-1-

Date of transcription $06/10/2004$
date of birthsocialsecurity numbertelephone numbersand
security number telephone numbers and be was interviewed on June 2, 2004, at place of be
employment at the United States Army Medical Institute of
Infectious Diseases (USAMRIID). After being advised of the
identity of the interviewing agents and the purpose of the
interview, provided the following information:
provided the refreshing information.
stopped working at be
USAMRIID in June of 2001. is currently employed by
While employed worked
for worked in from
indicated that room of
Building was room was the
and from room was another room used by
noted that no anthrax studies were conducted in
room The hood lines numbered one (1) and two (2), which were
utilized for the aerosol exposures, were located in room The
rooms were always locked when not being utilized. The rooms were
locked with push button coded doors. FNU was responsible for
increasing the security measures in the facility.
received in b6
in at College.
assumed that the anthrax material was working with
had now Even Divide Tirrito
nad come from BRUCE IVINSb6 noted that IVINS was the secondary Principal Investigator. (PI) wheneverb70
he provided material for a study. The material provided by IVINS was b2
heat shocked in Room of Building 1412. IVINS brought the material b7H
for the aerosol challenges to Building 1412 in a stainless steel
container. The steel container had an autoclavable bag inside
containing a double bagged bottle of the anthrax solution. never
saw the spores being prepared for the aerosol challenges.
stated that ten (10) milliliters of material were need
for an aerosol challenge. were given one (1)
** *
•
Investigation on 06/3/2004 at Frederick, MD
EN. # 0707 ME 00000 MANDETD 4925
File # 279A-WF-222936-USAMRIID - \$35 Date dictated N/A
SSA by SA
041553.wpd
This document contains neither recommendations nor conclusions of the FBI. It is the property of the FBI and is loaned to your agency;

Continuation	of FD-302 of
	extra tube of material in case necessary. The extra tube was autoclaved at the end of the day. The material that remained in the nebulizer was always autoclaved. The aerosol challenges were run for ten (10) minutes. The entire process to setup the challenge and complete it would take approximately twenty (20) to twenty-five (25) minutes. noted that there were always a lot of people present for the aerosol challenges. For each anthrax aerosol challenge there were always present. recalled that IVINS, were involved in conducting the aerosol challenges.
	said that the hood lines were not decontaminated between days of aerosol exposures. The all glass impinger (AGI) liquid was passed out to the PI for post-challenge plating.
	The AGIs were passed out through the pass box in the hood
	material from the aerosol challenges was autoclaved. the cleaning process after an aerosol challenge as taking one (1) to two (2) hours. It took ninety (90) minutes to run the autoclave in the hood lines.
	The material collected in the AGI was kept for at least one (1) day for post-challenge plating purposes. noted that it b70 was the responsibility of IVINS to dispose of the post-challenge
	does not recall post-challenge plates or material being left lying around any of the rooms in Building 1412.
	stated that IVINS would do all of b6 the post-challenge work following an aerosol challenge. The media for b76 the aerosol work was kept in the refrigerator in room The media b2 included The water used during the
	anthrax aerosol challenges was provided by IVINS. was used in the aerosol challenges of toxins, however,

aerosol challe noted in the e	ifoam or the nges. If an xposure logs The antifoam k item. If	antifoam cifoam was . The ant dilution the dilution out of the	dilution was later was later was prepare on was place hood.	challenge, kept in a c ed as neede ced into th he dilu <u>tion</u>	it would abinet in d and was le hood, it	be room not
aerosol challe noted in the e kept as a stoc would have bee	nges. If and xposure logs The antifoam k item. If d n autoclaved	tifoam was The ant dilution the dilution out of the	used in a ifoam was lwas prepare on was place e hood. The	challenge, kept in a c ed as neede ced into th he dilu <u>tion</u>	it would abinet in d and was le hood, it	be room not
aerosol challe noted in the e kept as a stoc would have bee	nges. If and xposure logs The antifoam k item. If d n autoclaved	tifoam was The ant dilution the dilution out of the	used in a ifoam was lwas prepare on was place e hood. The	challenge, kept in a c ed as neede ced into th he dilu <u>tion</u>	it would abinet in d and was le hood, it	be room not
aerosol challe noted in the e kept as a stoc would have bee	nges. If and xposure logs The antifoam k item. If d n autoclaved	tifoam was The ant dilution the dilution out of the	used in a ifoam was lwas prepare on was place e hood. The	challenge, kept in a c ed as neede ced into th he dilu <u>tion</u>	it would abinet in d and was le hood, it	be room not
noted in the e kept as a stoc would have bee	xposure logs The antifoam k item. If t n autoclaved	. The ant dilution the dilution out of the	ifoam was l was prepare on was plac e hood. Tl	kept in a c ed as neede ced into th he dilu <u>tion</u>	abinet in d and was e hood, it	room not
kept as a stoc would have bee	The antifoam k item. If t n autoclaved	dilution the dilution out of the	was prepare on was plac e hood. Th	ed as neede ced into th he dilution	d and was e hood, it	not
kept as a stoc would have bee	k item. If t n autoclaved	the dilution out of the	on was place hood. The	ced into th he dilu <u>tion</u>	e hood, it	
					would not	
				y bottle of		
Building 1412. parts of Build				as olive oi		
combinations f						
said that a						
	-	–				
from	received	trainin	q in the a	erosol chal	lenge	
LION						\dashv
			1377		January th	
and will	provide it	to the int		attempt to agents at a		
	<u>-</u>			<u> </u>		

not	did	know who	W	as.	recalled	
challenge with	es for	in room	of Building	did the aem	rosol worked	_
red		recalled that so resent during in room	challen	ges. Of Build:	ing	
on the wo	neve	l no knowledge of er socialized with was always forwa doing.	n	regarding :	conducted i	
back of I were for	ed that nat buildin Building	ng. said tl	parked Building nat there were spaces in the	because e parking a e back of l never a	office spots in the Building	

m, A + k Mg

279A-WF-222936-USAMRIID

Continuation of FD-302 of	
]
is not aware of ever visiting Building	
never used the walk-in cooler of Building 1412. said that some media was kept in the floor walk in cooler. never saw in the floor said that the freezer of Building was used to keep serum samples.]
recalled scientists from Russia visiting and touring through the hot side of Building 1412. never saw any other visitors on the hot side of the building. The Russians were never present for any aerosol challenges. never signed for any foreign visitors at USAMRIID.	
is unaware of anyone showing any unusual interest in anthrax or anthrax challenges.	bб b7
did not handle any of the anthrax letters at USAMRIID. did handle the	,
noted that nothing handled	
tested positive for anthrax.	
agreed to provide any information could locate to help in determining whereabouts during the mailing periods.	
said that would not object from taking a polygraph relative to the AMERITHRAX investigation.	

b6

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Date of transcription 06/30/2004	
	o6 o7C
has a degree in to USAMRIID in currently works in	
most of this time I	6 7C
rarely worked with specimens, but occasionally plated samples. has never performed any spore preparations; he has mostly plated samples.	
never participated in any aerosol challenges,	
	o6 o7C
	o6 o7C
(nvestigation on 06/30/2004 at Frederick, Maryland	
#10 # 279A-WF-222936 279A-BA-C101392 - \SAS Date district N/A	o6 o7C
This document contains neither recommendations nor conclusions of the FBI. It is the property of the FBI and is loaned to your agency; it and its contents are not to be distributed outside your agency.	

