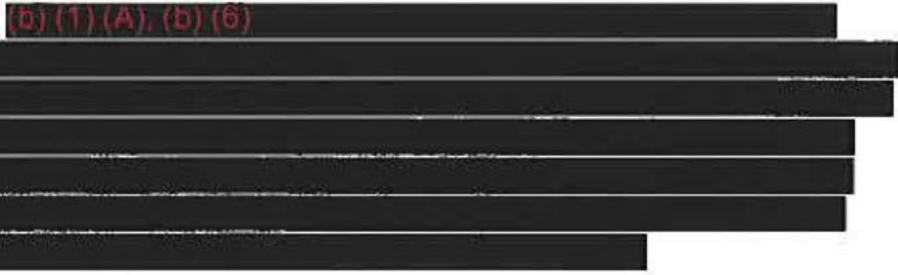
From: (b) (6) [DOE HQ USA GOV](#) (b) (6)
Sent: Monday, August 8, 2022 3:21 PM
To: (b) (6) [DOE HQ USA GOV](#) (b) (6)
Cc: (b) (6) [DOE HQ USA GOV](#) (b) (6) [DOE HQ USA GOV](#)
(b) (6)
Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3) (A)

Classified By: (b) (6)
Derived From: ODNI CG
Declassify On: 20471231

(b) (6),

Thanks to you and the team for managing this while I was out. I see the full chain now and our preliminary response. (b) (1) (A), (b) (6)



If you have any other questions for me, or if there is anything else I can help with let me know.

(b) (6)

(b) (6) Foreign Nuclear Programs Division
DOE-IN
Office: (b) (6)
Secure: (b) (6)
Govt Cell: (b) (6)

From: (b) (6) DOE HQ USA GOV (b) (6)
Sent: Friday, August 5, 2022 1:14 PM
To: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA
GOV (b) (6) >
Cc: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA
GOV (b) (6) (b) (6) DOE HQ USA GOV (b) (6)
Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3) (A)

Classified By: (b) (6) , Branch Chief
Derived From: ODNI CG
Declassify On: 20471231

Thanks, (b) (6).



(b) (6)

From: (b) (6) DOE HQ USA GOV (b) (6)
Sent: Friday, August 5, 2022 12:19 PM
To: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA GOV
(b) (6)
Cc: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA
GOV <(b) (6) (b) (6) DOE HQ USA GOV (b) (6)
Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3) (A)

Classified By: (b) (6) DOE IN10
Derived From: ODNI CG
Declassify On: 20471231

(b) (6)

We discussed this a couple of days ago and it doesn't appear to me that anything has changed, so I don't see a need to discuss this again.

I read the document by the way, including the portion that you thought could be confusing, but it seemed clear to me.

(b) (6)

From: (b) (6) DOE HQ USA GOV (b) (6)
Sent: Friday, August 5, 2022 12:05 PM
To: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA GOV
(b) (6)
Cc: (b) (6) DOE HQ USA GOV <(b) (6) DOE HQ USA
GOV(b) (6) > (b) (6) DOE HQ USA GOV (b) (6)
(b) (6) DOE HQ USA GOV (b) (6)
Subject: FW: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3) (A)

Classified By: (b) (6) , Branch Chief
Derived From: ODNI CG
Declassify On: 20471231
=====

FYI – (b) (6) .

We are hoping to contribute to the NIC's response, they have until 18 August. Do either of you want to walk through this?

Thanks, (b) (6)

From: (b) (6) DOE HQ USA GOV
Sent: Friday, August 5, 2022 10:40 AM
To: (b) (6) -DNI- (b) (6) -DNI- <(b) (6) >
Cc: (b) (6) -DNI- (b) (6) DOE HQ USA GOV
(b) (6) DOE HQ USA GOV (b) (6)
(b) (6) DOE HQ USA GOV (b) (6)
Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3) (A)

Classified By: (b) (6) , Branch Chief
Derived From: ODNI CG
Declassify On: 20471231
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(b) (6) – please consider this a preliminary response and thank you for continuing to

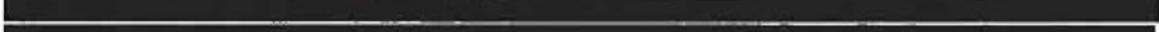
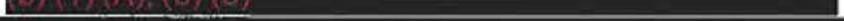
From: (b) (6) [DOE HQ USA GOV](#)
To: (b) (6) [DOE HQ USA GOV](#)
Cc: (b) (6) [DOE HQ USA GOV](#); (b) (6) [DOE HQ USA GOV](#)
Subject: RE: HPSCI Letter to ODNI on COVID Origins
Date: Monday, August 8, 2022 3:21:00 PM

Classification: (b) (3) (A)

Classified By: (b) (6)
Derived From: ODNI CG
Declassify On: 20471231

(b) (6)

Thanks to you and the team for managing this while I was out. I see the full chain now and our preliminary response. (b) (1) (A), (b) (6)



If you have any other questions for me, or if there is anything else I can help with let me know.

(b) (6)
(b) (6) Foreign Nuclear Programs Division
DOE-IN
Office: (b) (6)
Secure: (b) (6)
Govt Cell: (b) (6)

From: (b) (6) [DOE HQ USA GOV](#) (b) (6)
Sent: Friday, August 5, 2022 1:14 PM
To: (b) (6) [DOE HQ USA GOV](#) (b) (6) [DOE HQ USA GOV](#) (b) (6)
Cc: (b) (6) [DOE HQ USA GOV](#) (b) (6) [DOE HQ USA GOV](#) (b) (6)
(b) (6) [DOE HQ USA GOV](#) (b) (6)
Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3) (A)

Classified By: (b) (6) , Branch Chief
Derived From: ODNI CG
Declassify On: 20471231

Thanks, (b) (6)

(b) (6)

(b) (6)

From: (b) (6) DOE HQ USA GOV (b) (6)
Sent: Friday, August 5, 2022 12:19 PM
To: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA GOV
(b) (6)
Cc: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA
GOV (b) (6) DOE HQ USA GOV (b) (6)
(b) (6) DOE HQ USA GOV (b) (6)
Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3) (A)

Classified By: (b) (6) , DOE IN10
Derived From: ODNI CG
Declassify On: 20471231

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(b) (6)

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Sent: Friday, August 5, 2022 12:05 PM
To: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA GOV
(b) (6)
Cc: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA
GOV (b) (6) DOE HQ USA GOV (b) (6)
(b) (6) DOE HQ USA GOV (b) (6)
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Classification: (b) (3) (A)

Classified By: (b) (6) , Branch Chief
Derived From: ODNI CG
Declassify On: 20471231

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FYI - (b) (6) .

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Thanks, (b) (6)

From: (b) (6) DOE HQ USA GOV
Sent: Friday, August 5, 2022 10:40 AM
To: (b) (6) -DNI- (b) (6) -DNI- (b) (6)
Cc: (b) (6) -DNI- (b) (6) DOE HQ USA GOV
(b) (6) DOE HQ USA GOV (b) (6)
(b) (6) DOE HQ USA GOV (b) (6)
Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3) (A)

Classified By: (b) (6) , Branch Chief
Derived From: ODNI CG
Declassify On: 20471231

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My recollection is that we did that brief Secretary Note (S-1) to provide a high-level summary to Secretary Granholm on the basis for our position because of her known interest in our support to the 90-day study. It was one of the earliest and highest visibility issues our office was doing in her first year. We also were anticipating requests for briefings, so we were leaning forward on preparing for that eventuality, although that never happened.

(b) (1) (A)

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

From: (b) (6) [DOE HQ USA GOV](#) **To:** (b) (6) [DOE HQ USA GOV](#)
Subject: RE: HPSCI Letter to ODNI on COVID Origins
Date: Friday, August 5, 2022 2:59:44 PM

Classification: (b) (3) (A)

Classified By: (b) (6) , DOE IN10
Derived From: ODNI CG
Declassify On: 20471231

Thanks.

From: (b) (6) [DOE HQ USA GOV](#) **(b) (6)**
Sent: Friday, August 5, 2022 2:42 PM
To: (b) (6) [DOE HQ USA GOV](#) **(b) (6)** [DOE HQ USA GOV](#)
(b) (6)
Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3) (A)

Classified By: (b) (6) , Technical Advisor
Derived From: ODNI CG
Declassify On: 20471231

Here ya go!

From: (b) (6) [DOE HQ USA GOV](#) **(b) (6)**
Sent: Friday, August 5, 2022 2:37 PM
To: (b) (6) [DOE HQ USA GOV](#) **(b) (6)** [DOE HQ USA GOV](#)
(b) (6)
Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3) (A)

Classified By: (b) (6) , DOE IN10
Derived From: ODNI CG
Declassify On: 20471231

I don't think that I have seen the letter. Could you send it to me? I have seen a letter on the low side, but it is asking for general information (everything the IC has on COVID since the 90 report, as opposed to referencing a specific DOE report.)

From: (b) (6) [DOE HQ USA GOV](#) **(b) (6)**
Sent: Friday, August 5, 2022 12:05 PM
To: (b) (6) [DOE HQ USA GOV](#) **(b) (6)** [DOE HQ USA GOV](#)
(b) (6)

Cc: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA
GOV (b) (6) DOE HQ USA GOV <(b) (6)
(b) (6) DOE HQ USA GOV (b) (6)

Subject: FW: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3) (A)

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Derived From: ODNI CG
Declassify On: 20471231

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(b) (6) DOE HQ USA GOV (b) (6)
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Classification: (b) (3) (A)

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Derived From: ODNI CG
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From: (b) (6) **DOE HQ USA GOV** (b) (6) **DOE HQ USA GOV**
To: (b) (6) **DOE HQ USA GOV**
Subject: RE: HPSCI Letter to ODNI on COVID Origins
Date: Friday, August 5, 2022 2:41:00 PM
Attachments: (b) (1)(A)

Classification: (b) (3) (A)

Classified By: (b) (6) , Technical Advisor
Derived From: ODNI CG
Declassify On: 20471231

Here ya go!

From: (b) (6) **DOE HQ USA GOV** (b) (6)
Sent: Friday, August 5, 2022 2:37 PM
To: (b) (6) **DOE HQ USA GOV** (b) (6) **DOE HQ USA GOV**
(b) (6)
Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3) (A)

Classified By: (b) (6) , DOE IN10
Derived From: ODNI CG
Declassify On: 20471231

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Sent: Friday, August 5, 2022 12:05 PM
To: (b) (6) **DOE HQ USA GOV** (b) (6) **DOE HQ USA GOV**
(b) (6) >
Cc: (b) (6) **DOE HQ USA GOV** (b) (6) **DOE HQ USA**
(b) (6) ; Street Anita C **DOE HQ USA GOV** (b) (6)
(b) (6) **DOE HQ USA GOV** <(b) (6)
Subject: FW: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3) (A)

Classified By: (b) (6) Branch Chief
Derived From: ODNI CG
Declassify On: 20471231

FYI – (b) (6)

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Thanks, (b) (6)

From: (b) (6) DOE HQ USA GOV

Sent: Friday, August 5, 2022 10:40 AM

To: (b) (6) -DNI- (b) (6)

-DNI- (b) (6)

Cc: (b) (6) s-DNI- (b) (6)

DOE HQ USA GOV

(b) (6) [REDACTED] A DOE HQ USA GOV <(b) (6)>

(b) (6) DOE HQ USA GOV (b) (6)

Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3) (A)

Classified By: (b) (6) , Branch Chief

Derived From: ODNI CG

Declassify On: 20471231

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(b) (6) - please consider this a preliminary response and thank you for continuing to include us in answering the HPSCI request. (b) (5)

[REDACTED] That said, I wanted to continue sharing some of our thinking and provide you our continued support.

(b) (5)

[REDACTED] . For that reason, we welcome the chance to contribute text on this clarification in any response that we craft. (b) (5)

[REDACTED] My recollection is that we did that brief Secretary Note (S-1) to provide a high-level summary to Secretary Granholm on the basis for our position because of her known interest in our support to the 90-day study. It was one of the earliest and highest visibility issues our office was doing in her first year. We also were anticipating requests for briefings, so we were leaning forward on preparing for that eventuality, although that never happened.

(b) (1) (A)

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

(b) (1) (A)

[REDACTED]

[REDACTED]

[REDACTED]

From: (b) (6) DOE HQ USA GOV
To: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA GOV
Subject: RE: HPSCI Letter to ODNI on COVID Origins
Date: Friday, August 5, 2022 2:37:26 PM

Classification: (b) (3) (A)

Classified By: (b) (6) , DOE IN10
Derived From: ODNI CG
Declassify On: 20471231

I don't think that I have seen the letter. Could you send it to me? I have seen a letter on the low side, but it is asking for general information (everything the IC has on COVID since the 90 report, as opposed to referencing a specific DOE report.)

From: (b) (6) DOE HQ USA GOV (b) (6)
Sent: Friday, August 5, 2022 12:05 PM
To: (b) (6) DOE HQ USA GOV (b) (6) (b) (6) DOE HQ USA GOV
(b) (6)
Cc: (b) (6) DOE HQ USA GOV <(b) (6) DOE HQ USA
GOV (b) (6) DOE HQ USA GOV (b) (6) ;
(b) (6) DOE HQ USA GOV (b) (6) >
Subject: FW: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3) (A)

Classified By: (b) (6) , Branch Chief
Derived From: ODNI CG
Declassify On: 20471231

FYI - (b) (6)

We are hoping to contribute to the NIC's response, they have until 18 August. Do either of you want to walk through this?

Thanks, (b) (6)

From: (b) (6) DOE HQ USA GOV
Sent: Friday, August 5, 2022 10:40 AM
To: (b) (6) -DNI- (b) (6) DNI- <(b) (6)
Cc: (b) (6) -DNI- (b) (6) DOE HQ USA GOV
<(b) (6) DOE HQ USA GOV (b) (6) .
(b) (6) DOE HQ USA GOV (b) (6)
Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3) (A)

From: (b) (6) [DOE HQ USA GOV](#)
To: (b) (6) [DOE HQ USA GOV](#); (b) (6) [DOE HQ USA GOV](#)
Subject: RE: HPSCI Letter to ODNI on COVID Origins
Date: Friday, August 5, 2022 11:13:00 AM

Classification: (b) (3) (A)

Classified By: (b) (6) Technical Advisor
Derived From: ODNI CG
Declassify On: 20471231

(b) (6)

This looks fine to me. (b) (6) and I just had a discussion and she'll fill you in.

(b) (6)

From: (b) (6) [DOE HQ USA GOV](#) (b) (6)
Sent: Friday, August 5, 2022 10:40 AM
To: (b) (6) -DNI- (b) (6) -DNI- (b) (6)
Cc: (b) (6) DNI- (b) (6) [DOE HQ USA GOV](#)
(b) (6) [DOE HQ USA GOV](#) (b) (6)
(b) (6) [DOE HQ USA GOV](#) (b) (6)
Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3) (A)

Classified By: (b) (6) , Branch Chief
Derived From: ODNI CG
Declassify On: 20471231

(b) (6) - please consider this a preliminary response and thank you for continuing to include us in answering the HPSCI request. (b) (5)

That said, I wanted to continue sharing some of our thinking and provide you our continued support.

(b) (5)

For that reason, we welcome the chance to contribute text on this clarification in any response that we craft. (b) (5) . My recollection is that we did that brief Secretary Note (S-1) to provide a high-level summary to Secretary Granholm on the basis for our position because of her known interest in our support to the 90-day study. It was one of the earliest and highest visibility issues our office was doing in her first year. We also were anticipating requests for briefings, so we were leaning forward on preparing for that eventuality, although that never happened.

(b) (1) (A)

(b) (3) (A) [REDACTED]

(b) (3) (A) [REDACTED]

Page 1 of 8

Z PROGRAM ANALYTIC HIGHLIGHT

International Assessments Report



Lawrence Livermore National Laboratory

(U) Lawrence Livermore National Laboratory (LLNL), Global Security Principal Directorate, Z Program, prepared this report. The views expressed are those of the authors and not necessarily those of the sponsors.

(U) Comments are encouraged and feedback on this report and other Z Program products can be provided through our JWICS website, <http://z.ic.gov/>.