	In approximately	
	worked in the sa	me general area
live sam USAMRIII	ples. occasionally worked in the	lid not work with suites at
	Approximately	
worked i Much of	n Building 1425, and supervisor was work during this time involved	
		has also worked
receives forming	res stores these samples in the samples in 1-milliliter vials containing the samples in 1-milliliter (cfu/ml). These samples freezer in Building Suite	, and _ng 10° colony .es are stored in
approxim	advised that has not been inside nately years.	a suite for
within[o employees
one in [had never used a lyophilizer, althou	igh had seen
 .		
dried Ba	had never personally dried Ba and ha	ad never seen

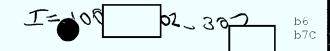
during this process. In addition, was currently conducting work on a sample of dried Vollum 1B. was not sure whether the Ba Ames he received	of FD-302 of		,On <u>06/30/2004</u> ,Page _
was not sure whether the Ba Ames he received originated from BRUCE IVINS was not sure whether the strains of Ba used we fully characterized. However, knew USAMRIID had a plasmid profile for the Ba, and heard that the strains had been sequence only worked with one live Ba Ames sample, designate worked with			
fully characterized. However, knew USAMRIID had a plasmid profile for the Ba, and heard that the strains had been sequence only worked with one live Ba Ames sample, designated worked with		was not sure whe	
fully characterized. However, knew USAMRIID had a plasmid profile for the Ba, and heard that the strains had been sequence only worked with one live Ba Ames sample, designated worked with			
only worked with one live Ba Ames sample, designated with the sample of	fully c	haracterized. However,	knew USAMRIID had a plasmid
	paoaaa	only worked with	h one live <i>Ba</i> Ames sample, designarked with
	also		
records some of work in laboratory notebooks. also maintains folders of work in desk.	Buildir whether	s with bacterial contam g 1412 was in was familiar with the	rination. The last time visit so could not recall the walk-in cooler, Room
also maintains folders of work in desk. was unaware of any areas of USAMRIID which had problems with bacterial contamination. The last time visit	believe USAMRII	ere was one such contained that items such as the D's Purchasing Unit. H	th Sterilite containers, and remar ner in Building 1425, Suite lese were usually bought via Nowever, many employees found it Ilmart or to the Commissary to buy

ontinuation of FD-302 of		,On <u>06/30/2004</u> ,Page 4
Since	main function re	egarding
to store	could not reca	had never seen nor pes like the ones used in the mailings.
the anth	could not reca	all any direct work conducted with this case,
procedur biosafet	es (SOPs) for <u>deco</u> nta	ar with the standard operating amination of Class II and Class III ck areas.
assistin this per	During , although had no g with a possible det iod. did recall n a heightened work s	termination of whereabouts during that and many others had been
although		n introduced to
mailed t	he letters did not tr	did wonder why the person who ry to kill more people.
	d questionable behavi	advised that
<u> </u>	would know this indiv	<u></u>
anthrax	mailings.	MRIID approximately years before the
believed required	possessed to perpetuate the at	the knowledge, ability, and access
may have	was a been capable of mail	another individual whom believed ling the anthrax-laced letters.

b7C

Continuation	of FD-302 of
•	would have been very easy for to keep part of the sample for
	Finally,
	had never been a member of the Moreover, had never hosted any foreign visiting scientists.
	It should be noted that

FD-302	Rev.	10-6-9	5)



FEDERAL BUREAU OF INVESTIGATION

ALL INFORMATION CONTAINED
. HEREIN IS UNCLASSIFIED
DATE 12-16-2008 BY 60324 UC BAW/DK/TH

On April 08.2004 Social Security Account Number	Date of transcription 04/09/2004
birth social Security Account Number telephone number telephone number telephone number telephone number located at located at was contacted at located at was advised of the identities of the interviewing Agents and the purpose for the interview. was interviewed using a list of questions provided by SA cademic achievements and employment history. A copy of that is attached to and made a part of this document. This FD-302 will be written with response to specifically enumerated questions. If the answer to that question was negative that will be noted. 1) worked at USAMRIDD during advised that during this time had no contact with any Bacillus anthracis Ba materials. several investigators including: advised that worked as a advised that it was during this time that did some work associated with Ba. advised that it was during this time that did some work associated with Ba. advised that Date dictated 04/09/04 SA 279A-WF-22938 Date of the contact with any Bacillus and Date dictated 04/09/04 SA 279A-WF-22938 Date of the contact with Ba. Date dictated 04/09/04	On April 08.2004 date of
was contacted at place of employment, was advised at placeted at was advised of the identities of the interviewing Agents and the purpose for the interview. was interviewed using a list of questions provided by SA provided a three(3) page vitae which details academic achievements and employment history. A copy of that is attached to and made a part of this document. This FD-302 will be written with response to specifically enumerated questions. If the answer to that question was negative that will be noted. 1) worked at USAMRIDD during advised that during this time had no contact with any Bacillus anthracis Ba materials. several investigators including: advised that worked as a advised that it was during this time that did some work associated with Ba. advised that time that did some work associated with Ba. advised that back advised that it was during this time that did some work associated with Ba. advised that back advised that it was during this time that did some work associated with Ba. advised that back advised that the said that it was during this time that did some work associated with Ba. Back advised that back advised that the said that it was during this time that did some work associated with Ba. Back advised that back advised that the said that it was during this time that did some work associated with Ba. Back advised that back advised that the said that it was during this time that did some work associated with Ba. Back advised that back advised that the said that it was during this time that did some work associated with Ba. Back advised that back advised that the said that it was during this time that did some work associated with Ba. Back advised that back advised that the said that it was during this time that did some work associated with Ba. Back advised that back advised that the said that it was during this that the said t	birth Social Security Account Number of
located at	
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Continuation of FD-302 of			, _{On} _04/08/04	
this ne	In riod were	was promot	ted to the position	of during
Cilis per	2) s	aid the only Ba corused during the	mponent worked w	rith was
vegetat	3) a	dvised never wor	rked with either sp	ores or
sporulat	cion media.	dvisednever wor		
techniq	les.	dvised worked w	•	
Ba.	· <u> </u>	dvised never did	d any work with dry	ing of
	7) a	dvised that		
advised	that material that did no rain or any oth	from work with the with the with the wif materials are strain.	n Bruce Ivins. s provided were fro	om the
techniqu recall t	co-workers that les, spore prod the names <u>of</u> se	said that had no may have expertise duction or lyophilise everal people that was there.	e with weaponization	on did
Ba.	who worked on s	spore production, Bruce Ivins, who	o was know as an ex	pert on
	9) a hat had proble	ndvised was not a	aware of any contamination.	
denoted		was provided with	the floor plans whi	.ch were
	The fir l which starts e with "back en	with	he four(4) pages of This refl that package ht side of the page	ects marked
Prago Ott	~~~ ~		,	

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			1 04/00/04	2
Continuation of FD-302 of			, _{On} 04/08/04	, Page3
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drew a bo	x aro <u>und a se</u> ries <u>o</u>	<u>f </u>	s whichindi	
were mark	ed <u>as</u> and		was working the	
page thre	e, noted tha		he cl <u>inical lab</u>	area
	On page fo	ur, noted	i that	
room	which contained an			
. ,	,		-	
	The	lis a three(3	3) document that	starts
with	2220		This reflect	
WICH		In +1	nat package	
+ ho 211+00	lave area of the ba			1110000
the autoc	On page two, whi	sellenc on page of	floor of the bu	ilding
	On page two, will	ch is the	Titoor or the bu	TIGING
	oted a number of are	as. Noted as ".	r. rs cue	<u> </u>
"2		"3-5" are vario	ous labs, "6" is	tne
entrance	to the animal rooms	located in the	portion of the	
building,	"7" denotes the ar	ea where Bruce l	Ivins conducted	his work
<u>and "8"</u>	is another lab room	. On page three	e, <u>id</u> entified as	the
fl	oor of the building.	, advise	ed had been i	n the
following	oor of the building area: "1" and "2"	"3"	' main work lab,	"4"
supplemen	ital lab, "5" employ	ee break room, '	'6" an animal ro	om
		"7" cold storage	e used to store	reagents
and "8"	lab	· ·		
-	*	•		
	The marked floor p	lans are attache	ed to and made a	part of
this docu				_
chirb doca	iniciie.			
' :	11) advise	d that had a	ccess to both th	e hot
	building 1412 and t	he walk-in coole	ar that is numbe	red as
	bullaring 1412 and c	that a number of	E people had acc	ecc to
room	advised	that a number of	people had acc	
tnat cool	er and that the coo	ter itself had i	to security syst	em.
specifica	ally recalled	1 1 1	- in the gooless	
		ias naving beer	n in the cooler.	
<u>advise</u> d t	.nat	1 1		
	nd the folks from th	e lab across the	e nall also nad	access
to that c				
	advised			
		said that	many workers ke	pt their
stocks in	n the cooler and it	was not unusual	for one worker	to
borrow th	ne stock from anothe	r in the cooler	without needing	, to ask
permissio	on. advised	recalled see:	ing cultures lab	eled
anthrav	on plates and in p	etri dishes also	stored in the	cooler.
said	also recalled see	ing a reagent si	tored there.	7
	it was labeled	1		
perreves	Tr was ranered		•	

Continuation of FD-302 of	On 04/08/04 , Page 4			
entrances into the hot area of the lab. visits to the lab during said that during the FNU LNU conducted a quality assurance inspec	er of folks from			
the hot area by secreting them and carrying airlock. said it also may be possil the passbox from the hot side and then retiside. said it may also be possible sending them to the autoclave in the basementhem prior of operation of it. said autoclave had to function in order to open putting an item into it.	ble to place an item in rieve it on the cold to remove items by ent and then retrieving d he did not know if the the exit door after			
14) was not aware of anyone Select Agent for an improper purpose. 15) was not aware of anyone ability to create or handle dangerous biology expressed hostile attitudes toward political media or others.	one with the access and ogical agents and			
16) advised that was a this investigation. said that	not surprised person of interest in			
17) was not aware of people at the lab who were lax in handling of dangerous items or expressed an inappropriate interest in harmful agents.				
interest in biological or chemical agents.	one with an inappropriate owledge or interest in			
20) advised was not a interest in being able to get around foren	ware of anyone who had an sic techniques.			