(U) Contacts

- Z Program Author
(b) (6) [REDACTED]
- Z Program Associate Program Leader
(b) (6) [REDACTED]
- Z Program Manager
(b) (6) [REDACTED]

Derivative declassifier review required prior to declassification

Classified By: (b) (6) Z Program Production Manager

Derived From: Multiple Sources, (b) (3) (A) and CG-IN-2, 3/2019 DOE OC

Declassify On: 25X6, 20701231

27 May 2020

(b) (1) (A) [REDACTED]

Z Program, Lawrence Livermore National Laboratory

(b) (1) (A) [REDACTED]

(b) (1) (A) [REDACTED]

(b) (3) (A) [REDACTED]

(b) (3) (A) [REDACTED]

(b) (3) (A)

(b) (3) (A)
Page 2 of 8

[†] (U) “Gain of function” is a term used for a class of experiments in which researchers introduce genetic changes—via reverse genetics, recombination, or spontaneous mutation—to a strain of interest. If the new strain exhibits increased transmissibility or virulence, generally via pathogenesis studies, then a “gain of function” was achieved.

(b) (3) (A)

(b) (1) (A)

(b) (1) (A)

(b) (1) (A)

- (b) (1) (A)

- (b) (1) (A)

(b) (3) (A)

(b) (3) (A) [REDACTED]

(b) (3) (A)
Page 4 of 8

(b) (1) (A) [REDACTED]

• (b) (1) (A) [REDACTED]

• (b) (1) (A) [REDACTED]

• (b) (1) (A) [REDACTED]

(U) Scope Note

(b) (1) (A) [REDACTED]

(b) (3) (A) [REDACTED]

(U) Provide Feedback or Request a Document

(U) We invite your feedback. Use the JWICS website, <http://z.ic.gov>, or [email](#) to comment on this report. You can also comment on or request [other Z Program products](#).

(U//FOUO) The information in this report is provided for intelligence purposes only, but may be used to develop potential investigative leads. No information contained in this report, nor any information derived therefrom may be used in any proceeding (whether criminal or civil), to include any trial, hearing, or other proceeding before any court, department agency, regulatory body, or other authority of the United States without the advance approval of the Attorney General and/or the agency or department that originated the information contained in this report. These restrictions apply to any information extracted from this document and used in derivative publications or briefings.

(b) (1) (A)

(U) Note: Document may not be used as the source for derivative classification nor can it be used as a source for preparers of classification guides.

(U) References

1. (U) | Website article | (b) (3) (A)

(b) (3) (A)

2. (U) | Article | (b) (3) (A)

(b) (3) (A)

(b) (3) (A)

3. (U) | Article | (b) (3) (A)

(b) (3) (A)

(b) (3) (A)

4. (U) | Article | (b) (3) (A)

(b) (3) (A)

(b) (3) (A)

5. (U) | Article | (b) (3) (A)

(b) (3) (A)

(b) (3) (A)

(b) (3) (A)

(b) (1) (A)

(b) (3) (A)

(b) (3) (A)

(b) (3) (A)

(b) (1) (A)

(b) (3) (A) [REDACTED]

(b) (3) (A)
Page 6 of 8

8. (U) Article | (b) (3) (A) [REDACTED]
[REDACTED]
[REDACTED]

9. (U) | Article | (b) (3) (A) [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

(b) (3) (A) [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

11. (U) | Article | (b) (3) (A) [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

(b) (3) (A) [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

(b) (3) (A) [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

14. (U) | Article | (b) (3) (A) [REDACTED]
[REDACTED]
[REDACTED]

15. (U) | Article | (b) (3) (A) [REDACTED]
[REDACTED]
[REDACTED]

16. (U) | Article | (b) (3) (A) [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

(b) (3) (A), (b) (3) (A) [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

(b) (3) (A) [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

(b) (3) (A) [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

(b) (3) (A) [REDACTED]

(b) (3) (A) [REDACTED]

(b) (3) (A) [REDACTED]

Page 7 of 8

(b) (1) (A) [REDACTED]

25. (U) | Article | (b) (3) (A) [REDACTED]

26. (U) | Article | (b) (3) (A) [REDACTED]

27. (U) | Article | (b) (3) (A) [REDACTED]

(b) (1) (A) [REDACTED]

(b) (3) (A) [REDACTED]

(b) (3) (A) [REDACTED]

(b) (3) (A)
Page 8 of 8

(b) (1) (A) [REDACTED]

(b) (1) (A) [REDACTED]

(b) (1) (A) [REDACTED]

(b) (1) (A) [REDACTED]

(b) (3) (A) [REDACTED]

NNSA Equities

From: (b) (3) (b) (6)
Sent: (b) (3) (b) (6)
To: (b) (3) (b) (6)

(b) (5), (b) (5)

Subj: (b) (1) (A)
Classification: (b) (3) (b) (6)
(b) (2)

Classified By (b) (3)
Derived From:
Declassify On
.....

(b) (1) (A) 

Page 10

Classification: (b) (3)

From: (b) (6) DOE HQ USA GOV
To: (b) (6) DOE HQ USA GOV; (b) (6) DOE HQ USA GOV
Cc: (b) (6) DOE HQ USA GOV; (b) (6) DOE HQ USA GOV; (b) (6) DOE HQ USA GOV;
Subject: FW: HPSCI Letter to ODNI on COVID Origins
Date: Friday, August 5, 2022 12:05:02 PM

Classification: (b) (3) (A)

Classified By: (b) (6), Branch Chief
 Derived From: ODNI CG
 Declassify On: 20471231
 =====

FYI -(b) (6)

We are hoping to contribute to the NIC's response, they have until 18 August. Do either of you want to walk through this?

Thanks, (b) (6)

From: (b) (6) DOE HQ USA GOV
Sent: Friday, August 5, 2022 10:40 AM
To: (b) (3), (b) (6)
Cc: (b) (3), (b) (6) (b) (6) DOE HQ USA GOV
 (b) (6) DOE HQ USA GOV (b) (6);
 (b) (6) DOE HQ USA GOV (b) (6)
Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3)

(b) (3) (A), (b) (6)

(b) (3), (b) (6) – please consider this a preliminary response and thank you for continuing to include us in answering the HPSCI request. I've yet to coordinate with our congressional liaison and I want to talk with (b) (6) next week (he's out right now). That said, I wanted to continue sharing some of our thinking and provide you our continued support.

I agree with (b) (3), (b) (6) that HPSCI is taking things out of context, but I do think clarifying what we were saying in the Q&A analysis section implicated in the request is warranted. For that reason, we welcome the chance to contribute text on this clarification in any response that we craft. I also want to (b) (6) to make sure I fully understand the context and motivation for our Q&A analysis. My recollection is that we did that brief Secretary Note (S-1) to provide a high-level summary to Secretary Granholm on the basis for our position because of her known interest in our support to the 90-day study. It was one of the earliest and highest visibility issues our office was doing in her first year. We also were anticipating requests for briefings, so we were leaning forward on preparing

for that eventuality, although that never happened.

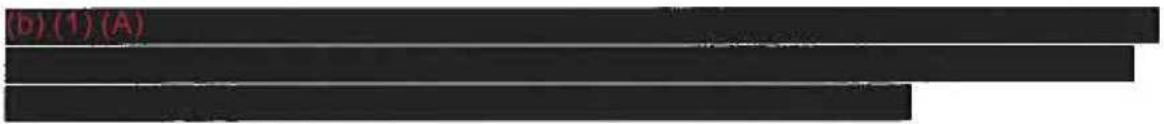
(b) (1) (A)



(b) (1) (A)



(b) (1) (A)



Please let me know if you want to go over this, we can host a conference call, etc.

Thanks, (b) (6)

From: (b)(3)(b)(6)

Sent: Wednesday, August 3, 2022 3:17 PM

To: (b) (6) DOE HQ USA GOV <(b) (6) (b) (6) DOE HQ USA GOV

(b) (6) DOE HQ USA GOV (b) (6)

(b) (6) HQ USA GOV (b) (6)

Cc: (b)(3)(b)(6)

Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)

=====

(b) (6)

(b) (1) (A)



(b) (1) (A)



(b)(3) (b)(6) will start working on a response and we'll coordinate with DOE before we send it to OLA.
HPSCI wants the response by the 18th, so we'll need to move fairly quickly. Thanks – (b)(3)(b)(6)

From: (b)(3)(b)(6)

Sent: Wednesday, August 03, 2022 12:03 PM

To: (b)(3)(b)(6)

Subject: FW: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)



Hey there,

Flagging this latest letter that went to DOE—seems like HPSCI is taking things totally out of context.

Primary report in question: (b)(3)

(b)(3)

(b)(3)(b)(6)

Deputy NIO for WMD & Proliferation – Biological Warfare

National Intelligence Council

(b)(3)(b)(6)



From: (b) (6) DOE HQ USA GOV <(b) (6)

Sent: Wednesday, August 03, 2022 11:54 AM

To: (b)(3)(b)(6)

Cc: (b) (6) DOE USA GOV <(b) (6)

DOE USA GOV

(b) (6)

DOE USA GOV <(b) (6)

Subject: FW: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)(b)(6)

(b)(3)(b)
(6)

Here's the request from HPSCI minority.

(b) (6)

From: (b)(3)(b)(6)

Sent: Wednesday, August 3, 2022 10:14 AM

To: (b) (6) DOE HQ USA GOV <(b) (6)

Cc: (b) (6) DOE HQ USA GOV .(b) (6)

(b) (6) (b)(3)(b)(6) (b)(3)(b)(6)

(b)(3)(b)(6)

Subject: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)(b)(6)

Hi (b) (6)

I hope you are all well. Please find enclosed a new letter to ODNI from HPSCI minority on COVID origins. (b) (1) (A)

We'll pass this on to NIO WMD to draft a response, and ask them to reach out to (b) (6) group to coordinate. It's good to be in touch again and I hope you are all well. Please let us know if you have any questions.

Best,

(b)(3)(b)(6)

(b)(3)(b)(6)

Branch Chief, Budget and Operations Group

ODNI Office of Legislative Affairs

(b)(3)

Classification: (b)(3)

(b)(3)

Classification:

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From: (b) (6) [DOE HQ USA GOV](#)
To: (b) (6) [DOE HQ USA GOV](#); (b) (6) [DOE HQ USA GOV](#)
Cc: (b) (6) [DOE HQ USA GOV](#); (b) (6) [DOE HQ USA GOV](#); (b) (6) [DOE HQ USA GOV](#)
Subject: (b) (1) (A)
Date: Monday, August 15, 2022 9:49:51 AM

Classification: (b) (3)

Classified By: (b) (6) Technical Advisor
Derived From: CG-IN-2 DOE OC, ODNI CG
Declassify On: 50X1-HUM

=====
+(b) (6) and (b) (6)

(b) (1) (A)

From: (b) (6) [USA CTR](#) (b) (6)

Sent: Friday, August 12, 2022 4:42 PM

To: (b) (3), (b) (6) (b) (3), (b) (6)

(b) (3), (b) (6)

(b) (3), (b) (6)

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(b) (3), (b) (6) DOE HQ USA GOV

(b) (3), (b) (6)

DOE HQ USA GOV <(b) (3), (b) (6)

(b) (3), (b) (6)

Subject: (b) (1) (A)

Classification: (b) (3)

Hi (b)(3)(b)

(b) (1) (A)

(b) (6)

v/r,

(b) (6)

X32122, CBW Branch SME

PWW TDNA/TAR

(b) (6)

Branch Leadership: (b) (6)

Branch Alias: (b) (6)

From: (b)(3)(b)(6)

Sent: Thursday, August 11, 2022 10:52 AM

To: (b) (3), (b) (6)

(b) (3), (b) (6)

(b) (3), (b) (6)(b)(3)(b)(6)

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Cc: (b)(3)(b)(6)

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(b) (3), (b) (6)

(b) (3), (b) (6)

Subject: (b) (1) (A)

Classification: (b)(3)

(b)(3)

[REDACTED]

=====

Good morning all,

Thanks for all of the comments—this is coming together!

I've attached the updated draft—I took almost everything and tried to streamline across the board. I have one clarification question embedded in the first para. **If you have anything else, please let me know by NOON tomorrow, so this is wrapped up before (b)(3) gets back.**

Appreciate all of the help,

(b)(3)(b)(6)

[REDACTED]

Deputy NIO for WMD & Proliferation – Biological Warfare

National Intelligence Council

(b)(3)

[REDACTED]

From:(b) (6)

Sent: Thursday, August 11, 2022 8:43 AM

To:(b)(3)(b)(6) (b) (6) DOE USA GOV

(b) (6) DOE USA GOV <(b) (6)

DOE USA GOV (b) (6) DOE USA GOV <(b) (6) >;

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Cc: (b)(3)(b)(6)

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DOE USA GOV

(b) (6)

DOE USA GOV

DOE USA GOV (b) (6)

Subject: (b) (1) (A)

Classification: (b)(3)

(b)(3)

Good morning (b)(3)

Please see CIA's comments attached. We support your recommendation to (b)(5)
(b)(5) and would request that the NIC let us know if this changes as the draft letter goes through NIC and ODNI coordination.

Thanks as always, and please let us know if you have any questions.

Best,

(b) (6)

(b) (6)

Weapons and Counterproliferation Mission Center

Chemical and Biological Department / Weapons, Modeling, Agents Analysis Branch (WMAAB)

(b) (6) {new} | (b) (6) {new}

iCemail: (b) (6)

SIPRnet: (b) (6)

Open: (b) (6)

From: (b) (6) DOE HQ USA GOV <(b) (6)>

Sent: Wednesday, August 10, 2022 2:19 PM

To: (b)(3)(b)(6) | (b) (6) DOE USA GOV

(b) (6) (b) (6)

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Cc: (b)(3)(b)(6)

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DOE USA GOV

DOE USA GOV (b) (6)

DOE USA GOV (b) (6)

Subject: (b) (1) (A)

Classification: (b)(3)

(b)(3)(b)(6)

Hello, thanks for including us, (b)(3)(b)(6)

We feel the letter needs to more directly get at our perception of the main source of the confusion to reduce the potential that any of the IC's efforts in good faith could be construed as deliberately misleading.

(b) (1) (A)

[REDACTED]

As a reminder, this brief note to our Secretary was meant to logically accompany deep dive briefings to properly get at the nuance of this issue, but we clearly traded too much clarity for brevity.

We are happy to discuss this with the NIC or any other partner you would like. Hope this helps.

Thanks, (b) (6)

From: (b)(3)(b)(6)

Sent: Tuesday, August 9, 2022 8:49 PM

To: (b) (6)
GOV.(b) (6)
(b) (6)
(b) (6)
(b) (6)
(b) (6)

(b) (6) (b) (3)(b)(6) (b) (6)
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(b) (3)(b)(6) (b) (3)(b)(6)
(b) (3)(b)(6) (b) (3)(b)(6)
Cc: (b) (3)(b)(6)
(b) (3)(b)(6)

Subject: (b) (1) (A)

Classification: (b) (3)

(b) (3)

(b) (3)

Good evening all,

Thanks for everyone's continued attention on COVID origins—I know it's not easy!

At this point, I've spoken to someone from all of your organizations, so you have known that this is coming. Please see the attached ***draft*** response to the attached letter received from the HPSCI minority on 2 August 2022. **I'd welcome any thoughts/comments/additions/tweaks by noon on Thursday (11 August).** A few things to keep in mind:

- The DNI is aware of the plan forward to write a letter and we need something into our taskers system by the end of the weekend for ODNI review at (b) (3) (b) (6) is coming in over the weekend to review this, so it NEEDS to be sent to (b) (3) (b) (6) by Friday.
- I'm attaching some reporting roll-ups that I have pulled together to quickly do a scrub.

• (b)(5)

• (b)(5)

(b)(3)(b)(6) tomorrow as to whether it is safer to wait for (b)(3)(b)(6) review before submitting.

I'll chat with

I think that is it—hope everyone is having a lovely evening.

(b)(3)(b)(6)

Deputy NIO for WMD & Proliferation – Biological Warfare
National Intelligence Council

(b)(3)

===== (b)(3)

Classification:

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Classification:

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Classification:

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Classification:

Classified By: (b) (6)

Derived From: NSA/CSSM 1-52

Dated: 20180110

Declassify On: 20470801

Classification: (b)(3)

=====

Classification: (b)(3)

From: (b)(3)(b)(6)
To: (b) (6) JSAF USA GOV
Subject: (b)(3) RE: (b)(3)(b)(6) ...coronavirus...Reporting - BCC distro version (b)(3)
(D)(3)
Date: Monday, August 15, 2022 5:22:34 PM

Classification: (b)(3)

(b)(3)

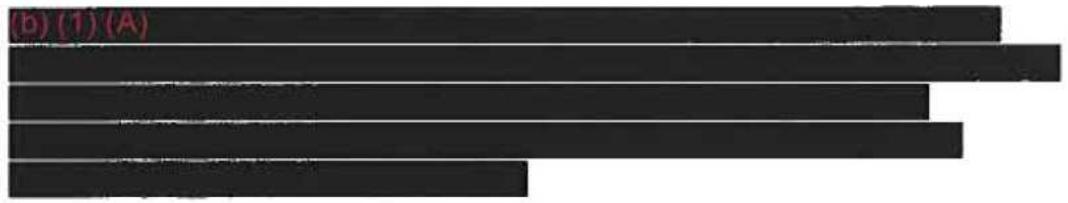
(U) The following comments are provided in personal analytic capacity only. They do NOT reflect the views or positions of any office, agency, or service. Please do not cite or forward without prior discussion.

(U) It's been a while since I sent one of these – please bear with the recap, for some who are new to this thread.

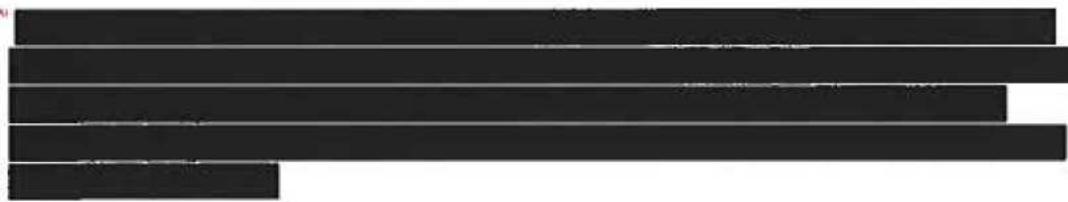
(b) (3) (A)

1919

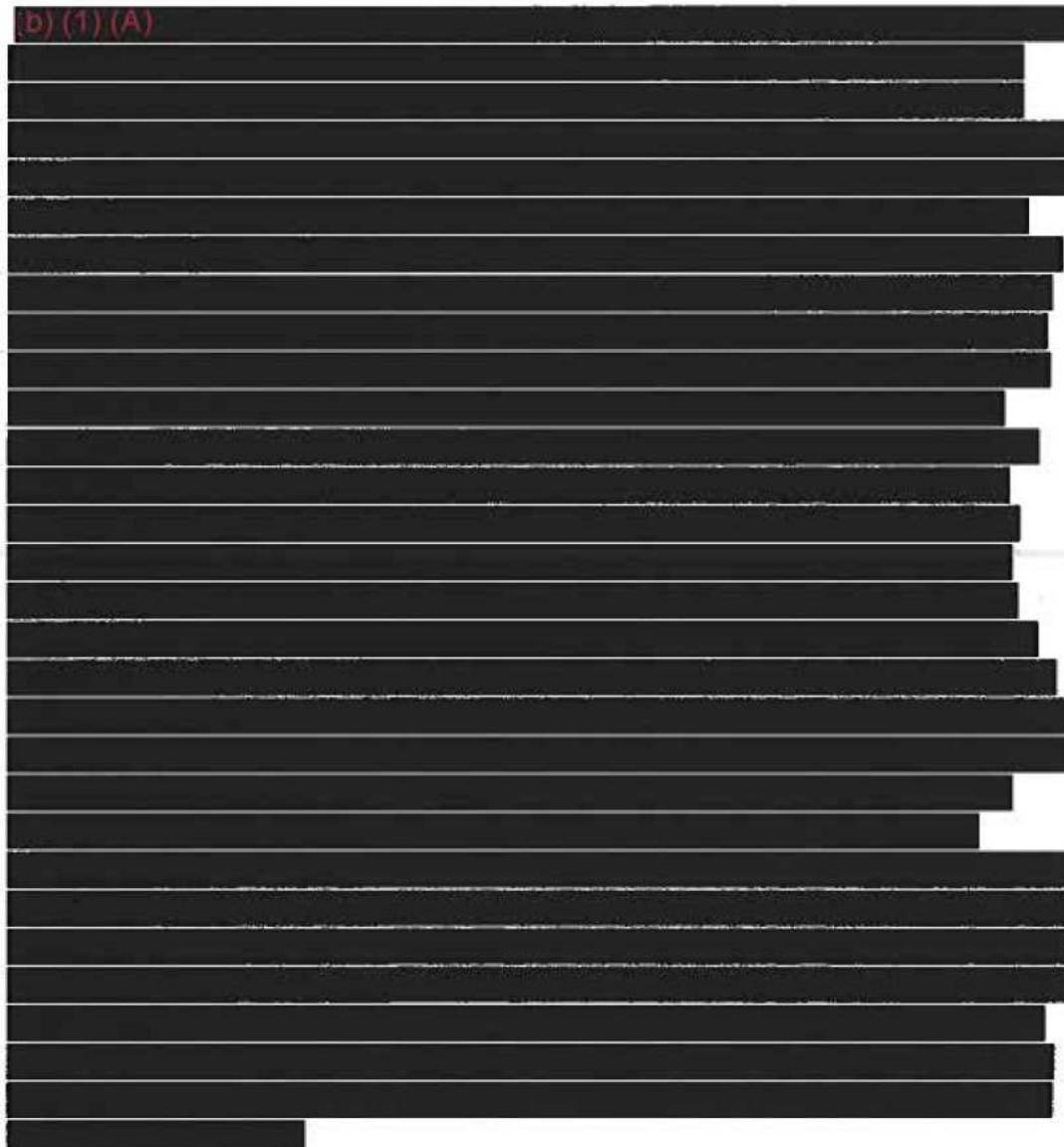
(b) (1) (A)



(b) (1)



• (b) (1) (A)



(b)(3)

(b)(3)(b)(6)

(U) The preceding comments are provided in personal analytic capacity only. They do NOT reflect the views or positions of any office, agency, or service. Please do not cite or forward without prior discussion.

(b)(3)

=====Classification: (b)(3)=====

include us in answering the HPSCI request. I've yet to coordinate with our congressional liaison and I want to talk with (b) (6) next week (he's out right now). That said, I wanted to continue sharing some of our thinking and provide you our continued support.

I agree with (b) (3) that HPSCI is taking things out of context, but I do think clarifying what we were saying in the Q&A analysis section implicated in the request is warranted. For that reason, we welcome the chance to contribute text on this clarification in any response that we craft. I also want to (b) (6) make sure I fully understand the context and motivation for our Q&A analysis. My recollection is that we did that brief Secretary Note (S-1) to provide a high-level summary to Secretary (b) (6) on the basis for our position because of her known interest in our support to the 90-day study. It was one of the earliest and highest visibility issues our office was doing in her first year. We also were anticipating requests for briefings, so we were leaning forward on preparing for that eventuality, although that never happened.

(b) (1) (A)



(b) (1) (A)



Please let me know if you want to go over this, we can host a conference call, etc.

Thanks, (b) (6)

From: (b) (3)

Sent: Wednesday, August 3, 2022 3:17 PM

To: (b) (6) DOE HQ USA GOV <(b) (6)>; (b) (6) DOE HQ USA GOV
(b) (6) DOE HQ USA GOV <(b) (6)

(b) (6) DOE HQ USA GOV <(b) (6)

Cc: (b) (3)

Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)

Paul,

(b) (1) (A)

(b)(3) [REDACTED] will start working on a response and we'll coordinate with DOE before we send it to OLA. HPSCI wants the response by the 18th, so we'll need to move fairly quickly. Thanks – (b)(3)(b) (6)

From: (b)(3)(b)(6)

Sent: Wednesday, August 03, 2022 12:03 PM

To: (b)(3)(b)(6)

Subject: FW: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)

Hey there,

Flagging this latest letter that went to DOE—seems like HPSCI is taking things totally out of context.

Primary report in question (b)(3)

(b)(3)

(b)(3)(b)(6)

Deputy NIO for WMD & Proliferation – Biological Warfare

National Intelligence Council

(b)(3)

(b)(3)

From: (b) (6) DOE HQ USA GOV <(b) (6)

Sent: Wednesday, August 03, 2022 11:54 AM

To: (b)(3)(b)(6)

Cc: (b) (6) DOE USA GOV <(b) (6)

DOE USA GOV

(b) (6)

Subject: FW: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)(b)(6)

(b)(3)(b)
(6)

Here's the request from HPSCI minority.

(b) (6)

From: (b)(3)(b)(6)

Sent: Wednesday, August 3, 2022 10:14 AM

To: (b) (6)

Cc: (b) (6)

(b) (6)

(b)(3)(b)(6)

(b)(3)(b)(6)

Subject: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)

Hi (b) (6)

I hope you are all well. Please find enclosed a new letter to ODNI from HPSCI minority on COVID origins. (b)(1)(A)

We'll pass this on to NIO WMD to draft a response, and ask them to reach out to (b) (6) group to coordinate. It's good to be in touch again and I hope you are all well. Please let us know if you have any questions.

Best,

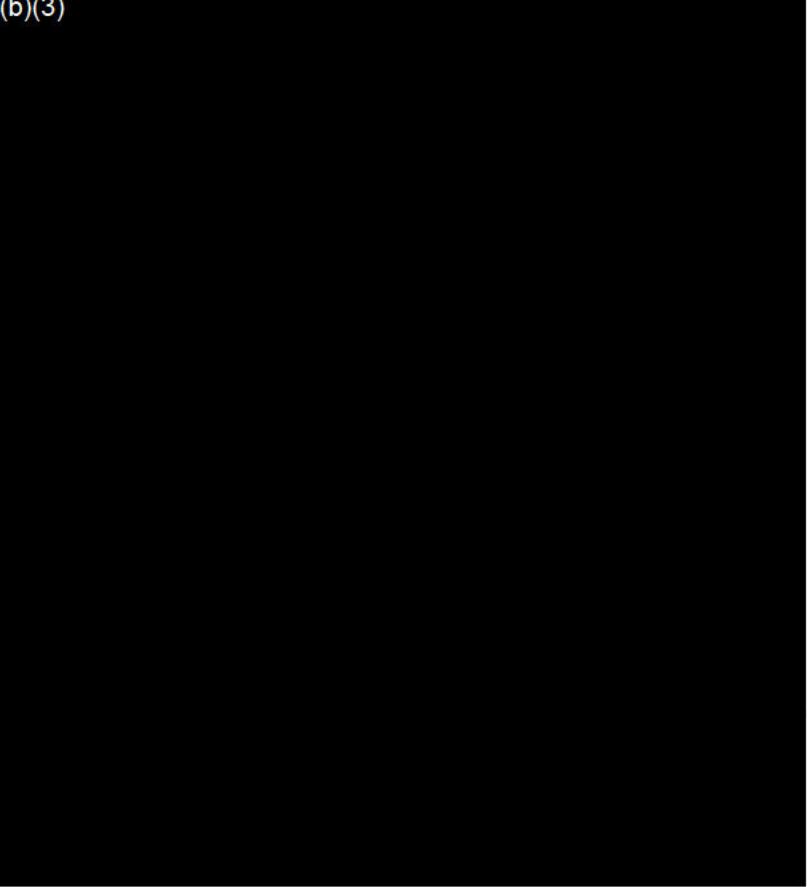
(b)(3)
(b)(6)

(b)(3)(b)(6)

Branch Chief, Budget and Operations Group

ODNI Office of Legislative Affairs

(b)(3)



===== (b)(3)

Classification:

=====

Classification:

From: (b) (6) DOE HQ USA GOV
To: (b) (6) DOE HQ USA GOV
Cc: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA GOV
Subject: RE: HPSCI Letter to ODNI on COVID Origins
Date: Monday, August 8, 2022 3:21:00 PM

Classification: (b) (3)

Classified By: (b) (6)

Derived From: ODNI CG

Declassify On: 20471231

Paul,

Thanks to you and the team for managing this while I was out. I see the full chain now and our preliminary response. (b) (1) (A), (b) (6)



If you have any other questions for me, or if there is anything else I can help with let me know.

(b) (6)
(b) (3), (b) (6)
DOE-IN
Office: (b) (6)
Secure: (b) (6)
Govt Cell: (b) (6)

From: (b) (6) DOE HQ USA GOV (b) (6)
Sent: Friday, August 5, 2022 1:14 PM
To: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA
GOV (b) (6)
Cc: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA
GOV (b) (6) (b) (6) DOE HQ USA GOV (b) (6)
(b) (6) DOE HQ USA GOV (b) (6)
Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3), (b) (6)

Classified By: (b) (6) Branch Chief

Derived From: ODNI CG

Declassify On: 20471231

Thanks, (b) (6)

(b) (6)

From:(b) (6) DOE HQ USA GOV (b) (6)
Sent: Friday, August 5, 2022 12:19 PM
To:(b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA GOV
(b) (6)
Cc:(b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA
GOV (b) (6) (b) (6) DOE HQ USA GOV (b) (6)
(b) (6) DOE HQ USA GOV (b) (6)
Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3), (b) (6)

Classified By: (b) (6) Deputy, DOE IN10
Derived From: ODNI CG
Declassify On: 20471231

(b) (6)

We discussed this a couple of days ago and it doesn't appear to me that anything has changed, so I don't see a need to discuss this again.

I read the document by the way, including the portion that you thought could be confusing, but it seemed clear to me.

(b) (6)

From:(b) (6) DOE HQ USA GOV (b) (6)
Sent: Friday, August 5, 2022 12:05 PM
To:(b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA GOV
(b) (6)
Cc: (b) (6) HQ USA GOV (b) (6) DOE HQ USA
GOV (b) (6) DOE HQ USA GOV (b) (6)
(b) (6) DOE HQ USA GOV (b) (6)
Subject: FW: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3), (b) (6)

Classified By: (b) (6) Branch Chief
Derived From: ODNI CG
Declassify On: 20471231

=====

FYI - (b) (6)

We are hoping to contribute to the NIC's response, they have until 18 August. Do either of you want to walk through this?

Thanks, (b) (6)

From: (b) (6) DOE HQ USA GOV
Sent: Friday, August 5, 2022 10:40 AM
To: (b) (3) (A), (b) (6)
Cc: (b) (3) (A), (b) (6) (b) (6) HQ USA GOV
(b) (6) >
(b) (6)
Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3) (A)

(b) (3) (A), (b) (6)

=====

(b) (3) (A), (b) (6) – please consider this a preliminary response and thank you for continuing to include us in answering the HPSCI request. I've yet to coordinate with our congressional liaison and I want to talk with (b) (6) next week (he's out right now). That said, I wanted to continue sharing some of our thinking and provide you our continued support.

I agree with (b) (3) (A), (b) (6) that HPSCI is taking things out of context, but I do think clarifying what we were saying in the Q&A analysis section implicated in the request is warranted. For that reason, we welcome the chance to contribute text on this clarification in any response that we craft. I also want to (b) (6) to make sure I fully understand the context and motivation for our Q&A analysis. My recollection is that we did that brief Secretary Note (S-1) to provide a high-level summary to Secretary Granholm on the basis for our position because of her known interest in our support to the 90-day study. It was one of the earliest and highest visibility issues our office was doing in her first year. We also were anticipating requests for briefings, so we were leaning forward on preparing for that eventuality, although that never happened.

(b) (1) (A)

=====

(b) (1) (A) [REDACTED]

(b) (1) (A) [REDACTED]

(b) (1) (A) [REDACTED]

Please let me know if you want to go over this, we can host a conference call, etc.