Continuation of FD-302 of		, _{On_} _04/08/04	, Page5	b6 b7C
21) anyone with pe New Jersey.	advised does not i	have nor was a	aware of area of	
22) during Septemb associates doi	advised did not to did not ing so. advised that			
typically the sterilized in	advised was aware of biosafety work cabinets. decontamination was conducted the air locks and then placing the air locks.	advised that d by putting iter	ns to be	
24) virology labs that at least a Friday.	advised that while were decontaminated on a regonce a month they would have	ular basis.	said	
25) decontaminatio		ed bacterial tes.		
26) storage.	advised never use	d sterilte boxes	for	
27) unrecorded Ba	said was not awar work being conducted.	e of an unauthor:	ized or	
28) in books that	advised that all of were left at USAMRIID.	lab work was	recorded	
29) envelopes.	advised never pur	chased any pre-st	tamped	
30) Frederick to p	advised never use purchase pre-stamped envelope		chines at	
31) of the anthrax	advised that never	r personally hand	dled any	
32) work on the ev	advised that has ridence in this case.	not done any ana	lytical	

ntinuation of FD-302 of		,On	, Page 6 b
· .	Questions regarding		
	1) advised knew	,	
of places	2) advised recalled se	eeing in	a number
·	3) did not know when		
into an a	4) advised that never	let l "pig	ggy-back"
equipment	5) advised never obsert or removing it from the building	rved movi	_ng
٠,	6) advised believed	worked in	the
but could	not state specifically what 7) advised that saw	working	
removed of	but did not know specifically 8) advised did not know specifically or borrowed equipment from USAMRIII to obtain discarded equipment.	ow if eve	er —
cooler,	9) advised observed room and on the hot side of	both near	the
isolates	10) said never as equipment or access to other USA	sked for any MRIID locations.	,
may have	11) advised that other the stored samples in lab.	han in room	
may have	12) said was not aware brought to the lab.	e of any samples	
4	13) advised that	never discussed	

wation of FD-302 of	,On 04/08/04 ,Page 7
	14) said that never discussed
killing	15) said never made any references to people.
· · · · · · · · · · · · · · · · · · ·	16) said
	17) advised never discussed the possibility of mailing
anthrax	18) said never mentioned
connecti	19) said was not aware if had any lons to Princetown, New Jersey.
	20) said
	21) said
	22) said
activit	23) advised has no knowledge of lies
	24) advised
	25) said has not had any contact with
rogardia	26) advised has no further information

FD-302a (Rev	v. 10-6-95)	
Ī		
-	279A-WF-2	2936
		, on 04/08/04 , Page 8
Continuation	`-	, On 04708704 , Page b6
	· ·	
	USAMRIID	advised never hosted any foreign scientists at nor was
	•	
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7	·	
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ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 12-16-2008 BY 60324 UC BAW/DK/TH

-1-

	Date of transcription 05/13/2004	
	date of birth social security number was interviewed on May 10, 2004, at place of employment at the United States Army Medical Institute of Infectious Diseases (USAMRIID). After being advised of the identity of the interviewing agents and the purpose of the interview, provided the following information:	6 7C
_	has worked at Fort Detrick since	
Ė	stated that had conducted	
	aerosol challenges as part of work and that had conducted Anthrax aerosol challenges.	
	<u> </u>	_
Г	said that	╧
L	said that has seen a glass bottle of Italian olive oil in one of the aerosol rooms at USAMRIID, however,	
	could not recall exactly where.	
Investi	gation on 05/10/2004 at Frederick, MD	b6
File #	27 <u>9A-WF-222936-USAMRIID-842</u> SA SA Date dictated N/A Date dictated N/A SA	b7C
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· 279A-WF-222936-USAMRIID

Continuation of FD-302 of	, On 05/10/2004 , Page 2 b6
materials to add to the aeroso	regarding what other process.
guessed that help them slide on and off of	oil could be placed onto the o-rings to the piping.
The water was only commercially purchase water was purchased from.	utilized during the aerosol process d. is not aware of where the
<u>plating following Anthrax aero</u>	
completed on the post-challeng plates, the practice is to aut to disposal by whomever was re autoclaved, they are taken to bags taken to the basement onl was disposing of it, and the din the hood line, but always w	ith a note explaining what the material never saw plating of material remaining be
has never seen the mat	erial from a nebulizer poured back into
the stock of material. was aware o with came from or who had made it.	f what strains of anthrax was working is not aware of what stock the material
recalled th aerosol equipment and the smal rooms had lab space	l autoclaves. believed that

to St

279A-WF-222936-USAMRIID

b6 b7C

Continuation of FD-302 of	,On_ <u>05/10/2004</u> ,Page3
or anyone who did not need to aerosol challenges.	be present in roomsduring the
material from the hot side of airlock or passbox systems.	
a rubber edge for identificat of any equipment that the dis said that the disc possibly of the "8-ball". The "8-ball"	
	from passing in the the equipment from the penthouse of take from USAMRIID.
challenges were conducted. in had a what car drove or who that may have seen	are of any activity that had in in the rooms where aerosol noted that when started working already left USAMRIID. never saw parked at USAMRIID. said in the basement of Building once.
never saw conducts	a pre-stamped envelope at USAMRIID. at USAMRIID. Initially
į įconducesį	ac committe. Interdity

b6 b7C

Continuation of FD-302 of			_,On_ <u>05/10/20</u>	04 , Page <u>4</u>
	boxes at USAMRIID.		ed that there	
units in t	the containment areas would know who exact			id that
	remembered :	signing for two	<u>o foreign yi</u>	sitors from (not
positive o at USAMRII	on last name).	never saw a	any visitors	in "hot" areas

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1 -

	Date of transcription 05/13/2004
On 05/07/2004, social security number: was interviewed at resadvised of the identity of the interview	date of birth: home address: Cell: date of birth: b6 b70 cidence. After being date of birth: b70 cidence. After being
of the interview, provided the foll was employed at USAMRIID	owing information.
while at USAMRIID was ass and worked on various Safety Level Suites involving and suites	ous studies in the Bio-
	·
BRUCE IVINS provided all the cultures, a as well as other strains. The vials of in the aerosol containment hood until the destroyed.	B. anthracis were stored
has never used the modifi	
investigation on 05/07/2004 at	b6 b7c
Pile # 279A-WF-222936-USAMRIID - 845 Postal Inspector Postal Inspector	Date dictated 05/13/2004
This document contains neither recommendations nor conclusions of the FBI. It is the it and its contents are not to be distributed outside your agency.	property of the FBI and is loaned to your agency

Continuation of FD-302 of		, On .	05/07/2004,Page_	b6
contamina the Bacte and notic	does not know tion techniques, sp advised that tion from Anthrax. riology Division an	ed B. anthracis or use of any persons who have ore production or lyoung the large of that remembers off and hearing reposite.	had expertise in ophilizing. ad a problem wit a big uproar in coming into work	b6 b7C b2 h
	routinely wor	ked in building		b6
		also worked in	and in	b7C
	room advi	hot area of building sed that the cooler to store media and laites.	was used by the	
store sam	r locked and that vanples and was unawar the room.	also rious researchers us re of any AMES Ba sam	said that the ed the area to ples being left	
people di devices r	areas at USAMRIID build not realize that not working correctl	people did "piggy-ba It it was due to the It happened due to t It lalso said tha It let into an area by	fact that most he badge access t people would	
agents we	areas at USAMRIID buere removed from the	visiting scientists at were always escort a area before the vis at areas were groups	ed a <u>nd all</u> sele	ect
putting a said that the	elect agents from that wial into a pocket details the select as	would be very easy for hot areas that the corjust holding it gents used were super agent would be puttinselves.	ey could do this in their hand. c concentrated a	and

·	
Continuation of FD-302 of	-
is unaware of anyone who wanted access or the knowledge to make bioweapons or of anyone with the access or the ability to create them. is unaware of any persons with the access and ability to create or handle dangerous biological agents, or who expressed hostile attitudes toward any political organization or the media.	b6 b7C
has never worked with anyone in that was lax in handling dangerous items or inappropriately interested in agents that could be turned into harmful agents advised that people in would limit the number of people that they would work.	
has never heard of any rumors of anyone interested in obtaining anthrax or any other biological or chemical agents or the means to produce them.	
could not say how would go about preparing dried Ba and sending it through the mail. said that has only seen it in liquid form and that	
is unaware of anyone who expressed a special interest in being able to get around forensic techniques.	
does not have any relatives or professional association with Trenton, New Jersey, Princeton or any other area of New Jersey.	
did not travel to New Jersey in September or October	
advised that there are SOP's for decontamination of Class II and Class III biosafety cabinets and suites.	

b6 b7C

the hood-line	advised that it for any period of			
aerosol challe	enges but that it o	did happen o	ne or two time	
being busy wit	th other work and	the tack of	supervision.	
	_ has smelled bleadareas.	ch in the vi	rology suites	but not ir
	<u></u>			
as sterilite h	has never used as boxes for storage			
seen any at US	SAMRIID.			
its simulants	is unaware of an which was unoffic			th Ba or
	did not keep any	lab noteboo	ks however	did advise
	did 1100 1100p dill	100000	110 110 110 110 110 110 110 110 110 110	January Williams
ones used in t	has never purchathe mailings for		ped envelopes r anyone else	
	ed the vending mac			

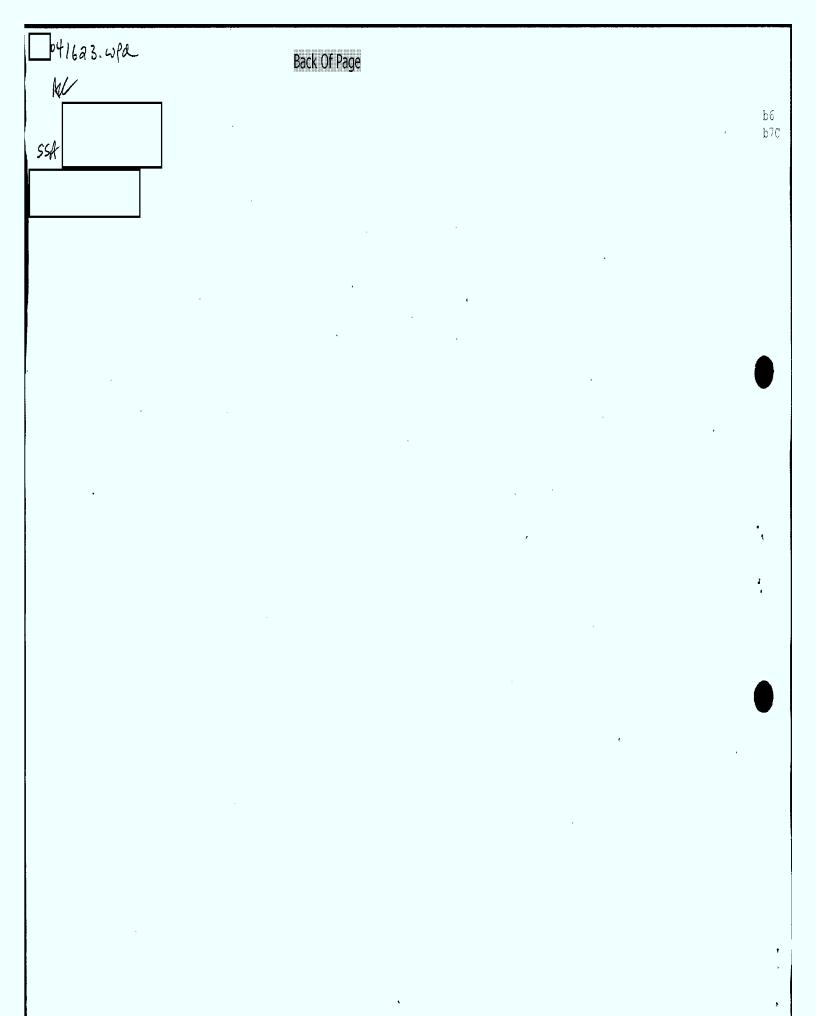
Continuation of FD-302 of	
has not done any of the analytical work on the evidence in this case.	b6 b7
advised that has never seen any empty olive oil bottles in the hot areas at USAMRIID and said that	
did not know	
did not know	
has never	
could not provide investigators with any other information in regards to or in reference to the anthrax mailings.	
did not host any foreign visitors.	
was not	

FD-302 (Rev. 10-6-95)

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-1-

Date of transcription <u>06/03/2004</u>	
Security Number	b6 b70
identities of the interviewing Agents and the nature of the interview voluntarily provided the following information: utilized Ames stock from BRUCE INTINS. is pretty sure that IVINS received that Ames stock from Dugway Proving Ground as part of the	riew,
	b6 b70
The notes obtained by SA indicated that the	
The stock of <i>Bacillus anthracis (Ba)</i> used for the aerosolization studies are diluted to the appropriate	
concentrations using	
	b6 b7C b2 b7F
westigation on 6/2/2004 at Frederick, Maryland 10 # 279A-WF-222936-USAMRIID; 279A-BA-C101392 Date dictated N/A 15 48	— b6 b7C



279A-WF-222936-USAMRIID; 279A-BA-C101392

tion of FD-302 of		, On <u>6</u>	/2/2004	_, Page	2_
		oclave is in use, the			
	s are left under the her load. The materi	hood until the autocl als from the studies			
the autoc	clave or under the ho	od; it never leaves	the hot su	ite	
	being autoclaved. On ot suite without auto				
the carca	asses be transported ing 1412 to be autocl	to the animal room in	ı the base	ment	
OI BUILDI					
knows the	e rules and procedure	Everyone For example		一	
KHOWS CHE	e rures and procedure	s. For champro,		'	
	ml - mi - m - mi - mi - mi - mi - mi - m	-1			
v	The Agent Registry was given to the FBI		view.		
		1	This vial	was	
left-over	r from previous resea	rchers and was from	BRUCE IVIN	IS '	
	on. That vial has si ally by Special Agent		y the FBI,		
12 /1 2					
_		ve the FBI copies of		ch	
	om notebook locat can or fax the pages			look	
for other	r not <u>ebook</u> s maintaine	ed by		agreed	
to contac	ct SA once the co	opies are ready.			
listing	gave the Ager	nts a copy of an exce	<u>l spreads</u>	<u>nee</u> t	
TISCIIIG		en sent to the corre			

FD-302 (Rev. 10-6-95)

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 12-16-2008 BY 60324 UC BAW/DK/TH

-1-

Date of transcription 06/03/2004—b6	
date of birth social security number was interviewed on June 2, 2004, at place of employment at the United States Army Medical Institute of Infectious Diseases (USAMRIID). After being advised of the identity of the interviewing agents and the purpose of the interview, provided the following information:	
stated that was involved with challenges of anthrax Ames	
During the time was involved in the aerosol challenges, never noticed anyone present for the challenges that did not have a purpose or reason to be there. did not always know what strain of anthrax was being handled during the aerosol challenges.	G
was educated as a As part of education was educated in some aerosol topics,	
never worked with does not recall any Primary Investigator (PI) ever wanting the material remaining in the nebulizer following an aerosol	
challenge returned to them. recalled rare occasions of	
only autoclaved material by using the autoclave in the hood lines. autoclaved everything in the hood line.	-
	b6 b7C
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Continuation of FD-302 of	, On <u>06/3/2004</u> , Page <u>2</u>
plating following an aerosol	essed or conducted the post-challenge challenge.
glass impinger (AGI) was turn	enge and sometimes the AGI material was
kept in the first floor refrigues kept for long amounts of	time in the first floor refrigerator. the post-challenge material, including the
always labele containing the post-challenge	ed the tubes taken from the hood line material with unique identifiers.
utilized in an aerosol challer	of one occasion in which antifoam was age of anthrax. The occurrence took place sol challenges being conducted for BRICE
the date on which this event of antifoam was not standard proof	could not recall stated that the use of cedure for anthrax aerosol challenges.
which strain of anthrax was us	does not recall sed during this challenge.
nebulizer during an anthrax as	antifoam was never added to the erosol challenge. Antifoam was added to aerosol process for other pathogens.
substitute for antitoam in the recall who taught how to uprocess.	is not aware of any does not ase the antifoam as part of the aerosol