Thanks, (b) (6)

From: (b)(3)(b)(6) [REDACTED]

Sent: Wednesday, August 3, 2022 3:17 PM

To: (b) (6)

(b) (6)

(b) (6)

Cc: (b)(3)(b)(6) [REDACTED]

Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3) [REDACTED]

(b)(3) [REDACTED]

Paul,

(b) (1) (A) [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

(b) (5)

Here's the request from HPSCI minority.

(b) (6)

From: (b)(3)(b)(6)

Sent: Wednesday, August 3, 2022 10:14 AM

To: (b) (6)

Cc:(b) (6)

(b) (6)

(b)(3)(b)(6)

(b)(3)(b)(6)

Subject: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)

Hi (b) (6)!

I hope you are all well. Please find enclosed a new letter to ODNI from HPSCI minority on COVID origins. (b) (1) (A)

We'll pass this on to NIO WMD to draft a response, and ask them to reach out to (b) (6) group to coordinate. It's good to be in touch again and I hope you are all well. Please let us know if you have any questions.

Best,

(b)(3)(b)(6)

(b)(3)(b)(6)

Branch Chief, Budget and Operations Group

ODNI Office of Legislative Affairs

(b)(3)

Classification: (b)(3)

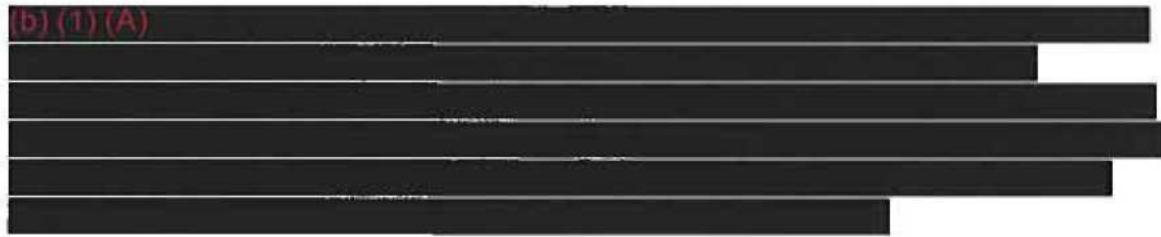
Classification:

Classification:

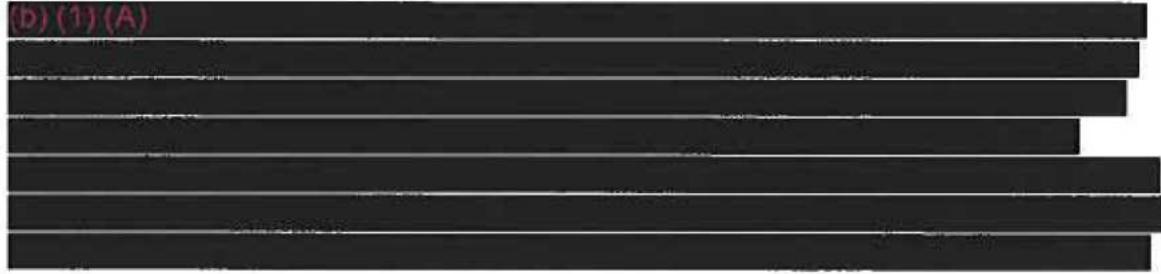
Classification:

Classification:

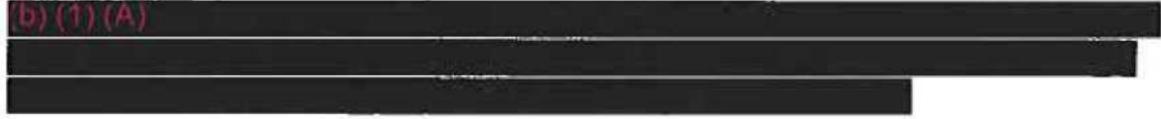
(b) (1) (A)



(b) (1) (A)



(b) (1) (A)



Please let me know if you want to go over this, we can host a conference call, etc.

Thanks, (b) (6)

From: (b)(3)(b)(6)

Sent: Wednesday, August 3, 2022 3:17 PM

To: (b) (6)

(b) (6)

(b) (6)

Cc: (b)(3)(b)(6)

Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

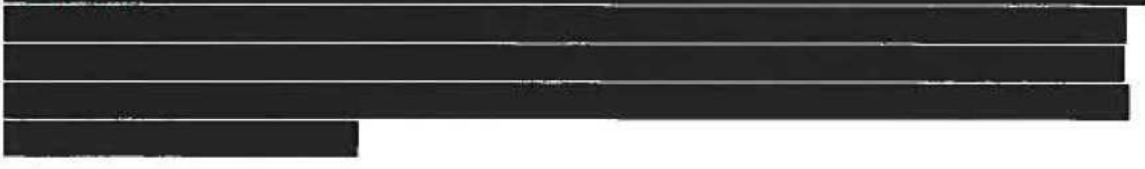
(b)(3)

(b) (6)

Thanks for forwarding. (b) (1) (A)



(b) (1) (A)



(b)(3)(b)(6) will start working on a response and we'll coordinate with DOE before we send it to OLA.
HPSCI wants the response by the 18th, so we'll need to move fairly quickly. Thanks – (b)(3)(b)(6)

From: (b)(3)(b)(6)

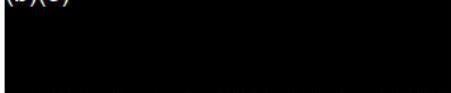
Sent: Wednesday, August 03, 2022 12:03 PM

To: (b)(3)(b)(6)

Subject: FW: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)



Hey there,

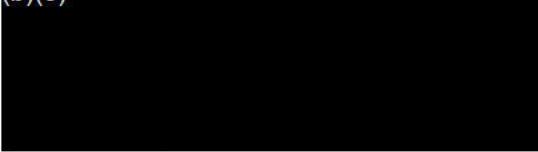
Flagging this latest letter that went to DOE—seems like HPSCI is taking things totally out of context.

(b)(3)
Primary report in question
(b)(3)



(b)(3)(b)(6)

Deputy NIO for WMD & Proliferation – Biological Warfare
National Intelligence Council
(b)(3)



From: (b) (6)

Sent: Wednesday, August 03, 2022 11:54 AM

To: (b)(3)(b)(6)

Cc: (b) (6)

<(b) (6)

Subject: FW: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)(b)(6)

=====

(b)(3)(b)
(c)

Here's the request from HPSCI minority.

(b) (6)

From: (b)(3)(b)(6)
Sent: Wednesday, August 3, 2022 10:14 AM
To: (b) (6)
Cc: (b) (6)
<(b) (6)>
(b)(3)(b)(6)
(b)(3)(b)(6)
Subject: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)

=====

Hi (b) (6)

I hope you are all well. Please find enclosed a new letter to ODNI from HPSCI minority on COVID origins. (b) (1) (A)

We'll pass this on to NIO WMD to draft a response, and ask them to reach out to (b) (6) group to coordinate. It's good to be in touch again and I hope you are all well. Please let us know if you have any questions.

Best,

(b)(3)(b)(6)

(b)(3)(b)(6)

Branch Chief, Budget and Operations Group
ODNI Office of Legislative Affairs

(b)(3)

=====

Classification: (b)(3)

=====

Classification:

===== (b)(3)
Classification:

===== Classification:

From: (b) (6) [DOE HQ USA GOV](#)
To: (b) (6) [DOE HQ USA GOV](#) (b) (6) [DOE HQ USA GOV](#)
Subject: RE: HPSCI Letter to ODNI on COVID Origins
Date: Friday, August 5, 2022 2:41:00 PM
Attachments: (b) (1) (A)

Classification: (b) (3)

Classified By: (b) (6) Technical Advisor
Derived From: ODNI CG
Declassify On: 20471231

Here ya go!

From: (b) (6) [DOE HQ USA GOV](#) (b) (6)

Sent: Friday, August 5, 2022 2:37 PM

To: (b) (6) [DOE HQ USA GOV](#) (b) (6)
(b) (6)

[DOE HQ USA GOV](#)

Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3)

Classified By: (b) (6) Deputy, DOE IN10
Derived From: ODNI CG
Declassify On: 20471231

I don't think that I have seen the letter. Could you send it to me? I have seen a letter on the low side, but it is asking for general information (everything the IC has on COVID since the 90 report, as opposed to referencing a specific DOE report.)

From: (b) (6) [DOE HQ USA GOV](#) (b) (6)

Sent: Friday, August 5, 2022 12:05 PM

To: (b) (6) [DOE HQ USA GOV](#) (b) (6)
(b) (6)

[DOE HQ USA GOV](#)

Cc: (b) (6) [DOE HQ USA GOV](#) (b) (6)

[DOE HQ USA](#)

GOV (b) (6)

[DOE HQ USA GOV](#) (b) (6)

(b) (6) [DOE HQ USA GOV](#) (b) (6)

Subject: FW: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3)

Classified By: (b) (6) Branch Chief
Derived From: ODNI CG
Declassify On: 20471231

FYI - (b) (6)

We are hoping to contribute to the NIC's response, they have until 18 August. Do either of you want to walk through this?

Thanks, (b) (6)

From: (b) (6) DOE HQ USA GOV
Sent: Friday, August 5, 2022 10:40 AM
To: (b) (3) (A), (b) (6)
Cc: (b) (3) (A), (b) (6) (b) (6)
<(b) (6)
(b) (6)
Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3)

Classified By: (b) (6) Branch Chief
Derived From: ODNI CG
Declassify On: 20471231

=====

(b) (3) (A), (b) (6) - please consider this a preliminary response and thank you for continuing to include us in answering the HPSCI request. I've yet to coordinate with our congressional liaison and I want to talk with (b) (6) next week (he's out right now). That said, I wanted to continue sharing some of our thinking and provide you our continued support.

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(b) (1) (A)

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

(b) (1) (A)

[REDACTED]

[REDACTED]

[REDACTED]

(b) (1) (A)

(b) (1) (A)

Please let me know if you want to go over this, we can host a conference call, etc.

Thanks, (b) (6)

From: (b)(3)(b)(6)

Sent: Wednesday, August 3, 2022 3:17 PM

To: (b) (6) DOE HQ USA GOV (b) (6)

DOE HQ USA GOV

(b) (6)

A DOE HQ USA GOV <(b) (6)

(b) (6) DOE HQ USA GOV <(b) (6)

Cc: (b)(3)(b)(6)

Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)

(b) (6)

(b) (1) (A)

(b)(3)(b)(6) will start working on a response and we'll coordinate with DOE before we send it to OLA. HPSCI wants the response by the 18th, so we'll need to move fairly quickly. Thanks – (b)(3)(b)

From: (b)(3)(b)(6)

Sent: Wednesday, August 03, 2022 12:03 PM

To: (b)(3)(b)(6)

Subject: FW: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)

Hey there,

Flagging this latest letter that went to DOE—seems like HPSCI is taking things totally out of context.

Primary report in question (b)(3)

(b)(3)

(b)(3)(b)(6)

Deputy NIO for WMD & Proliferation – Biological Warfare

National Intelligence Council

(b)(3)

From: (b) (6) DOE HQ USA GOV (b) (6)

Sent: Wednesday, August 03, 2022 11:54 AM

To: (b)(3)(b)(6)

Cc: (b) (6) DOE USA GOV <(b) (6)

DOE USA GOV

(b) (6) DOE USA GOV <(b) (6)

Subject: FW: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)(b)(6)

(b)(3)(b)(6)

Here's the request from HPSCI minority.

(b) (6)

From: (b)(3)(b)(6)

Sent: Wednesday, August 3, 2022 10:14 AM

To: (b) (6)
cc: (b) (6)
(b) (6)
(b)(3)(b)(6)

DOE HQ USA GOV <(b) (6)
DOE HQ USA GOV <(b) (6)

b)(3)(b)(6)

DOE HQ USA GOV

Subject: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)
(b)(3)

Hi (b) (6)

I hope you are all well. Please find enclosed a new letter to ODNI from HPSCI minority on COVID origins. (b) (1) (A)

We'll pass this on to NIO WMD to draft a response, and ask them to reach out to (b) (6) group to coordinate. It's good to be in touch again and I hope you are all well. Please let us know if you have any questions.

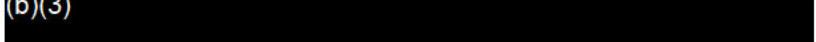
Best,
(b)(3)(b)(6)

(b)(3)(b)(6)
Branch Chief, Budget and Operations Group
ODNI Office of Legislative Affairs
(b)(3)

===== (b)(3)
Classification:

===== Classification:

Classification: (b)(3)



From: (b) (6) DOE HQ USA GOV
To: (b) (6) DOE HQ USA GOV; (b) (6) DOE HQ USA GOV
Subject: RE: HPSCI Letter to ODNI on COVID Origins
Date: Friday, August 5, 2022 2:37:26 PM

Classification: (b) (3)

Classified By: (b) (6) , Deputy, DOE IN10
Derived From: ODNI CG
Declassify On: 20471231

I don't think that I have seen the letter. Could you send it to me? I have seen a letter on the low side, but it is asking for general information (everything the IC has on COVID since the 90 report, as opposed to referencing a specific DOE report.)

From: (b) (6) DOE HQ USA GOV (b) (6)
Sent: Friday, August 5, 2022 12:05 PM
To: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA GOV
(b) (6)
Cc: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA
GOV (b) (6) DOE HQ USA GOV (b) (6)
(b) (6) DOE HQ USA GOV (b) (6)
Subject: FW: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3)

Classified By: (b) (6) Branch Chief
Derived From: ODNI CG
Declassify On: 20471231

FYI – (b) (6)

We are hoping to contribute to the NIC's response, they have until 18 August. Do either of you want to walk through this?

Thanks, (b) (6)

From: (b) (6) DOE HQ USA GOV
Sent: Friday, August 5, 2022 10:40 AM
To: (b) (6) (b) (6)
Cc: (b) (6) DOE HQ USA GOV
(b) (6) DOE HQ USA GOV (b) (6)
Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3)

(b)(3)(b)(6)

=====

(b)(3)(b)(6) - please consider this a preliminary response and thank you for continuing to include us in answering the HPSCI request. I've yet to coordinate with our congressional liaison and I want to talk with (b) (6) next week (he's out right now). That said, I wanted to continue sharing some of our thinking and provide you our continued support.

I agree with (b)(3)(b)(6) that HPSCI is taking things out of context, but I do think clarifying what we were saying in the Q&A analysis section implicated in the request is warranted. For that reason, we welcome the chance to contribute text on this clarification in any response that we craft. I also want to (b) (6) make sure I fully understand the context and motivation for our Q&A analysis. My recollection is that we did that brief Secretary Note (S-1) to provide a high-level summary to Secretary Granholm on the basis for our position because of her known interest in our support to the 90-day study. It was one of the earliest and highest visibility issues our office was doing in her first year. We also were anticipating requests for briefings, so we were leaning forward on preparing for that eventuality, although that never happened.

(b) (1) (A)

=====

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

(b) (1) (A)

=====

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

(b) (1) (A)

=====

[REDACTED]

Please let me know if you want to go over this, we can host a conference call, etc.

Thanks, (b) (6)

(b)(3)(b)(6)

From:

Sent: Wednesday, August 3, 2022 3:17 PM

To: (b) (6) DOE HQ USA GOV <(b) (6)

DOE HQ USA GOV

(b) (6)

DOE HQ USA GOV <(b) (6)

(b) (6)

Cc: (b)(3)(b)(6)

Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)

(b) (6)

(b) (1) (A)

(b)(3)(b)(6) will start working on a response and we'll coordinate with DOE before we send it to OLA.
HPSCI wants the response by the 18th, so we'll need to move fairly quickly. Thanks – (b)(3)(b)(6)

From: (b)(3)(b)(6)

Sent: Wednesday, August 03, 2022 12:03 PM

To: (b)(3)(b)(6)

Subject: FW: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)

Hey there,

Flagging this latest letter that went to DOE—seems like HPSCI is taking things totally out of context.