r: 0 0 1

	r is possir	le that	if anti	foam was u	tilized i	an aerosc	ol challe	enge
	hat it woul					411 402050	<u> </u>	21190
			never in	troduced o	live oil t	to the aero	osol chal	llena
g	rocess.	1.					01101	
			_	had neve:	r heard o	f using oli	ve oil a	as an
a	lternative	to anti:	foam.					
_								
╁				noted	the high :	level of tu	ırnover	
F	in	the dep	<u>artment.</u>					
L								
		1	told the	interview:	ing agents	s that they	should	talk
t	·		told the	: interview	ing agents	s that they	y should	talk
	o		does not	recall an				
		ol proc	does not ess.	recall an	yone show:	ing any unu	ısual int	
i		ol proc	does not ess. provided		yone show:	ing any unu	ısual int	

Precedence:	PRIORITY		Date: 07/	07/2004	
To: Washing	ton Field/	Attn: SA			b6 b70
		Squ	ad Amerithr	ax 3	_
	uad 5/ ntact: SA				b6 .b7C
Approved By:			HEREIN IS U	FION CONTAINED NCLASSIFIED	
Drafted By:			DATE 12-16-	2008 BY 60324 UC B	b7C
Case ID #; 2'	79A-WF-222936-LEAD* ^Q 79A-WF-222936-USAMRI	o ^l (Pending) ID- ₈₅ (Pending	g)		
	ITHRAX R CASE 184				
Synopsis:	i	nterviewed	in		
	79A-WF-222936-LEAD S 279A-WF-222936-USAMR		758		
Enclosure(s) : envelope cont plans.	: (1) FD-302 of aining interview no	dated tes and nota	7/7/04. (2 ated USAMRI) 1A ID floor	b6 b7c
Details: The cover for the Close lead.	e purpose of this co e enclosed FD-302 an	mmunication d associated	is to prov 1 documenta	ide a tion.	
In	summary,			·	
operating pro	concerning the work ocedures, but ha	environment s no knowled	and standa lge of any	rd	
Descriptive I	Data:			·	
	<u>Terence</u>				
	ne - Last:				
	7/16/09				

To: Washington Field From: Re: 279A-WF-222936-LEAD, 07/07/2004

b6 b7C

First: Middle: Race: Sex: DOB: SSN: Address(es) -House #: Street Name: Street Suffix: City: State: Postal Code: Phone #: Phone #: Phone #:

**

cell)

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- 1 -

	Dat	ate of transcription	06/28/2004	b6 b7C
U (i	date of birth interviewed on June 22, 2004, at place of United States Army Medical Institute of Infect (USAMRIID). After being advised of the ident interviewing agents and the purpose of the in provided the following information:	ctious Disea city of the		
, B	Building stated that everyone involved signed a log sheet.	in an aeros	sol challenge	in
Г	said that			
L	was not an unusual request. never saw pr aerosol challenge.	resent for a	an anthrax	
r	would dispose of challenge mat	erial in th	ne autoclave	in
	recalled that post-challenge m first floor cooler in Building 1412. This in in the aerosol challenges.			
Ē	believed that probably used aerosol challenges, however, could not recall was taught the aerosol process and prope	l a specific	c instance.	
Investigat	gation on 06/22/2004 at Frederick, MD			
by S	279A-WF-222936-USAMRIID - 853 Date dice PI	ctated N/A	to your agency;	b6 b7C

279A-WF-222936-USAMRIID

Continuation of FD-3	02 of
mig	had heard that olive oil could be used in the osol process, however, never used it. believed that there ht have been a small glass bottle of olive oil in the cabinet in of Building 1412. could not recall the brand of oil.
10 0.10	All trash made in Building would be autoclaved in the ement. BRUCE IVINS determined which
500	cks would be used on each challenge. was shown a copy of the aerosol exposure data forms
for	does not recall ever adding antifoam to the nebulizer anthrax challenges. is not aware of how long the post-challenge material is
cha	ntained following an anthrax challenge. stated that the post- llenge plates were kept for weeks. recalled that IVINS would the colony count for the post-challenge plates by hand.

 $\,$ A copy of the aerosol exposure log sheet will be maintained in the 1A containing the notes of this interview.

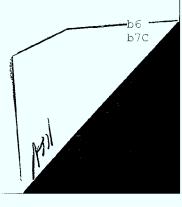
279A-WF-222936-USAMRIID -860

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	the collected samples in tabular format. Sample number six	b6 b7C b2 b7F
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File: 21101. wpd



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-1-

DATE 12-16-2008 BY 60324 UC BAW/DK/TH

FEDERAL BUREAU OF INVESTIGATION

On July 22, 2004, were interviewed at their place of employment at the U.S. Army Medical Research Institute of Infectious Diseases (USAMRIID). provided the following information:) b6 V ^{b7C}
stated that	b6
	b7C .b2 b7F
informed Special Agent that the owner of the	
	b6 b7C
Strain was provided by BRUCE IVINS on April 22, 2002 from the stock.	es
	b6 b7C b2 b7F
stated that was available to answer any other questions relating to phone number at USAMRIID is	ь6 b7С

7/22/04 at Fort Detrick, Maryland Investigation on

File # 279A-WF-222936-USAMRIID - **%19**

Date dictated N/A

b6 b7C

SA

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SSA	<u>, </u>		
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FEDERÁL BUREAU OF INVESTIGATION

Precedence: ROUTINE	Date: 07/14/2004
To: Washington Field Attn:	IIC b6 SSA b7C
ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 12-16-2008 BY 60324 UC BAW/DK/TH	SSA SA USPI
From: Washington Field AMX-3	b6 b70
Approved By:	
Drafted By:	b7C
Case ID #: 279A-WF-222936-USAMRIIDi/ ()	Pending)-%2
Title: AMERITHRAX MAJOR CASE 184	
Synopsis: To summarize information obtained to laboratory notebooks which pertained to experiments conducted by at the United Staffor Infectious Diseases (USAMRIID), For	o activities and Dr. Bruce Ivins ates Army Medical Institute
Details: In June 2004, five laborator Dr. Bruce Ivins Were reviewed. Entries in these notebook Ivins, and various other individuals, laboration contained herein was of	at USAMRIID ooks were made by both known and unknown.
Numbers are assigned by the laboratory notebooks issued to Principal notebooks can be turned in to the librate completed. Notebooks may also be retained researchers or in biological containment Because several notebooks were used containment in the containment of the containment	al Investigators. The ary for archival when ined by individual nt suites within USAMRIID.
Non-Ames research is presente prove pertinent or if Ames was probably	ed only if protocols might y used as a control.
Notebook #	, h.c.
Notebook issued on Octoon contained information on isopolysaccharides from Bacillus subtilis	tober 7, 1980 and entitled b7C olation and purification of , sonification of <i>Bacillus</i>

Washington Field From: Washington Field T6: 279A-WF-222936-USAMRIID, 07/14/2004 Re: anthracis (Ba) Sterne, a protocol for the challenge of anthrax polysaccharides, anthrax polysaccharide protein assays, and other similar information. Entries were made by and an unknown individual. On page 1, dated October 1, 1980, an unnamed growth media recipe was provided for isolation and purification of polysaccharides from Bacillus sp., requiring On page 10, written January 19, 1981, an experimental protocol by [| was listed. This protocol was entitled "Challenge of 'anthrax polysaccharide - Sterne strain' vaccinated guinea pigs with virulent B. anthracis, Vollum 1B." The objective of this protocol was to

b6

b7C

b7F

b6

b7C

b7F

b6

b7C

b7F

protect the animals against challenge with the virulent Vollum 1B strain of B. anthracis. No results were immediately provided.

An April 27, 1981 entry on page 15 provided a recipe for "G" medium in which Sterne could be sporulated:

determine whether vaccination of guinea pigs with polysaccharide derived from the attenuated *B. anthracis*, Sterne strain would

A recipe for "R" medium was listed on page 17 and dated April 28, 1981. Page 27, written by an unknown individual but initialed and dated by revealed that on July 15, 1981. set up and ran an ELISA test with the strain of anthrax spores.