Primary report in question: (b)(3)

(b)(3)

(b)(3)(b)(6)

Deputy NIO for WMD & Proliferation – Biological Warfare
National Intelligence Council
(b)(3)

From: (b) (6) DOE HQ USA GOV (b) (6)

Sent: Wednesday, August 03, 2022 11:54 AM

(b)(3)(b)(6)

To:

Cc: (b) (6)

(b) (6)

Subject: FW: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)(b)(6)

(b)(3)

Here's the request from HPSCI minority.

(b) (6)

From: (b)(3)(b)(6)

Sent: Wednesday, August 3, 2022 10:14 AM

To: (b) (6)

Cc: (b) (6)

(b) (6)

(b)(3)(b)(6)

Subject: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)

Hi (b) (6)

I hope you are all well. Please find enclosed a new letter to ODNI from HPSCI minority on COVID origins. (b) (1) (A)

(b) (1) (A)

We'll pass this on to NIO WMD to draft a response, and ask them to reach out to (b) (6) group to coordinate. It's good to be in touch again and I hope you are all well. Please let us know if you have any questions.

Best,

(b)(3)

(b)(6)

(b)(3)(b)(6)

Branch Chief, Budget and Operations Group

ODNI Office of Legislative Affairs

(b)(3)



===== (b)(3)
Classification:

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Classification:

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Classification:

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Classification:

From: (b) (6) [DOE HQ USA GOV](#)
To: (b) (6) [DOE HQ USA GOV](#); (b) (6) [DOE HQ USA GOV](#)
Subject: RE: HPSCI Letter to ODNI on COVID Origins
Date: Friday, August 5, 2022 11:13:00 AM

Classification: (b) (3)

Classified By: (b) (6), Technical Advisor
 Derived From: ODNI CG
 Declassify On: 20471231
 =====

(b) (6)

This looks fine to me. (b) (6) and I just had a discussion and she'll fill you in.

(b) (6)

From: (b) (6)
Sent: Friday, August 5, 2022 10:40 AM
To: (b) (3) (A), (b) (6)
Cc: (b) (3) (A), (b) (6) (b) (6)
 (b) (6)
 (b) (6)
Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b) (3) (A)

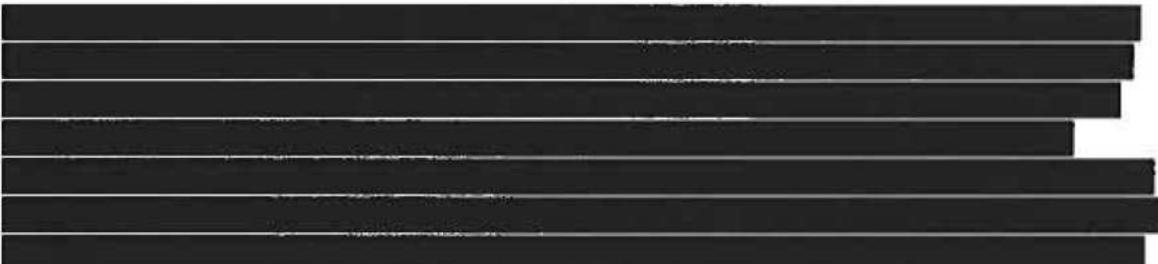
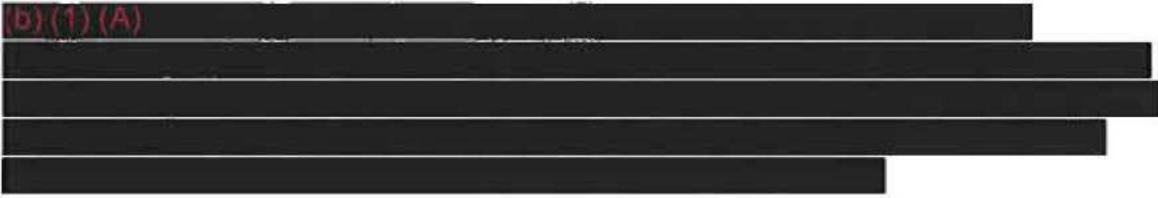
Classified By: (b) (6), Branch Chief
 Derived From: ODNI CG
 Declassify On: 20471231
 =====

(b) (3) (A), (b) (6) – please consider this a preliminary response and thank you for continuing to include us in answering the HPSCI request. I've yet to coordinate with our congressional liaison and I want to talk with (b) (6) next week (he's out right now). That said, I wanted to continue sharing some of our thinking and provide you our continued support.

I agree with (b) (3) (A), (b) (6) that HPSCI is taking things out of context, but I do think clarifying what we were saying in the Q&A analysis section implicated in the request is warranted. For that reason, we welcome the chance to contribute text on this clarification in any response that we craft. I also want to (b) (6) to make sure I fully understand the context and motivation for our Q&A analysis. My recollection is that we did that brief Secretary Note (S-1) to provide a high-level summary to Secretary Granholm on the basis for our position because of her known interest in our support to the 90-day study. It was one of the earliest and highest visibility issues our office was doing in her first year. We also were anticipating requests for briefings, so we were leaning forward on preparing for that eventuality, although that never happened.

(b) (1) (A)

(b) (1) (A)



Please let me know if you want to go over this, we can host a conference call, etc.

Thanks, (b) (6)

From: (b)(3)(b)(6)

Sent: Wednesday, August 3, 2022 3:17 PM

To: (b) (6) DOE HQ USA GOV <(b) (6)
(b) (6)

DOE HQ USA GOV

(b) (6) DOE HQ USA GOV <(b) (6)

Cc: (b)(3)(b)(6)

Subject: RE: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)



(b) (6)



(b) (1) (A)

(b)(3)(b)(6) will start working on a response and we'll coordinate with DOE before we send it to OLA.
HPSCI wants the response by the 18th, so we'll need to move fairly quickly. Thanks – (b)(3)(b)(6)

From: (b)(3)(b)(6)

Sent: Wednesday, August 03, 2022 12:03 PM

To: (b)(3)(b)(6)

Subject: FW: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)

Hey there,

Flagging this latest letter that went to DOE—seems like HPSCI is taking things totally out of context.

Primary report in question: (b)(3)

(b)(3)

(b)(3)(b)(6)

Deputy NIO for WMD & Proliferation – Biological Warfare

National Intelligence Council

(b)(3)

From: (b) (6)

Sent: Wednesday, August 03, 2022 11:54 AM

To: (b)(3)(b)(6)

Cc: (b) (6)

(b) (6)

Subject: FW: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)(b)(6)

=====

(b)(3)(b)
(6)

Here's the request from HPSCI minority.

(b) (6)

From: (b)(3)(b)(6)

Sent: Wednesday, August 3, 2022 10:14 AM

To: (b) (6)

Cc: (b) (6)

(b) (6)

(b)(3)(b)(6)

(b)(3)(b)(6)

Subject: HPSCI Letter to ODNI on COVID Origins

Classification: (b)(3)

(b)(3)

Hi (b) (6)

I hope you are all well. Please find enclosed a new letter to ODNI from HPSCI minority on COVID origins. (b) (1) (A)

We'll pass this on to NIO WMD to draft a response, and ask them to reach out to (b) (6) group to coordinate. It's good to be in touch again and I hope you are all well. Please let us know if you have any questions.

Best,

(b)(3)(b)(6)

(b)(3)(b)(6)

Branch Chief, Budget and Operations Group

ODNI Office of Legislative Affairs

(b)(3)

===== (b)(3)

Classification:

===== Classification:

===== Classification:

===== (b)(3)
Classification: [REDACTED]

=====
Classification: [REDACTED]

=====
Classification: [REDACTED]

SECRET//NOFORN
Working draft

(b) (1) (A)

Commented (b) (6) : (b) (1) (A)

Commented (b) (6) : (b) (1) (A)

Commented (b) (6) : The footnote needs to be brought up into the body, I think.

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Formatted: Font: (Default) +Body (Calibri), Not Italic

Formatted: Font: 11 pt

SECRET//NOFORN
Working draft

(b) (1) (A)

SECRET//NOFORN

Working draft

27 July 2021

(b) (1) (A)

(b) (5)

Commented (b) (6) : (b) (5)

Figure 1. (U) Other coronavirus spike proteins harbor an FCS in the same region (the S1/S2 junction) as the SARS-CoV-2 spike protein. Although two very similar sequences to the SARS-CoV-2 spike protein (Bat-RaTG13 and Pang-CoV) do not contain an FCS, other coronaviruses do contain one (HCoV-HKU1 and HCoV-OC43). In
(b) (5)

Formatted: Font: Italic

Formatted: Superscript

(U) References

1.(b) (3) (A)

SECRET//NOFORN

Working draft

SECRET//NOFORN

Working draft

27 July 2021

(b) (3) (A)



(b) (5)



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SECRET//NOFORN

Working draft

(b) (1) (A)

(b) (1) (A)



Document 12

(b) (1) (A)

(b) (1) (A)

(b) (1) (A)

The DOE-IN POC is (b) (6).

(b) (1) (A)

(U) Context

(b) (1) (A)

(b) (1) (A)

(b) (1) (A)



(U) References

(b) (1) (A)



² (U) | Article | (b) (3) (A)



(b) (3) (A)

(U//FOUO) 90-Day Study Initial Workplan (agreed to on HQ/Lab call on 17 June):

(b) (1) (A)

a. (b) (1) (A)

(b) (1) (A)

(b) (1) (A)

(U) Parking lot (no initial approvals).

1. (U//FOUO) LANL Bayesian Network Analysis – this is a great idea (b) (5)

(b) (5)

2. (U//FOUO) PNNL Pre-Adaptation Analysis – great idea (b) (5)

(b) (5)

(U) Challenges that have not been resolved.

Classified By: (b) (6) Deputy Director
Derived From: C 3/01 DOE OC
Declassify On: 20461231

(b) (3) (A)

(b) (3) (A)

(b) (1) (A)

2. (U//FOUO) How to present the results of our analysis? (b) (5)

(b) (3) (A)

(b) (3) (A)



Intelligence and
Counterintelligence

90-Day Study on Covid-19 Origins
Office of Intelligence & Counterintelligence
July 23, 2021

(b) (3) (A)

Document 14

(b) (1) (A)

(b) (1) (A)

Classified By: <Working Document>
Derived From : Multiple Sources
Declassify On: 20461231

(b) (3) (A)

From: (b) (6) [DOE HQ USA GOV](#)
To: (b) (6) [J DOE HQ USA CTR](#)
Subject: FW: Finalizing Q&A note
Date: Wednesday, October 20, 2021 3:44:00 PM
Attachments: [DOE-IN-HQ-2021-0382-IN.edited DAP MM.docx](#)

Classification: TOP SECRET (b) (1) (A)

Classified By: (b) (6), Technical Advisor
Derived From: CG-IN-2 DOE OC
Declassify On: 20461231
=====

This might help.

From: (b) (6) DOE LLNL USA CTR (b) (6)
Sent: Wednesday, October 6, 2021 9:24 PM
To: (b) (6) DOE HQ USA GOV (b) (6)
Cc: (b) (6) DOE HQ USA GOV (b) (6)
Subject: RE: Finalizing Q&A note

Classification: TOP SECRET (b) (1) (A)

Classified By: (b) (1) (A), (b) (6)
Derived From: C (b) (6) 08/13/01 DOE OC
Declassify On: 20461231
=====

Hi (b) (6)

(S//NF) I added in some references and inserted some comments. (b) (1) (A)

That said, I don't think we need to change anything in the draft (b) (5)

(S//NF) (b) (1) (A)

(b) (5)

Best,
(b) (6)

From: (b) (6) DOE HQ USA GOV (b) (6)
Sent: Tuesday, October 5, 2021 1:49 PM
To: (b) (6) DOE LLNL USA CTR (b) (6)
Cc: (b) (6) DOE HQ USA GOV (b) (6)
Subject: FW: Finalizing Q&A note

Classification: TOP SECRET (b) (1) (A)

Classified By: (b) (6)
Derived From: C OE OC
Declassify On: (b) (3) (A)
=====

(b) (6)

We're still waiting on one last OC release, but now that the moratorium is over, we're hoping to get this out. I have attached the version after our editors looked at it. (b) (5)

Would you be able to help with some of the sourcing? (b) (1) (A)

(b) (5)

(b) (1) (A)

Since you had the lead in drafting this, I wanted to get your thoughts first. I'm open to ideas for possible edits to that bullet, or deleting it entirely.

Let me know if you have any questions or concerns.

(b) (6)
Director, (b) (6)
DOE-IN
Office: (b) (6)
Secure: (b) (6)
Govt Cell: (b) (6)

From: (b) (6) DOE HQ USA GOV
Sent: Tuesday, October 5, 2021 1:20 PM
To: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA GOV
(b) (6) DOE HQ USA GOV (b) (6)
Cc: (b) (6) DOE HQ USA GOV (b) (6)
Subject: Finalizing Q&A note

Classification: ~~TOP SECRET~~ (b) (1) (A)

Classified By: (b) (6)
Derived From: CG-IN-2 DOE OC
Declassify On: (b) (3) (A)
=====

Since hopefully OC release will come through soon, I asked Christine to send me the editors mark up. (b) (5)

(b) (1) (A)

(b) (1) (A)

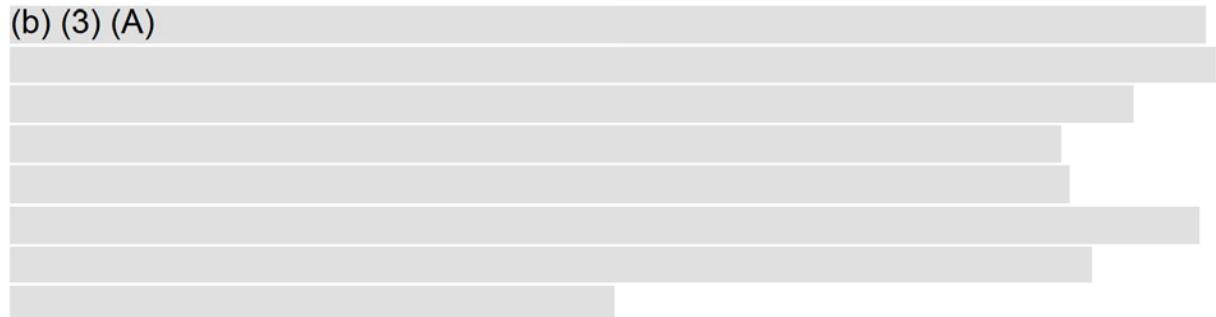


(b) (1) (A)



Let me know what you think.