On page 32, spore coat protein studies were conducted using the following medium:

Another unknown individual's handwriting was displayed on pages 42-44, and involved developing an ELISA test for the PA

T6: Washington Field From: Washington Field Re: 279A-WF-222936-USAMRIID, 07/14/2004

component of the anthrax toxin (unknown strain). No date was listed for this test.

Notebook #	
Notebook issued January 5, 1981 and entitled "Legionnaires' Disease", contained information on Legionnaire's Disease, fermenter runs with Bacillus anthracis Sterne, work with an anthrax vaccine, and other related information. Entries were made by Bruce Ivins.	b6 b7C
Page 24, dated February 4, 1981, described a medium preparation of anthrax toxin (unspecified strain), which was a modification of the "Haines, Klein, and Lincoln" preparation from the "Journal of Bacteriology", 89: 74-83.	
"Run #1 - Sterne Supe" was listed on page 28 and dated February 12, 1981. "Run #2", with some changes to that experimental procedure, was listed on page 40 and dated March 5, 1981. Ivins also ran tests attempting to purify the Ba toxin or any of its components.	
On page 48, dated March 19, 1981, Ivins wrote that has given me some PA" and that has given me some anthrax vaccine (adsorbed onto aluminum hydroxide)." The strain used for the vaccine is unknown, but the Ba was of an "avirulent, nonencapsulated strain".	b6 b7C
Page 64, on April 16, 1981, lists a protocol involving inoculating Ba Sterne from a 24-hour blood plate.	
Notebook issued April 29, 1981 and entitled "Rapid Detection of Infectious Diseases", contained information about R medium composition, optimum toxin production conditions, the anthrax strain, comparison of media for growth and toxin production, non-toxicity of spores after heat passaging, and other related information. Entries were made by Bruce Ivins.	b6 b7C b7F
Page 1, dated May 11, 1981, was entitled defined medium for B. anthracis." On the next page, three liters of the medium were made, dispensed into flasks, and incubated. On page 4, Ivins detailed a procedure in which he grew five liters of Ba (strain unknown) to give to However, no rats died after being injected with this medium; Ivins speculated that he harvested the Ba too early in the growth phase of the organism. On page 18, one liter of	b6 b7C

Washington Field From: Washington Field Tó: 279A-WF-222936-USAMRIID, 07/14/2004 medium was again inoculated, and the supernant from

Page 21 lists the

b7C this solution was saved and given to Ivins medium recipe. page 25, dated July 1, 1981, Tvins received from b6 and inoculated it into medium. b7C After b7F performing an experiment on it, Ivins concluded that all the V-770-NPI-R strains at USAMRIID produce lethal anthrax toxin. On page 40, written August 21, 1981, Ivins compared toxin production by _____ in | medium with slight shaking versus no shaking. He found, on page 41, that not as much growth was found with stationary cultures as with gently shaken cultures. Furthermore, Ivins determined that, for maximum toxin production in the _____ medium, the inoculum blood plate

h6

b6 b7C

h6 b7C b7F

On page 43, dated August 28, 1981, Ivins noted that there appeared to be differences with respect to growth of several avirulent and virulent strains of B. anthracis. He inoculated the Sterne, Vollum 1B, Ames, Colorado, and Texas strains into _____ medium and ____ medium. On the next page, Ivins determined that, when inoculating from a plate, evidently the best growth and toxin production in R medium comes when a fresh (vegetative cells, not spores) blood plate incubated in an atmosphere containing carbon dioxide is used.

must be incubated in an atmosphere containing carbon dioxide

found that, according to "Bergey's Manual of Determinative Bacteriology", the maximum growth temperature of Ba was

had been used in the past). On the same page, Ivins also

Page 60, dated October 3, 1981, detailed Ivins' observations that:

> Incubation for carbon dioxide is better for the inoculum than incubation for only The R medium is a better medium for toxin production than the _____ medium. Toxin was bound to the heterologous protein (BSA) on the polypropylene centrifuge tube.

Ivins also wanted to demonstrate that carbon dioxide promotes toxin production when inoculum plates are incubated in carbon dioxide. Additionally, he wanted to determine the best times for incubation of the plates. After conducting an

experiment to test this, Ivins found that | hours was too long b7F an incubation time for the blood plate. He believed it was apparent, at least for Sterne and that carbon apparent, at least for Sterne and ___ that carbon dioxide in the atmosphere was necessary. In the future, Ivins wanted to try raising the percentage of carbon dioxide to see whether the change increased toxin production. On page 63, dated October 18, 1981, Ivins wrote that he and Perry Mikesell were running tests to determine whether heat passaging with the Sterne, and Vollum 1B strains caused the cells to lose a plasmid that encodes toxin antigen or a toxin regulatory protein. On page 72, Ivins speculated that the heat-passaged strains lost a plasmid which: a. encodes for one or more of the toxin antigens b. encodes for a direct genetic positive regulatory element c. encodes for a protease or a protease control element (protease is responsible for cleaving large molecule(s) into smaller molecules which can escape the cell. The large molecule(s) may not be able to be easily secreted. Two or all three of the antigens may be derived from a single protein of large molecular weight). Ivins noted that he may wish to look for protease activities in the supernants and cytosols of the parent or heatpassaged strains; he also may wish to look for large molecular weight (greater than 100,000) anthrax antigens in the cytosols of the passaged strains. Notebook b6 Notebook _____ issue date January 25, 1983 and b7C contained information on the anthrax toxin EF component, tables of various experiment results, an experiment on spore coat protein, the aerosol challenge test, and a PCA test. Entries were made by individual. There was no table of contents. and an unknown

Washington Field From: Washington Field

279A-WF-222936-USAMRIID, 07/14/2004

To:

Re:

Page 9, and most of the subsequent pages, contained

On page 8, written March 29, 1983,

tables of test results of various experiments. Limited

an experiment to determine whether aeration had the beneficial effect of increasing the EF component of the anthrax toxin (unknown strain). Results of this experiment were not listed.

conducted

To: Washington Field From: Washington Field Re: 279A-WF-222936-USAMRIID, 07/14/2004 information was listed on the pages, which restricted deciphering of the tests conducted.

Page 27, continued from page 38 of Notebook b6 listed an experimental protocol for spore coat protein studies. b7C The protocol was entitled "Protective efficacy of experimental b7F anthrax vaccine against anthrax aerosol challenge". Its objective was to evaluate the efficacy of spore coat protein to protect guinea pigs against challenge with aerosols of anthrax spores. The strains used were and Vollum 1B. On page 29, dated May 11, 1983, an unknown individual listed the survival response to an aerosol challenge known as the b6 test. This test used the Vollum 1B strain. b7C On page 30, dated July 1, 1983, attempted to determine the relationship between protocatechyuic acid (PCA) and the anthrax toxin, Sterne strain. No results of this experiment were provided. Notebook . b6 Notebook issued August 30, 1996 and entitled b7C contained information on shipments of Ba from Dugway Proving Grounds, Dugway, Utah to USAMRIID, quality control sheets for these shipments, Ivins' laboratory procedures upon receipt of the Dugway shipments, and a draft of the standard operating procedure (SOP) used by Dugway to prepare the Ba Ames spores. Also contained in the notebook was correspondence, experimental results, and protocols for a serological evaluation of anthraxnaive human plasma and phlebotomy protocols. Numerous individuals contributed to this notebook. There was no table of contents. One entry listed Ba shipped to USAMRIID from Dugway for sterilization by irradiation. This occurred on thirteen different occasions between March 31, 1994 and May 14, 1996. On April 21, 1997, of Dugway shipped the b6 first two lots (4/12/97) and (4/14/97) of Ba Ames spore b7C preparations. The total volume was approximately ___of paste b7F and liquid with a total of approximately spores. These spores were received in good condition on April 24, 1997 by _____transferred them into three Bruce Ivins. Ivins 500-ml centrifuge bottles with a total of about 420 ml of sterile water for injection. On April 28, 1997, 600 ml to each of eight polypropylene



b7F

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Washington Field From: Washington Field 279A-WF-222936-USAMRIID, 07/14/2004 To:

Re:

centrifuge bottles; these were stored at 2-8 degrees Celsius.
On May 1, 1997, Ivins sent an e-mail to
saying that he had just purified the spores from Dugway on
Ivins wrote, "They look good, separate (not clumped), virtually no bacilli or other debris.
The final preparation is unclumped, refractile spores." The ultimate viability was determined to be about
In a memorandum dated June 9, 1997, described lots 3, 4, and 5 (lot numbers 4/22/97, 4/25/97, and 5/19/97, respectively) of Ba Ames spore preparations. The total volume was approximately of paste and liquid with a total of approximately spores. Ivins received this shipment on June 25, 1997. During Ivins' processing of the spore preparations, he added
centrifuge bottles; the bottles were stored at 2-8 degrees
Celsius. Ultimately. Ivins was left with 250 ml at
In a memorandum dated July 8, 1997, described sending two lots, numbered 5/22/97 and 6/28/97, to Ivins. Ivins received this shipment on July 10, 1997. During his processing of the spore preparations, Ivins added
each of 4 sterile
polypropylene centrifuge bottles; these bottles were stored at 2-8 degrees Celsius. Ultimately. Ivins was left with 170 ml of
In a memorandum dated July 23, 1997, described sending two lots, numbered 6/11/97 and 6/17/97, to Ivins. Ivins received this shipment on July 24, 1997. During his processing of the spore preparations. Ivins added
each of 8 sterile polypropylene
centrifuge bottles; these bottles were stored at 2-8 degrees Celsius. Ultimately, Ivins was left with 240 ml

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In a memorandum dated August 6, 1997, b6 sending two lots, numbered 7/21/97 and 8/2/97, to Ivins. b7C received this shipment on August 7, 1997. During his processing b7F of the spore preparations, Ivins added each of 8 sterile polypropylene centrifuge bottles; these bottles were stored at 2-8 degrees <u>Celsius. Ultimatelv. Ivins</u>was left with 140 ml In a memorandum dated September 3, 1997, described sending one lot, numbered 8/4/97, to Ivins. received this shipment on September 4, 1997. During his processing of the spore preparations, Ivins added each of 8 sterile polypropylene centrifuge bottles; these bottles were stored at 2-8 degrees Celsius. Ultimately, Ivins was left with 100 ml In a memorandum dated September 23, 1997, described sending two lots, numbered 9/9/97 and 9/15/97, to Ivins received this shipment on September 25, 1997. During his processing of the spore preparations, Ivins added each of 16 sterile polypropylene centrifuge bottles; these bottles were stored at 2-8 degrees Celsius. Ultimately, Ivins determined that the spores were too "dirty", with too much debris. These spores would not be added to the GLP Ames spore batch. Quality control sheets for batch numbers 4/12/97, 4/14/97, 4/22/97, 4/25/97, 5/19/97, 5/22/97, 6/28/97, 7/11/97, 7/17/97, 7/21/97, 8/2/97, 8/4/97, 9/9/97, and 9/15/97 were sent b6 b7C from to Ivins on October 30, 1997. In addition, scanning electron microscope photographs from lots 4/12/97 and 5/19/97 were included. Ivins sent an e-mail to on October 9, 1997. The e-mail regarded the b6 GLP Ames spores received from Dugway. Ivins advised that the b7C preparation would be known as and consisted of b7F Ames spores, greater than of which is in individual, refractile spores. Less than ___ of the material is clumped spores, non-refractile spores, vegetative cells, or other debris. Ivins also conveyed that he, would run tests on the preparation and

To: Washington Field From: Washington Field

Re: 279A-WF-222936-USAMRIID, 07/14/2004

wrote another e-mail to all the above individuals except
In this e-mail, he discussed dispensing the spores
into various aliquots, and revealed that the concentration was
about
Another netabook optym was entitled "Game of Work
Another notebook entry was entitled "Scope of Work - Bacillus anthracis Ames Spores". A letter was sent from
and detailed the terms of the
agreement involving USAMRIID shipping 4 vials of Ba spores to
Dugway. Dugway would then grow a total of approximately 10
batches of spores, which would be sent as individual shipments to
USAMRIID. The USAMRIID points of contact were designated as
Bruce Ivins (technical) and(administrative),
while the Dugway points of contact were
(administrative) and (technical). A standard
operating procedure (SOP) containing the details of how the
spores were produced, equipment used, materials, and quality
control procedures used was to be provided within one month after Dugway's last shipment to USAMRIID. In addition, batch records
for each spore preparation produced would contain the following
quality control results: the percentage of spores and vegetative
cells, a test for the viability of spores after heat-shocking of
a test sample, electron microscopy photographs of spore
preparations, photographs of colony morphology, photographs of
spore stains, and phage sensitivity. In addition, 10 colonies
from each batch would be tested on halo agar. The supplier, lot
number of media components used, media sterility test results,
and the results of purity testing of the spore preparations would
also be provided. Purity testing was to be conducted prior to
heat shocking. Each batch, including all photographs and
results, was to include a batch number at the time of the
shipment. The batch records were to be sent within two weeks of each shipment.
each shipment.

b6 b7C b7F

b6 b7C

Also contained within the notebook was a Dugway procedure for anthrax spore preparation in bench top fermentors. This standard operating procedure (SOP) draft outlined the culture and processing methods used for preparation of Ba spores in less than 10 liter quantities. Such preparations were for use as challenge material in testing bio-defense material. The preparations could also be used for other applications such as antigen for the production of antiserum or for use as coating antigen in antibody capture enzyme-linked immunosorbent assays (ELISAs).

On February 12, 1998, e-mailed to request that Dugway send a letter stating that the draft SOP

entitled "Procedure for anthrax spore preparation in bench top fermentors" was in fact the final procedure used for the spore preparations sent to USAMRIID from Dugway. However, no such letter from was found in the notebook. One of the steps in the above SOP under "Materials and Methods" required adding Numerous pages within the notebook contained correspondence, experimental results, and protocols for a serological evaluation of anthrax-naive human plasma and phlebotomy protocols. Also in the notebook was a "MTT ___Samples", dated 7/2/96. Cytotoxicity Assay for These samples did not appear to include Ba. A report, dated February 18, 1997, was entitled "Affinity-Purified Human IgG Anti-PA", and was written by LTC of USAMRIID's Diagnostic Systems Division. Reference Material Receipt Record (RMR) 1012, dated December 6, 1996 and written by described "Affinity Purified Anthrax Human IgG". A report entitled "Methods in Immunohematology" was Director of the Blood Bank Reference Laboratory and Associate Professor of Immunohematology at the University of Michigan Medical School, Ann Arbor, Michigan. report described plasma recalcification and the treatment of collected blood, plasma, and serum.

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Washington Field From: Washington Field

279A-WF-222936-USAMRIID, 07/14/2004

Tó:

Re:

was written on January 22, 1997 by BMDS, Radio Frequency Technologies. This report referenced quality control validation procedures for BMDS equipment and devices, and summarized the various tests and quality control steps applied to the IPTT

A special report for

transponder.

To: Washington Field From: Washington Field

Re: 279A-WF-222936-USAMRIID, 07/14/2004

On January 3,	1997 <u>,</u>	
	sent	a letter concerning
		This letter involved
the study, number	performed for USAM	RIID from August 16,
1996 to December 12, 199	<u>9</u> 6.	

b6 b7C

A fifth laboratory notebook that was written or co-written by Bruce Ivins and once archived by the USAMRIID library, had been destroyed and so its contents could not be examined. The USAMRIID library advised that they contained no other laboratory notebooks from Ivins which the FBI had not already perused.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 12-16-2008 BY 60324 UC BAW/DK/TH