(b) (3) (A)



(b) (6)

Director: (b) (6)

DOE-IN

Office: (b) (6)

Secure: (b) (6)

Govt Cell: (b) (6)

=====

Classification: TOP SECRET (b) (1) (A)



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Classification: TOP SECRET (b) (1) (A)



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Classification: TOP SECRET (b) (1) (A)



=====

Classification: TOP SECRET (b) (1) (A)



From: (b) (6) [DOE HQ USA GOV](#)
To: (b) (6) [DOE HQ USA GOV](#); (b) (6) [DOE HQ USA GOV](#); (b) (6) [DOE HQ USA GOV](#)
Subject: RE: (U//FOUO) 90 Day Workplan
Date: Tuesday, June 22, 2021 2:24:55 PM
Attachments: [DOE-IN-HQ-2021-0076-BAR 20210615-final_AMproof_pdh.docx](#)
[DOE-IN-HQ-2021-0076-BAR Pre_Pub \(b\) \(6\) \(002\).docx](#)
[DOE-IN-HQ-2021-0076-BAR 20210615-final_AMproof_DAP.docx](#)
[POTUS-90Day-Workplan-DOE-IN DAP.docx](#)

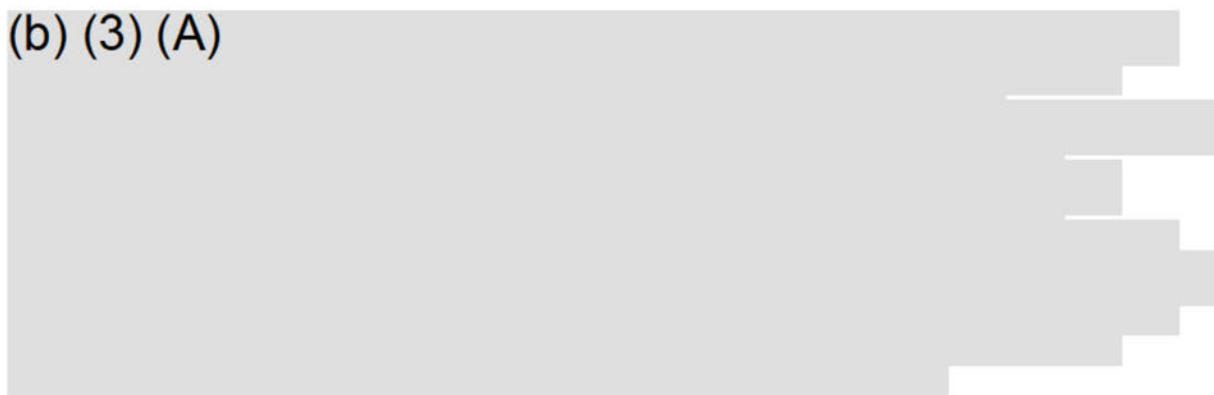
Classification: ~~TOP SECRET~~ (b) (1) (A)

Classified By: (b) (6)

Derived From: CG-IN-1 08/13/01 DOE OC

Declassify On: 20461231

(b) (3) (A)

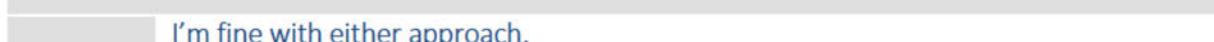


(b) (6)

Thanks for pulling this together. I added a few phrases and some comments just to include some of the things (b) (6) and I discussed when we went over the BAR last Friday. I also attached versions of the BAR with yours, mine, and (b) (6) comments and questions, combined with answers and/or path forward proposed by (b) (6) to resolve them.

(b) (6)

With respect to finishing the BAR, if you think it is ready before (b) (6) or I return, I would coordinate with (b) (6) on how to disseminate it. My thought is we would make it into a pdf, and (b) (6) would provide a list of IC people we send it to, (b) (5)



I'm fine with either approach.

In terms of the cross cleared analysts, I know (b) (6) (b) (5)

I support (b) (6) being one of the people with access to the most sensitive info, as well as you, not sure who you want the 3rd to be.

Let me know if you have any questions.

(b) (6)

Director, (b) (6)

DOE-IN

Office: (b) (6)

Secure: (b) (6)

Govt Cell: (b) (6)

From: (b) (6) DOE HQ USA GOV (b) (6)

Sent: Tuesday, June 22, 2021 12:36 PM

To: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA

GOV (b) (6) C DOE HQ USA GOV (b) (6)

Subject: (U//FOUO) 90 Day Workplan

Classification: ~~TOP SECRET~~ (b) (1) (A)

Classified By: (b) (6), (b) (6)

Derived From: CG-IN-1 08/13/01 DOE OC

Declassify On: 20461231

=====

I would like to leave this behind with the HQ's team when (b) (6) and I are out. We can also send to the labs as a discussion facilitator.

Thoughts?

(b) (6)

===== Classification: ~~TOP SECRET~~ (b) (1) (A) =====

===== Classification: ~~TOP SECRET~~ (b) (1) (A) =====

===== Classification: ~~TOP SECRET~~ (b) (1) (A) =====

From: (b) (6) [DOE HQ USA GOV](#)
To: (b) (6) [DOE HQ USA CTR](#)
Subject: RE: DOE-IN-HQ-2021-0076-BAR 20210622-Final.docx
Date: Wednesday, June 23, 2021 3:49:00 PM
Attachments: [DOE-IN-HQ-2021-0076-BAR 20210622-Final.docx](#)

Classification: ~~TOP~~ (b) (1) (A)

Classified By: (b) (6), Technical Advisor DOE-IN
Derived From: CG-IN-1 08/13/01 DOE OC
Declassify On: 20461231

(b) (5)

the other version. My apologies...

I am send you

From: (b) (6) DOE HQ USA CTR <(b) (6)>
Sent: Wednesday, June 23, 2021 3:48 PM
To: (b) (6) DOE HQ USA GOV <(b) (6)>
Subject: RE: DOE-IN-HQ-2021-0076-BAR 20210622-Final.docx

Classification: ~~TOP SECRET~~ (b) (1) (A)

Classified By: (b) (6), Editor
Derived From: CG-IN-1 08/13/01 DOE OC
Declassify On: 20461231

Who is the contact? That info on the cover page is missing.

From: (b) (6) DOE HQ USA GOV <(b) (6)>
Sent: Wednesday, June 23, 2021 3:43 PM
To: (b) (6) DOE HQ USA CTR <(b) (6)>
Cc: (b) (6) DOE HQ USA GOV <(b) (6)>; (b) (6) DOE HQ USA
GOV <(b) (6)>; (b) (6) DOE HQ USA GOV <(b) (6)>
Subject: FW: DOE-IN-HQ-2021-0076-BAR 20210622-Final.docx

Classification: ~~TOP~~ (b) (1) (A)

Classified By: (b) (6), Technical Advisor DOE-IN
Derived From: CG-IN-1 08/13/01 DOE OC
Declassify On: 20461231

Hi (b) (6),

Here is the draft BAR we just discussed from LANL. You may remember as a TIN. As we both discovered, I do not have access to the FNP document review Sharepoint site so I am sending it via email. I will follow up with (b) (6) as you suggested for access to the site.

Also, as we discussed, we are looking for largely a proofreading/formatting review due to time constraints. It has been coordinated and reviewed and edited by LANL. Let me know if you have any questions. I am copying (b) (6) for their situational awareness. Please let me know if you have questions. I will likely leave early today but I will be in tomorrow and Friday.

Thank you!

(b) (6)

=====

Classification: TOP SECRET (b) (1) (A)

=====

Classification: TOP SECRET (b) (1) (A)

=====

Classification: TOP SECRET (b) (1) (A)

From: (b) (6) [DOE HQ USA GOV](#)
To: (b) (6) [DOE HQ USA GOV](#); (b) (6) [DOE HQ USA GOV](#)
Cc: (b) (6) [DOE HQ USA GOV](#)
Subject: RE: DOE-IN-HQ-2021-0076-BAR
Date: Wednesday, June 16, 2021 4:40:20 PM
Attachments: [DOE-IN-HQ-2021-0076-BAR 20210615-final AMproof pdh.docx](#)

Classification: ~~TOP SECRET~~ (b) (1) (A)

Classified By: (b) (6) , (b) (6)

Derived From: CG-IN-1 08/13/01 DOE OC

Declassify On: 20461231

=====

(b) (6) - Most of my comments are for clarity and context, though I didn't read the appendices closely. (b) (5)

In terms of overall balance per (b) (6) review, (b) (5)

(b) (1) (A)

(b) (5)

Separately, we really need to talk to the labs again and make sure all efforts are synchronized. (b) (5)

(b) (6)

From: (b) (6) DOE HQ USA GOV <(b) (6)>
Sent: Wednesday, June 16, 2021 3:41 PM
To: (b) (6) DOE HQ USA GOV (b) (6) ; (b) (6) DOE HQ USA GOV
<(b) (6)>
Cc: (b) (6) DOE HQ USA GOV <(b) (6)>
Subject: RE: DOE-IN-HQ-2021-0076-BAR

Classification: ~~TOP SECRET~~ (b) (1) (A)

Classified By: (b) (6)

Derived From: CG-IN-1 08/13/01 DOE OC

Declassify On: 20461231

=====

(b) (6) ,

I haven't read this word for word, but based on a review of the sections (b) (6) had questions about, I think (b) (5)

Let me know what you think.

(b) (6)
Director, (b) (6)

DOE-IN

Office: (b) (6)

Secure: (b) (6)

Govt Cell: (b) (6)

From: (b) (6) DOE LANL USA CTR <(b) (6)>
Sent: Wednesday, June 16, 2021 2:20 PM
To: (b) (6) DOE HQ USA GOV <(b) (6)>; (b) (6) DOE HQ USA GOV
<(b) (6)>; (b) (6) DOE HQ USA GOV <(b) (6)>
Cc: (b) (6) DOE LANL USA CTR <(b) (6)>; (b) (6) DOE LANL USA
CTR <(b) (6)>; (b) (6) DOE HQ USA GOV <(b) (6)>
Subject: DOE-IN-HQ-2021-0076-BAR

Classification: ~~TOP SECRET~~ (b) (1) (A)

Classified By: (b) (6), LANL B-10
Derived From: CG-IN-1 08/13/01 DOE OC
Declassify On: 20461231

(b) (6), et al,

As discussed, here is the document in it's as-is status (currently in production going through references check) and we should be ready to hand over the master file tomorrow. I'll be in the office for a few more hours today and again tomorrow if you have questions.

(b) (6)
(b) (3) (A)



(b) (6), PhD
(b) (6) Chair
Los Alamos National Laboratory

Classification: ~~TOP SECRET~~ (b) (1) (A)

=====

Classification: ~~TOP SECRET~~ (b) (1) (A)

=====

Classification: ~~TOP SECRET~~ (b) (1) (A)

From: (b) (6) [DOE HQ USA GOV](#)
To: (b) (6) [DOE PNNL USA CTR](#); (b) (6) [DOE LLNL USA CTR](#); (b) (6) [DOE LANL USA CTR](#)
(b) (6) [DOE PNNL USA CTR](#); (b) (6) [DOE LLNL USA CTR](#); (b) (6) [DOE LANL USA CTR](#)
(b) (6) [DOE PNNL USA CTR](#); (b) (6) [DOE LLNL USA CTR](#); (b) (6) [DOE LANL USA CTR](#)
Cc: (b) (6) [DOE HQ USA GOV](#); (b) (6) [DOE HQ USA GOV](#)
Subject: RE: Draft Q and A in response to NICA questions
Date: Wednesday, August 25, 2021 12:11:00 PM
Attachments: [COVID Q and A response MM PNNL KO KT AS DAP.docx](#)

Classification: ~~TOP SECRET~~ (b) (1) (A)

Classified By: (b) (6)

Derived From: CG-IN-1 08/13/01 DOE OC

Declassify On: 20461231

Thanks for the quick response. If you're still there, I had a couple questions about the comments.
Can you take a quick look?

(b) (6)

Director, (b) (6)

DOE-IN

Office: (b) (6)

Secure: (b) (6)

Govt Cell: (b) (6)

From: (b) (6) [DOE PNNL USA CTR](#) (b) (6)

Sent: Wednesday, August 25, 2021 11:51 AM

To: (b) (6) [DOE LLNL USA CTR](#) (b) (6) [DOE HQ](#)

USA GOV (b) (6) [DOE LANL USA CTR](#)

(b) (6) [DOE PNNL USA CTR](#)

(b) (6) [DOE LLNL USA CTR](#) (b) (6)

[DOE LLNL USA CTR](#) (b) (6)

[DOE PNNL USA CTR](#) (b) (6) [DOE PNNL USA CTR](#)

(b) (6) [DOE PNNL USA CTR](#) (b) (6)

[LLNL USA CTR](#) (b) (6)

Cc: (b) (6) [DOE HQ USA GOV](#) (b) (6) [DOE HQ USA GOV](#)

(b) (6)

Subject: RE: Draft Q and A in response to NICA questions

Classification: ~~TOP SECRET~~ (b) (1) (A)

Classified By: (b) (6)

Derived From: CG-IN-1 08/13/01 DOE OC

Declassify On: 20461231

Hi All,

(U) Please see comments from (b) (6) will send his separately for the PNNL

response.

Thank you,

(b) (6)

(b) (6)

Scientist

Office of Intelligence and Counterintelligence
U.S. Department of Energy
Pacific Northwest National Laboratory
Richland, WA 99354

(b) (6)

From: (b) (6) DOE LLNL USA CTR (b) (6)

Sent: Tuesday, August 24, 2021 4:41 PM

To: (b) (6) DOE HQ USA GOV (b) (6) DOE LANL

USA CTR (b) (6) DOE PNNL USA CTR

(b) (6) DOE PNNL USA CTR (b) (6)

DOE LLNL USA CTR (b) (6) DOE

LLNL USA CTR (b) (6) DOE PNNL USA CTR

(b) (6) DOE PNNL USA CTR (b) (6)

DOE PNNL USA CTR (b) (6) DOE LLNL USA CTR

(b) (6)

Cc: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA GOV

(b) (6)

Subject: RE: Draft Q and A in response to NICA questions

Classification: ~~TOP SECRET~~ (b) (1) (A)

Classified By: (b) (1) (A)

Derived From: C (b) (1) (A) 08/13/01 DOE OC

Declassify On: 20461231

=====

(S//NF) I think it looks good, but as is tradition in the IC, I hung a few ornaments on your Christmas tree. Take or leave the comments as you see fit.

Best,

(b) (6)

From: (b) (6) DOE HQ USA GOV (b) (6)

Sent: Tuesday, August 24, 2021 12:24 PM

To: (b) (6) DOE LANL USA CTR (b) (6) DOE

PNNL USA CTR (b) (6) DOE PNNL USA CTR

(b) (6) DOE LLNL USA CTR (b) (6)

(b) (6) DOE LLNL USA CTR (b) (6)

DOE PNNL USA CTR (b) (6) DOE PNNL USA CTR

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LLNL USA CTR (b) (6)

Cc: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA GOV

(b) (6)

Subject: Draft Q and A in response to NICA questions

Classification: ~~TOP SECRET~~ (b) (1) (A)

Classified By: (b) (6)

Derived From: CG-IN-1 08/13/01 DOE OC

Declassify On: 20461231

=====

Colleagues,

As you may have seen, the NIC assessment on Origins is making its way to POTUS, then senior policymakers including the Secretary of Energy, then Congress and very soon the Key Takeaways will be released unclassified to the public. In order to get ahead of questions from policymakers and the Hill, I pulled together this Q & A summary with a lot of help from (b) (6) , (b) (5)

I'm hoping there isn't anything in here that you all disagree with, but if there is, please let me know ASAP. The NIC assessment probably won't be delivered to S1 until Thursday, so I'd like to get this finalized (in terms of substantive agreement on the points) by no later than mid-day tomorrow (today if possible). (b) (5)

Please let me know what you think. Thanks again to everyone for all your help on this issue.

(b) (3) (A)

(b) (6)

Director, (b) (6)

DOE-IN

Office: (b) (6)

Secure: (b) (6)

Govt Cell: (b) (6)

=====

Classification: TOP SECRET (b) (1) (A)

From: (b) (6) [DOE HQ USA GOV](#)
To: (b) (6) [DOE PNNL USA CTR](#); (b) (6) [DOE PNNL USA CTR](#); (b) (6) [DOE LLNL USA CTR](#); (b) (6) [DOE LANL USA CTR](#); (b) (6) [DOE LLNL USA CTR](#); (b) (6) [DOE PNNL USA CTR](#); (b) (6) [DOE PNNL USA CTR](#); (b) (6) [DOE LLNL USA CTR](#)
Cc: (b) (6) [DOE HQ USA GOV](#); (b) (6) [DOE HQ USA GOV](#)
Subject: RE: Draft Q and A in response to NICA questions
Date: Wednesday, August 25, 2021 1:34:00 PM
Attachments: [COVID Q and A response_Final draft.docx](#)

Classification: ~~TOP SECRET~~ (b) (1) (A)

Classified By: (b) (6)

Derived From: CG-IN-1 08/13/01 DOE OC

Declassify On: 20461231

Thanks everyone for all your help with this. I've attached what I consider to be the final adjudicated draft. (b) (5)

We are certainly able to use this internally as a reference document to provide TP's in response to questions about DOE's position, which will be important because I'm sure questions will come, so I don't think this is time lost.

Please take a look and let me know if anyone has any major concerns with this draft.

Thanks again.