FEDERAL BUREAU OF INVESTIGATION

Date of transcription 01/08/2004
•
On 01/07/2004,date of b6
birth: social security number: home home home
number: work phone number: was
interviewed at place of employment. After being advised of the
identity of the interviewing agents and the purpose of the
interview, provided the following information.
is employed as a
of USAMRIID specializing in
has a from the University of and a in
and a in College Qurrent work involves work in
current work involves
does no direct work with Bacillus anthracis (B. anthracis).
worked with B. anthracis when
working for
worked with living B. anthracis for
has never used the modified G sporulation_media.
mas never asea one modified a sporatation meata.
has never sent B. anthracis or done any research
outside of USAMRIID.
Investigation on 01/07/2004 at USAMRIID, Fort Detrick, MD
883 1555
File # 279A-WF-222936-USAMRIID, 279A-BA-C101392 Date dictated 1/08/2004
Postal Inspector Postal Inspector Postal Inspector Postal Inspector
-
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Continuation of FD-302 of	_
work involved the use of small amounts of a single colony.	b6 b7C
has never used dried B. anthracis or used a lyophilizer to dry it.	
provided the following names of people who may have expertise in weaponization techniques, spore production, and lyophilizing of Ba; BRUCE IVINS	
· · · · · · · · · · · · · · · · · · ·	
could not identify any areas of USAMRIID which had problems with bacterial contaminationdid recall that swabs were taken after samples of the B. anthracis evidence was brought into USAMRIID and that one or two spores were found.	
identified suite area as the area routinely used. has worked in room rooms	b6 b7C
has used the walk-in cooler in room and stated that it is a large walk-in type unit and is used by everyone including temporary researchers. also stated that many items have been left behind in it by temporary researchers after they were finished with their research. stated that during the cooler was cleaned out and old research projects destroyed.	
stated that the cooler is used by a large number of different researchers in various departments and stated that has seen unknown researchers in the cooler but said that it was normal. also stated that it is a constant battle to clean out the cooler lockers with old stuff left in them.	b6 b7C
knew "piggy-backing" happened and that let people knew enter into areas behind also stated that has	

Continuation of FD-302 of		,On <u>01/07/2004</u>	_ , Page 3	b6 b7C
never obse supposed t	erved any unknown to be in.	persons in areas that they were	not	
difficult training a	due to the fact	sts were taken into hot areas, bu that they had to go through safet irst before being allowed into th	v .	
double bag remove an	ertlystated gged and tagged. [item covertly tha	nown anyone to attempt to remove that all items set for destructistated that if someone wanted at it would be an easy task, but thing being removed.	on are to	
Agent for	did not known use in some impro	w anyone who may want to make a S oper fashion.	elect	4
organizat	does not knoion, media or othe	ow of anyone hostile toward any pers.	olitical	
know of an	in the mailing of nyone to have an chemical agents o	ow or suspect anyone who might be the anthrax-laced letters. dinterest in gaining access to ant or means to produce them without	oes not hrax or	
knew of an then state removed.	nyone being lax in ed that people who	, "two part question" when asked n the handling of dangerous items o have been lax have been discipl nly one person came to mind,	.	
				•
				b6 b7C b7F
interest :	is unaware of in being able to	of anyone who expressed a special get around forensic techniques.	k	o6 o7C

Continuation	n of FD-302 of
	does not have any association with Trenton, or Princeton, New Jersey.
	has never been to New Jersey and does not like to
	in 2001.
	There are SOP's for decontamination of Class II and III biosafety areas, and paraformaldehyde is used as well as bleach due to the fact that most of the equipment is stainless steel.
	There is an autoclave in the basement for using glutaraldehyde to clean and decontaminate paper and was last used in the late 1980's for destruction of lab notebooks.
	has never smelled any decontamination agents in the
	Plastic containers are used for sharps, pads and are of the red plastic type, small containers used in the hood areas. Various sizes are used to autoclave items and cultures but no large size containers are used.
٠	is unaware of any work being conducted with Ba or its simulants for any unofficial work.
•	work was recorded in lab notebooks and is stored in the library at USAMRIID and under the control of There is a total of
v	has never purchased pre-stamped envelopes like the ones used in the mailings.
	has never used any of the vending machines in Frederick to purchase pre-stamped envelopes.
	has never handled any of the anthrax-laced letters or envelopes.
	did not do any of the analytical work on the evidence for this case.

ontinuation of FD-302 of
did not know
only recalls seeing in the hot suite building and only by face in
never saw at USAMRIID after
is unaware of anytime that let piggy-back into building areas.
did not know what was working on at USAMRTID due to the fact that was working in the
was unaware of ever seeing working with or using a lyophilizer. Other people use the equipment, and it is an open area used twenty-four hours a day.
did not know of removing any equipment. did not recall ever seeing by the walk-in cooler, room
USAMRIID. was at
said that would have to store samples in
did not know of any research samples that
never talked with in reference to
has never

Continuation of FD-302 of	,On <u>01/07/2004</u> ,Page 6
Investigators may war individuals in reference to the	nt to talk to the following e case,:
did not host any	v foreign visitors.
was not	
The investigation of August 9, 2004.	is still in progress as of

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-1-

FEDERAL BUREAU OF INVESTIGATION

Date of transcription 07/30/2004	
On July 23, 2004, residing at telephone was interviewed by Special Agents After being advised of the nature of the interview and the identity of the Agents provided the following information:	b6 b7c
attended schooling in	n
the where was schooled in is currently employed at stated that	
advised that was	
advised that was	b6 b7C
through the interview and stated that was never involved in the growth of Ba or other infected samples, was not familiar with specific contracts or projects. stated that the Ba and other infectious samples were located in various storage areas. stated that did not feel these storage areas had appropriate security. stated that would routinely see individuals "piggyback" into the storage areas. In addition stated that saw visitors all the time and some appeared to be unescorted.	ie
大30/2502·502·5	302
Investigation on 7/23/2004 at Fairport, New York UMURITO Date dictated 7/30/2004 SA Date dictated 7/30/2004 Dat	- b6 b7C
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Continuation of FD-302 of		, On	7/23/2004	, Page2	- b6
in the building	ngs specifically	was stored there	n cooler in r	oom	b7
The	rom paperwork at U	recalled wo	rking with	of	b6 b7
could not rec	(phonetic), there all by name.	were other scien	eist willen		\ b6 b7
Scientist WOV to the Team T samples where	nts from the "Hot sold routinely leave members on what need not signed out and them.	eded to be done want of the decire and it appeared the	gent out with with them. That they did	a note 'hese	b6 b7
used, the dr	media and was unsu	knowledge of the of lyophilizer u f Ba originated	culture tech sed, strains or manufactur	01 20	
expertise in lyophilizing		iar with individ	uals who had roduction an aware of any TID or anyon	one who e who may	7
	was not aware create or handle da hostile attitude	of any person w	with access a	nd o	3

Continuation of FD-302 of		,On <u>7/</u>	23/2004	_, Page3_	
mailings o	to be a suspect of of anthrax letters	vare of any individual we possibly being associans. Stated that of anthrax letters.			b6 b7C
	was not av items or inapproprinto harmful ager	vare of anyone who was loriately interested in a ots.	ax in han gents tha	dling t could	
biologica	be interested in	re of any individual at a gaining access to anthous or the means to probability to do so.	irax or an	y other	
sending i	was not fat through the mail	amiliar with the process	of dryin	ng Ba and	
special i		amiliar with anyone who able to get around forer			
associati	does not bon related to Trem	nave any personal or pronton, New Jersey or other	ofessional er areas c	of NJ.	
traveling		ravel and was not aware er or October 2001.	of others had b		b6 7 b7C
discard h in the ap	nation of Class I: azardous material: propriate sharps o	at the Standard Operating and Class III was to a single the appropriate transformation of the state of familiar with them.	spray blea	ach, sharps	`,
	stated the	at had friends in			
container USAMRIID.		atnever used plast: ite boxes, for storage (
or its st		ware of any work being of unofficial or not reco		with Ba	

, On 7/23/2004 , Page ____ Continuation of FD-302 of stated that all of work was recorded in lab notebooks did not purchase pre-stamped envelopes. did not purchase pre-stamped envelopes in vending machines. did not personally handle any of the anthrax laced letters or envelopes. did not do any analytical work on the evidence in this case. was familiar with discuss never heard make references to killing people, never heard political issues, scenarios involving anthrax, avoiding forensic detection, books or reading materials. was not aware of associated with or if was not aware of whom had connections in NJ or Princeton. According to "piggyback" into any area with never let remove equipment from USAMRIID or an never saw perform any scientific work. undetectable area, never saw was not aware of where stored samples and material, not aware of any samples or material which did not host foreign visiting scientist during employment at USAMRIID. stated that did see foreign visiting scientist while was employed there. was not

b6 b7C

FD-302a (Rev. 10-6-95)				
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•				

Continuation of FD-302 of		, On <u>7/23/2004</u>	, Page5	 b6
information which may be he	t was not lpful to this	aware of any add	itional	b7C

FEDERAL BUREAU OF INVESTIGATION FOIPA DELETED PAGE INFORMATION SHEET

No Duplication Fees are charged for Deleted Page Information Sheet(s).

Total Deleted Page(s) ~ 11

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Page 38 ~ b2, b6, b7C, b7F

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