(b) (6)

Director, (b) (6)

DOE-IN

Office: (b) (6)

Secure: (b) (6)

Govt Cell: (b) (6)

From: (b) (6) DOE PNNL USA CTR <(b) (6)>
Sent: Wednesday, August 25, 2021 1:01 PM
To: (b) (6) DOE HQ USA GOV <(b) (6)>; (b) (6) DOE PNNL USA CTR <(b) (6)>; (b) (6) DOE LLNL USA CTR <(b) (6)>; (b) (6) DOE LANL USA CTR <(b) (6)>; (b) (6) DOE LLNL USA CTR <(b) (6)>; (b) (6) DOE PNNL USA CTR <(b) (6)>; (b) (6) DOE PNNL USA CTR <(b) (6)>; (b) (6) DOE LLNL USA CTR <(b) (6)>; (b) (6) DOE HQ USA GOV <(b) (6)>; (b) (6) DOE HQ USA GOV <(b) (6)>
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Subject: RE: Draft Q and A in response to NICA questions

Classification: ~~TOP SECRET~~ (b) (1) (A)

Classified By: (b) (6)
Derived From: CG-IN-1 08/13/01 DOE OC
Declassify On: 20461231
=====

(U) Not too much to add but a response or two to (b) (6).

Thanks,
(b) (6)

From: (b) (6) DOE HQ USA GOV <(b) (6)>
Sent: Wednesday, August 25, 2021 9:50 AM
To: (b) (6) DOE PNNL USA CTR <(b) (6)>; (b) (6) DOE
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<(b) (6)>
Subject: RE: Draft Q and A in response to NICA questions

Classification: ~~TOP SECRET~~ (b) (1) (A)

Classified By: (b) (6)
Derived From: CG-IN-1 08/13/01 DOE OC
Declassify On: 20461231
=====

(b) (6), PNNL,

Thanks for the comments. (b) (1) (A)

(b) (5)

(b) (1) (A)

(b) (6)
Director, (b) (6)

DOE-IN

Office: (b) (6)

Secure: (b) (6)

Govt Cell: (b) (6)

From: (b) (6) DOE PNNL USA CTR <(b) (6)>
Sent: Wednesday, August 25, 2021 12:27 PM
To: (b) (6) DOE HQ USA GOV <(b) (6)>; (b) (6) DOE PNNL USA
CTR <(b) (6)>; (b) (6) DOE LLNL USA CTR
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Cc: (b) (6) DOE HQ USA GOV <(b) (6)>; (b) (6) DOE HQ USA GOV
<(b) (6)>
Subject: RE: Draft Q and A in response to NICA questions

Classification: ~~TOP SECRET~~ (b) (1) (A)

Classified By: (b) (6), Ph.D., Sr. Research
Scientist, PNNL
Derived From: CG-IN-1 08/13/01 DOE OC
Declassify On: 20461231
=====

Hi (b) (6),

I worked on this copy independently from (b) (6). I'm looking through your comments on the (b) (6) draft, some of which are already addressed here I think.

Best,
(b) (6)

From: (b) (6) DOE HQ USA GOV (b) (6)
Sent: Wednesday, August 25, 2021 9:11 AM
To: (b) (6) DOE PNNL USA CTR <(b) (6)>; (b) (6) DOE LLNL
USA CTR <(b) (6)>; (b) (6) DOE LANL USA CTR
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<(b) (6) >

Subject: RE: Draft Q and A in response to NICA questions

Classification: ~~TOP SECRET~~ (b) (1) (A)

Classified By: (b) (6)

Derived From: CG-IN-1 08/13/01 DOE OC

Declassify On: 20461231

=====

Thanks for the quick response. If you're still there, I had a couple questions about the comments.
Can you take a quick look?

(b) (6)

Director, (b) (6)

DOE-IN

Office: (b) (6)

Secure: (b) (6)

Govt Cell: (b) (6)

From: (b) (6) DOE PNNL USA CTR <(b) (6) >

Sent: Wednesday, August 25, 2021 11:51 AM

To: (b) (6) A DOE LLNL USA CTR <(b) (6) >; (b) (6) DOE HQ
USA GOV <(b) (6) >; (b) (6) DOE LANL USA CTR

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Subject: RE: Draft Q and A in response to NICA questions

Classification: ~~TOP SECRET~~ (b) (1) (A)

Classified By: (b) (6)

Derived From: CG-IN-1 08/13/01 DOE OC

Declassify On: 20461231

=====

Hi All,

(U) Please see comments from (b) (6) will send his separately for the PNNL response.

Thank you,

(b) (6)

(b) (6)

Scientist

Office of Intelligence and Counterintelligence

U.S. Department of Energy

Pacific Northwest National Laboratory

Richland, WA 99354

(b) (6)

From: (b) (6) DOE LLNL USA CTR <(b) (6) >
Sent: Tuesday, August 24, 2021 4:41 PM
To: (b) (6) DOE HQ USA GOV <(b) (6) >; (b) (6) DOE LANL
USA CTR <(b) (6) >; (b) (6) DOE PNNL USA CTR
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Cc: (b) (6) DOE HQ USA GOV <(b) (6) >; (b) (6) DOE HQ USA GOV
<(b) (6) >
Subject: RE: Draft Q and A in response to NICA questions

Classification: ~~TOP SECRET~~ (b) (1) (A)

Classified By: (b) (1) (A)

Derived From: O (b) (6) 08/13/01 DOE OC

Declassify On: 20461231

{S//NF} I think it looks good, but as is tradition in the IC, I hung a few ornaments on your Christmas tree. Take or leave the comments as you see fit.

Best,

(b) (6)

From: (b) (6) DOE HQ USA GOV <(b) (6) >
Sent: Tuesday, August 24, 2021 12:24 PM
To: (b) (6) DOE LANL USA CTR (b) (6) >; (b) (6) DOE
PNNL USA CTR <(b) (6) >; (b) (6) DOE PNNL USA CTR
<(b) (6) >; (b) (6) DOE LLNL USA CTR <(b) (6) >;
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<(b) (6)>

Subject: Draft Q and A in response to NICA questions

Classification: ~~TOP SECRET~~ (b) (1) (A)

Classified By: (b) (6)

Derived From: CG-IN-1 08/13/01 DOE OC

Declassify On: 20461231

=====

Colleagues,

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Please let me know what you think. Thanks again to everyone for all your help on this issue.

(b) (3) (A)

(b) (6)

Director, (b) (6)

DOE-IN

Office: (b) (6)

Secure: (b) (6)

Govt Cell: (b) (6)

=====

Classification: TOP SECRET (b) (1) (A)

From: (b) (6) [DOE HQ USA GOV](#)
To: (b) (6) [DOE HQ USA GOV](#); (b) (6) [DOE HQ USA GOV](#)
Cc: (b) (6) [DOE HQ USA GOV](#)
Subject: RE: LANL Comments on Furin Paper
Date: Friday, September 10, 2021 11:24:00 AM

Classification: ~~TOP SECRET~~ (b) (1) (A)

Classified By: (b) (6)

Derived From: CG-IN-1 08/13/01 DOE OC

Declassify On: 20461231

=====

(b) (6),

Here are my thoughts on the furin cleavage site paper, and issue in general.

As written, the paper PNNL delivered is far too technical to be something we would give to policymakers as an intelligence assessment. I'm really not qualified to adjudicate the comments because the information is so technically specific, and in general, because this topic requires such very specific skill set and depth of knowledge to adequately debate, it would be best if the debate were held in open scientific literature/forums, rather than in an intelligence assessment. (b) (1) (A)

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

With all that said, I think this is one area where we could actually encourage the labs to publish their scientific views in open forums (b) (5)

[REDACTED] That would enable this debate to occur in the global scientific community where other experts outside of the DOE labs could peer review.

If we go this route, LANL and other labs could provide one more round of comments, for PNNL to consider, and then PNNL could either finalize their paper as a lab product, proceed with writing something in the unclassified world, or both, or neither.

What do you think?

(b) (6)

Director, (b) (6)

DOE-IN

Office: (b) (6)

Secure: (b) (6)

Govt Cell: (b) (6)

From: (b) (6) DOE HQ USA GOV <(b) (6)>

Sent: Friday, September 10, 2021 10:55 AM

To: (b) (6) DOE HQ USA GOV <(b) (6)>; (b) (6) DOE HQ USA GOV
<(b) (6)>
Cc: (b) (6) DOE HQ USA GOV <(b) (6)>
Subject: LANL Comments on Furin Paper

Classification: UNCLASSIFIED//FOUO

=====

(b) (6),

The following are (b) (6) comments on the Furin paper. (b) (5)

(b) (5), (b) (6) (b) (5)

Let me know if you think I
should take a different course of action.

(U) (b) (5)

(b) (1) (A)



(b) (1) (A)

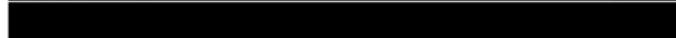


(U) Even the recent Eddie Holmes et al. paper claiming "critical review" has (at least in the preprint stage) some quantification of the prevalence of CGG codons in CoV genomes. (b) (1) (A)



(U) It is vital to note here that Boni (and less stringently the Korber, Georgi, et al. paper) indicate no recent recombination with non-sarbecoviruses in SARS-CoV-2's recent genetic history. (b) (1) (A)

(b) (1) (A)



(U) Re: the small alignment in the memo:

1. (U) There is lots of evidence for recombination in the SARS-CoV-2 genome, for instance the ZXC21/ZC45 sequences and probably other sarbecoviruses; however this snippet of a sequence alignment gives no indication that HKU1 and OC43 are *very distantly* related to SARS-CoV-2 in comparison with RaTG13 and ZXC21/ZC45. The omission of flanking sequence seems either a large mistake or disingenuous
2. (U) We strongly appreciate that post-pandemic CoV sequences are not in in the alignment.

=====Classification: UNCLASSIFIED//FOUO=====

=====Classification: UNCLASSIFIED//FOUO=====

=====Classification: ~~TOP SECRET~~ (b) (1) (A) =====

From: (b) (6) [DOE HQ USA GOV](#)
To: (b) (6) [DOE HQ USA GOV](#); (b) (6) [DOE HQ USA GOV](#)
Cc: (b) (6) [DOE HQ USA GOV](#)
Subject: RE: LANL Comments on Furin Paper
Date: Friday, September 10, 2021 11:27:00 AM

Classification: UNCLASSIFIED//FOUO

(b) (6),

I had not thought of this earlier, but I agree with your point, and I think (b) (5)

(b) (6)

Director, (b) (6)

DOE-IN

Office: (b) (6)

Secure: (b) (6)

Govt Cell: (b) (6)

From: (b) (6) DOE HQ USA GOV <(b) (6)>

Sent: Friday, September 10, 2021 11:17 AM

To: (b) (6) DOE HQ USA GOV <(b) (6)>; (b) (6) DOE HQ USA GOV
<(b) (6)>

Cc: (b) (6) DOE HQ USA GOV <(b) (6)>

Subject: RE: LANL Comments on Furin Paper

Classification: UNCLASSIFIED//FOUO

I'd have to read the FCS paper to see if (b) (5)

That said, I think (b) (6) (b) (5)

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

(b) (5)

(b) (6)

From: (b) (6) DOE HQ USA GOV <(b) (6)>

Sent: Friday, September 10, 2021 10:55 AM

To: (b) (6) DOE HQ USA GOV <(b) (6)>; (b) (6) DOE HQ USA GOV
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Cc: (b) (6) DOE HQ USA GOV <(b) (6)>
Subject: LANL Comments on Furin Paper

Classification: UNCLASSIFIED//FOUO

=====

(b) (6) ,

The following are (b) (6) comments on the Furin paper. (b) (5)

(b) (5), (b) (6) (b) (5)

Let me know if you think I
should take a different course of action.

(U) (b) (5)

[REDACTED]

(b) (1) (A)

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

(b) (1) (A)

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

(U) Even the recent Eddie Holmes et al. paper claiming "critical review" has (at least in the preprint stage) some quantification of the prevalence of CGG codons in CoV genomes. (b) (1) (A)

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

(U) It is vital to note here that Boni (and less stringently the Korber, Georgi, et al. paper) indicate no recent recombination with non-sarbecoviruses in SARS-CoV-2's recent genetic history. (b) (1) (A)

[REDACTED]

(b) (1) (A)

(b) (1) (A)

(U) Re: the small alignment in the memo:

1. (U) There is lots of evidence for recombination in the SARS-CoV-2 genome, for instance the ZXC21/ZC45 sequences and probably other sarbecoviruses; however this snippet of a sequence alignment gives no indication that HKU1 and OC43 are *very distantly* related to SARS-CoV-2 in comparison with RaTG13 and ZXC21/ZC45. The omission of flanking sequence seems either a large mistake or *disingenuous*
2. (U) We strongly appreciate that post-pandemic CoV sequences are not in in the alignment.

=====

Classification: UNCLASSIFIED//FOUO

=====

Classification: UNCLASSIFIED//FOUO

=====

Classification: UNCLASSIFIED//FOUO

=====

(b) (6)

DOE HQ USA GOV

From: (b) (6) DOE HQ USA GOV
Sent: Friday, August 20, 2021 4:37 PM
To: (b) (6) DOE LANL USA CTR; (b) (6) DOE LANL USA CTR
Cc: (b) (6) DOE LANL USA CTR
Subject: RE: DP slides for SSCI staffer
Attachments: McCabe.pdf

Classification: TOP SECRET (b) (1) (A)

Classified By: (b) (6)

Derived From: CG-IN-1 08/13/01 DOE OC

Declassify On: 20461231

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(b) (6)

Thanks much for sending these. I do have some concerns with some slides. Here is a summary:

Cover slide- slide 3: Good

Slide 4 with TIN: Good

With regard to briefing the analysis in the BAR, (b) (5)

[REDACTED]

We are working with your team and PNNL and LLNL to finalize a series of products that capture the work the labs did in support of COVID origins for broader dissemination. (b) (6) can give you more detail on where all those efforts stand. (b) (5)

(b) (1) (A)

[REDACTED]

(b) (5)

(b) (6)

Director, (b) (6)

DOE-IN

Office: (b) (6)

Secure: (b) (6)

Govt Cell: (b) (6)

From: (b) (6) DOE LANL USA CTR (b) (6)

Sent: Friday, August 20, 2021 4:12 PM

To: (b) (6) DOE HQ USA GOV (b) (6)

Subject: DP slides

Classification: TOP SECRET (b) (1) (A)

Classified By: (b) (6) Ph.D., (b) (6)

Derived From: CG-IN-1 08/13/01 DOE OC

Declassify On: 20461231

=====

(b) (6)

Attached are the slides (b) (6) planned to present.

V/r,

(b) (6) Ph.D.

Program Director (Acting)

(b) (6)

Los Alamos National Laboratory

Los Alamos, NM 87544

Secure: (b) (6)

Open: (b) (6)

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Classification: TOP SECRET (b) (1) (A)

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Classification: TOP SECRET (b) (1) (A)

(b) (6)

DOE HQ USA GOV

From: (b) (6) DOE HQ USA GOV
Sent: Friday, October 8, 2021 2:27 PM
To: (b) (6) DOE LLNL USA CTR; (b) (6) DOE HQ USA GOV
Cc: (b) (6) DOE LLNL USA CTR
Subject: RE: Finalizing Q&A memo, and update on IC efforts

Classification: ~~TOP SECRET~~(b) (1) (A)

Classified By: (b) (6) Technical Advisor

Derived From: CG-IN-2 DOE OC

Declassify On: 20461231

=====

Thanks, (b) (6)! Have a nice weekend.

From: (b) (6) DOE LLNL USA CTR (b) (6)
Sent: Friday, October 8, 2021 1:57 PM
To: (b) (6) DOE HQ USA GOV (b) (6) DOE HQ USA GOV
(b) (6)
Cc: (b) (6) DOE LLNL USA CTR (b) (6)
Subject: RE: Finalizing Q&A memo, and update on IC efforts

Classification: ~~TOP SECRET~~(b) (1) (A)

Classified By: (b) (6) Analyst

Derived From: CG-IN-1 08/13/01 DOE OC

Declassify On: 20461231

=====

(b) (6)

Livermore has no further comments on the Q&A memo and agree that it is ready to be published.

(b) (1) (A) However, we will be sending you our
proposal for the FY22 S&TI funds once (b) (6) are back in the office next week. (b) (1) (A) Our goal
is to evaluate the proposed methods and schema in the context of other similar lines of effort in the scientific
community to better judge the level of appropriateness and scientific merit of the work. (b) (1) (A)

We envision this work to result in a TIN or other appropriate publication.
In addition, we are writing up the 'Pan-Coronavirus PCR primer screens for SARS-CoV-2' results to date as a S1 note.

Best regards, (b) (6)

(b) (6)
(b) (6)

Z program

Lawrence Livermore National Laboratory

(b) (6)

From: (b) (6) DOE HQ USA GOV (b) (6)

Sent: Thursday, October 7, 2021 11:16 AM

To: (b) (6) DOE LLNL USA CTR (b) (6)

(b) (6)

DOE LLNL USA CTR (b) (6)

DOE PNNL USA CTR (b) (6)

(b) (6)

DOE LANL USA CTR (b) (6)

DOE PNNL USA CTR (b) (6)

DOE PNNL USA CTR

DOE LANL USA CTR (b) (6)

Cc: (b) (6) DOE HQ USA GOV (b) (6)

Subject: Finalizing Q&A memo, and update on IC efforts

Classification: ~~TOP SECRET~~(b) (1) (A)

Classified By: (b) (6)

Derived From: CG-IN-2 DOE OC

Declassify On: (b) (3) (A)

Colleagues,

I apologize it's been so long since I sent anything to you, but I spoke with (b) (6) at the NIC earlier, and wanted to give you some updates.

(b) (5)

(b) (5)

your lab gets questions about the analysis, please let us know.

. As always, if

HQ has received a few questions from Hill staffers asking for more information about DOE's position in the NIC Assessment, so we are moving forward with finalizing the Q&A memo we circulated in early September. We have incorporated some comments from other agencies, but in general most agencies did not have any comments. One thing I would like to check on with all of you, is whether any information that has come out in the past month causes you or your lab to think differently about anything we state in the Q&A memo. (b) (1) (A)

I haven't seen anything come out in the past month that I think could change assessments in other parts of the Note, but if anyone is aware of anything please let us know.

If you could get us a response by COB Friday that would be great, but if that is not achievable let us know when you think you can have a response.

Thanks again!

(b) (3) (A)

(b) (6)

Director, (b) (6)

DOE-IN

Office: (b) (6)

Secure: (b) (6)

Govt Cell: (b) (6)

=====

Classification: ~~TOP SECRET~~(b) (1) (A)

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Classification: ~~TOP SECRET~~(b) (1) (A)

=====

Classification: ~~TOP SECRET~~(b) (1) (A)

(b) (6)

DOE HQ USA GOV

From: (b) (6) DOE HQ USA GOV
Sent: Friday, September 10, 2021 10:50 AM
To: (b) (6) DOE LANL USA CTR
Subject: RE: Help??..FW: (U) Furin write-up

Classification: ~~TOP SECRET~~(b) (1) (A)

Upon removal of attachments, this document is UNCLASSIFIED

Classified By: (b) (6) Technical Advisor
Derived From: Multiple Sources
Declassify On: (b) (3) (A)
=====

Excellent! Thank you.

From: (b) (6) DOE LANL USA CTR (b) (6)
Sent: Friday, September 10, 2021 10:49 AM
To: (b) (6) DOE HQ USA GOV (b) (6)
Subject: RE: Help??..FW: (U) Furin write-up

Classification: ~~TOP SECRET~~(b) (1) (A)

Upon removal of attachments, this document is UNCLASSIFIED

Classified By: (b) (6) LANL
Derived From: Multiple Sources
Declassify On: (b) (3) (A)
=====

(U//FOUO) Ok, below are collated comments on the furin paper.

(U) (b) (5)

(b) (1) (A)



(b) (1) (A)



(U) Even the recent Eddie Holmes et al. paper claiming "critical review" has (at least in the preprint stage) some quantification of the prevalence of CGG codons in CoV genomes. (b) (1) (A)

[REDACTED]

(U) It is vital to note here that Boni (and less stringently the Korber, Georgi, et al. paper) indicate no recent recombination with non-sarbecoviruses in SARS-CoV-2's recent genetic history. (b) (1) (A)

[REDACTED]

[REDACTED]

(U) Re: the small alignment in the memo:

1. (U) There is lots of evidence for recombination in the SARS-CoV-2 genome, for instance the ZXC21/ZC45 sequences and probably other sarbecoviruses; however this snippet of a sequence alignment gives no indication that HKU1 and OC43 are *very distantly* related to SARS-CoV-2 in comparison with RaTG13 and ZXC21/ZC45. The omission of flanking sequence seems either a large mistake or disingenuous
2. (U) We strongly appreciate that post-pandemic CoV sequences are not in in the alignment.

**

(b) (6)

From: (b) (6) DOE HQ USA GOV (b) (6)

Sent: Friday, September 10, 2021 8:36 AM

To: (b) (6) DOE LANL USA CTR (b) (6)

Subject: RE: Help??..FW: (U) Furin write-up

Classification: ~~TOP SECRET~~ (b) (1) (A)

Upon removal of attachments, this document is UNCLASSIFIED

Classified By: (b) (6) Technical Advisor

Derived From: Multiple Sources

Declassify On: (b) (3) (A)

=====

Hi (b) (6)

Don't sweat it. You don't have to reply. Just let us know what your issues are. (b) (6) and I just had a meeting and we have a plan going forward. We will try to resolve all the issues to everyone's satisfaction as much as we possibly can. Thanks for all of your help! Have a great weekend.

(b) (6)

From: (b) (6) DOE LANL USA CTR (b) (6)

Sent: Friday, September 10, 2021 9:58 AM

To: (b) (6) DOE HQ USA GOV (b) (6)

Subject: Help??..FW: (U) Furin write-up

Classification: ~~TOP SECRET~~ (b) (1) (A)

Upon removal of attachments, this document is UNCLASSIFIED

Classified By: (b) (6) LANL

Derived From: Multiple Sources

Declassify On: (b) (3) (A)

=====

(U//FOUO) (b) (5)

(b) (6)

but, even with his statement below they admit nothing of substance has changed. Please advise – I'm really not trying to be confrontational.

**

(b) (6)

From: (b) (6) DOE PNNL USA CTR (b) (6)

Sent: Thursday, September 9, 2021 12:26 PM

To: (b) (6) DOE HQ USA GOV (b) (6)

DOE HQ USA GOV

(b) (6)

DOE HQ USA GOV (b) (6)

DOE HQ

USA GOV (b) (6)

DOE LLNL USA CTR (b) (6)

DOE LANL USA CTR

DOE LANL USA CTR (b) (6)

(b) (6)

Cc: (b) (6) DOE PNNL USA CTR (b) (6)

DOE PNNL USA CTR

(b) (6)

DOE PNNL USA CTR (b) (6)

DOE PNNL

USA CTR (b) (6)

DOE PNNL USA CTR (b) (6)

DOE

PNNL USA CTR (b) (6)

DOE PNNL USA CTR (b) (6)

Subject: (U) Furin write-up

Classification: ~~TOP SECRET~~ (b) (1) (A), (b) (6)

Upon removal of attachments, this document is UNCLASSIFIED

Classified By: (b) (6) Senior Data Scientist

Derived From: Multiple Sources

Declassify On: (b) (3) (A)

=====

(U) Attached, please find our final furin write-up. None of our judgments have changed; we simply made some edits for clarity.

(U) (b) (6)

(b) (3) (A)

[Redacted]

(b) (3) (A)

=====

Classification: ~~TOP SECRET~~(b) (1) (A) [REDACTED]

(b) (6)

DOE HQ USA GOV

From: (b) (6) DOE HQ USA GOV
Sent: Friday, September 3, 2021 12:08 PM
To: (b) (6) DOE PNNL USA CTR; (b) (6) DOE PNNL USA CTR
Cc: (b) (6) DOE HQ USA GOV; (b) (6) DOE HQ USA GOV
Subject: Request for Proposal for PCR experiment(s)
Attachments: (b) (1) (A)

Classification: ~~TOP SECRET~~(b) (1) (A)

Classified By: (b) (6)

Derived From: CG-IN-1 08/13/01 DOE OC

Declassify On: 20461231

(b) (6)

(b) (1) (A)

free to consult LLNL and LANL regarding specific aspects of how they conducted experiments. (b) (1) (A)

Please also feel

The proposal does not need to be a specific format. A word document or email is fine as long as it provides a brief explanation of the work, cost estimate, and likely time for completion of experiment(s) and write up.

Thanks, and let me know if you have any questions.

(b) (6)

Director, (b) (6)

DOE-IN

Office: (b) (6)

Secure: (b) (6)

Govt Cell: (b) (6)

Classification: ~~TOP SECRET~~(b) (1) (A)

~~TOP SECRET~~(b) (1) (A)

Z PROGRAM ANALYTIC HIGHLIGHT

International Assessments Report

Lawrence Livermore National Laboratory



(U) Lawrence Livermore National Laboratory (LLNL), Global Security Principal Directorate, Z Program, prepared this report. The views expressed are those of the authors and not necessarily those of the sponsors. The information cutoff date of this revised report remains May 2020.

(U) Comments are encouraged and feedback on this report and other Z Program products can be provided through our JWICS website, <http://z.ic.gov/>.

(U) Contacts

- Z Program Author
(b) (6)
- Z Program Associate Program Leader
(b) (6)
- Z Program Manager
(b) (6)

Derivative declassifier review required prior to declassification

Classified By: ~~(b) (6) (A)~~ Z Program Production Manager

Derived From: Multiple Sources, (b) (3) (A) and CG-IN-2, 3/2019 DOE OC

Declassify On: 25X6, 20710217

17 February 2021

(b) (1) (A)

(b) (6)

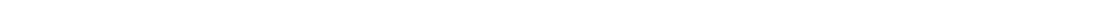
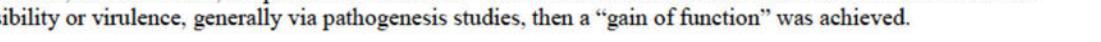
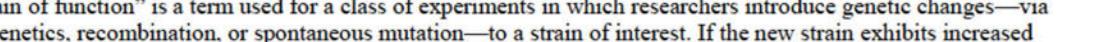
Z Program, Lawrence Livermore National Laboratory

(b) (1) (A)

(b) (1) (A)

(b) (3) (A)

~~TOP SECRET~~(b) (1) (A)

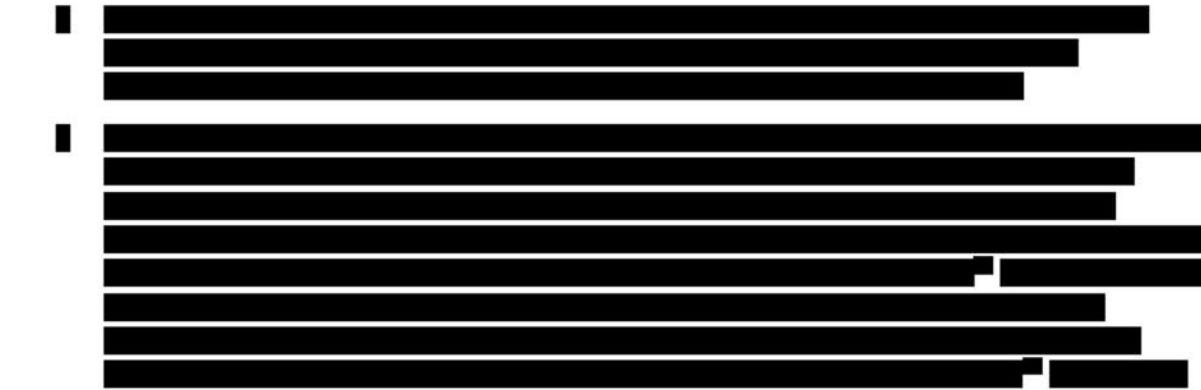
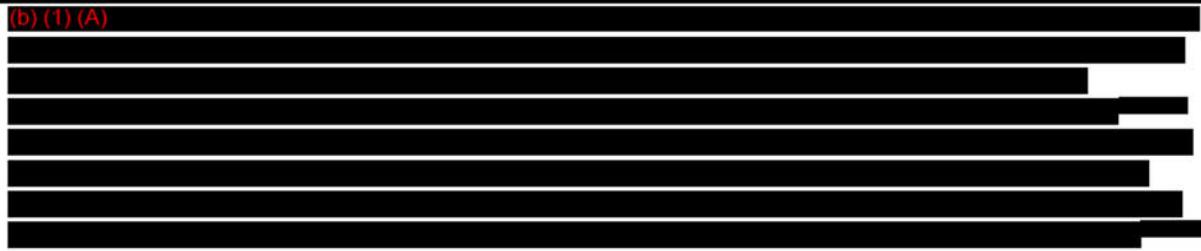
- (b) (1) (A) <img alt="Redacted content" data-bbox="195 7895 870

(b) (1) (A)

(b) (1) (A)



(b) (1) (A)



(b) (1) (A)

• (b) (1) (A)

(b) (1) (A)

• (b) (1) (A)

(U) Scope Note

(b) (1) (A)

(U) Provide Feedback or Request a Document

(U) We invite your feedback. Use the JWICS website, <http://z.ic.gov>, or [email](#) to comment on this report. You can also comment on or request [other Z Program products](#).

(U//FOUO) The information in this report is provided for intelligence purposes only, but may be used to develop potential investigative leads. No information contained in this report, nor any information derived therefrom may be used in any proceeding (whether criminal or civil), to include any trial, hearing, or other proceeding before any court, department agency, regulatory body, or other authority of the United States without the advance approval of the Attorney General and/or the agency or department that originated the information contained in this report. These restrictions apply to any information extracted from this document and used in derivative publications or briefings.

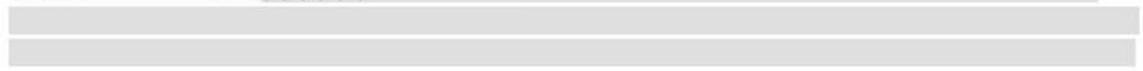
(b) (1) (A)



(U) Note: Document may not be used as the source for derivative classification nor can it be used as a source for preparers of classification guides.

(U) References

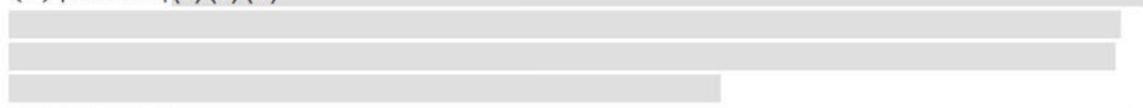
1. (U) | Website article | (b) (3) (A)



2. (U) | Article | (b) (3) (A)



3. (U) | Article | (b) (3) (A)



4. (U) | Article | (b) (3) (A)



5. (U) | Article | (b) (3) (A)



6. (b) (1) (A)



7. (b) (1) (A)



8. (U) Article | (b) (3) (A)

[REDACTED]

9. (U) | Article | (b) (3) (A)

[REDACTED]

10. (b) (1) (A)

[REDACTED]

11. (U) | Article | (b) (3) (A)

[REDACTED]

12. (b) (1) (A)

[REDACTED]

13. (b) (1) (A)

[REDACTED]

14. (U) | Article | (b) (3) (A)

[REDACTED]

15. (U) | Article | (b) (3) (A)

[REDACTED]

16. (U) | Article | (b) (3) (A)

[REDACTED]

17. (b) (1) (A)

[REDACTED]

18. (b) (1) (A)

[REDACTED]

19. (b) (1) (A) [REDACTED]

20. (b) (1) (A) [REDACTED]

21. (b) (1) (A) [REDACTED]

22. (b) (1) (A) [REDACTED]

23. (b) (1) (A) [REDACTED]

24. (b) (1) (A) [REDACTED]

25. (U) | (b) (3) (A) [REDACTED]

26. (U) | Article | (b) (3) (A) [REDACTED]

27. (U) | Article | (b) (3) (A) [REDACTED]

~~TOP SECRET~~(b) (1) (A)

SC-326-0012-21-G

Page 8 of 8

28. (b) (1) (A)

[REDACTED]

29. (b) (1) (A)

[REDACTED]

~~TOP SECRET~~(b) (1) (A)