

## Whitworth, Amy

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**From:** Le-Doux, Lee [lle-doux@doeal.gov]  
**Sent:** Monday, June 16, 2008 12:34 PM  
**To:** Whitworth, Amy  
**Subject:** RE: LASO MC&A

Thanks. Pam Valdez did not get a copy of your observations from last weeks efforts. Can you send a copy. You may get a similar request from Pam. I will be taking you up on your offers to help. I look forward to Russ showing up so that we can map out the path forward.

>  
> From: Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]  
> Sent: Monday, June 16, 2008 8:55 AM  
> To: Chavez, William J.; Le-Doux, Lee; Delgado, Mark A.  
> Cc: (b)(6)  
> Subject: LASO MC&A  
>  
> Lee, Will, and Mark,  
>  
> I appreciate the time and effort you gave our team last week and the  
> candor with which you collectively expressed your concerns with LASO.  
> I met with Russ Kirkpatrick this morning and I am optimistic about the  
> future.  
>  
> While I remain an advocate for a full time 100% FTE for MC&A at LASO,  
> I will take advantage of the fact that there are three of you  
> currently providing some level of support to the program. I am  
> depending on you to provide me a status update and identifying the  
> need for additional support to the Site Office. I have the services  
> of (b)(6) for this purpose - although there is a competition for  
> her time/support. (b)(6) is a veteran MC&A resource who has first  
> hand experience in leading an effort to restore health to a red MC&A  
> program (at Y-12). She knows well what level of oversight is helpful  
> during this type of situation and can be an asset to you.  
>  
> As the contractor is putting together the Program Improvement Plan,  
> let's think about what the analog would be for the federal MC&A  
> program. Some actions are already in motion - like ensuring that you  
> have access to the site without the 5 day requirement for paperwork.  
> Others were in the form of recommendations - such as attending  
> existing S-4 training and the international MC&A training that LANL  
> conducts. If you would like, I can assist you in the development of  
> the federal analog and be an advocate by providing you information on  
> opportunities. Likewise, (b)(6) can also be a good resource for  
> bouncing ideas off of and providing advice. Let's keep these  
> communication channels open.  
>  
> Sincerely, Amy  
>  
> Amy B. Whitworth  
> Acting Office Director  
> Office of Field Integration  
> NNSA MC&A Program Manager  
> Senior Technical Advisor  
> Office of the Associate Administrator  
> for Defense Nuclear Security  
> National Nuclear Security Administration  
> (202) 586-2505/5324 (phone/fax)  
> Room GP-196  
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>

## Whitworth, Amy

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**From:** Le-Doux, Lee [lle-doux@doeal.gov]  
**Sent:** Tuesday, January 15, 2008 12:52 PM  
**To:** Whitworth, Amy  
**Cc:** Ferry, Ray; (b)(6)  
**Subject:** RE: NNSA MC&A Implementation Panel

I've forwarded your inquiry to (b)(6) the Group Leader for the MC&A function at LANs. I want to ensure that the appropriate LANs folks are plugged in. I am looking to (b)(6) to review scheduled activities and to advise of LANs ability to host in the time frame mentioned. I will share this with you as soon as I hear from (b)(6)

>  
> From: Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]  
> Sent: Monday, January 14, 2008 12:31 PM  
> To: Le-Doux, Lee; Ferry, Ray  
> Cc: (b)(6)  
> Subject: NNSA MC&A Implementation Panel  
>  
> Lee and Ray,  
>  
> (b)(6) has been requesting for a long time to host an NNSA MC&A  
> Implementation Panel Meeting. We are hoping to conduct the May 2008  
> IP at LANL, is that okay with LASO? What is entails is LANL supplying  
> the meeting space and also a site tour (if possible for the Panel  
> members). We have done this at NTS and SRS so far.  
>  
> Amy B. Whitworth  
> NNSA MC&A Program Manager  
> Senior Technical Advisor  
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>

## Whitworth, Amy

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**From:** Kirkpatrick, Russell [rkirkpatrick@doeal.gov]  
**Sent:** Tuesday, May 19, 2009 7:47 PM  
**To:** Whitworth, Amy  
**Subject:** LANL review

What are the dates that your team will be at LANL?

## Whitworth, Amy

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**From:** Kirkpatrick, Russell [rkirkpatrick@doeal.gov]  
**Sent:** Thursday, April 16, 2009 6:53 PM  
**To:** Whitworth, Amy  
**Subject:** RE: LANL MC&A Update

I rated the PBI as Red.

---

**From:** Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]  
**Sent:** Thursday, April 16, 2009 4:52 PM  
**To:** (b)(6)  
**Cc:** Kirkpatrick, Russell  
**Subject:** Re: LANL MC&A Update

I think the difference is in the perspective. Self-assessment is one thing, validation from Federal oversight is another. We can all agree that we are going in the right direction at an appropriate pace.

Looking forward to seeing (b)(6) next week - but not looking forward to the GST effort - painful.

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

**From:** (b)(6)  
**To:** Whitworth, Amy  
**Cc:** Kirkpatrick, Russell  
**Sent:** Thu Apr 16 18:47:34 2009  
**Subject:** RE: LANL MC&A Update

Amy...thanks for the input. I do fully understand your concerns, but given the significant progress made in the program, I believe a yellow rating is appropriate. I would concede that within the yellow rating, we are still closer to red than we are green, but I'm confident that the June assessment team visit will validate that our program is well on the way to being the first-class, fully compliant program we all want.

In fact, today I received an update from the MC&A team on the status of implementing the Phase II -- basically, a mid-phase report and we continue to keep the momentum required in instituting policies and process procedures for sustained operations. I'll ensure this week's report highlights our Phase II progress.

I really appreciate all the help we've received throughout the MC&A community. (b)(6) will be in Las Vegas next week and I'll encourage him to discuss, in detail, where our program stands, but more importantly where we are headed.

(b)(6)

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

From: Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]  
Sent: Thursday, April 16, 2009 1:19 PM  
To: (b)(6)  
Subject: RE: LANL MC&A Update

(b)(6) - I am now going to be at KCP that week leading the INFOSEC community in a Safeguards First Principles Initiative exercise, so I won't be here, but I know Doug will appreciate the brief.

Wanetd to let you know that during the PEP briefs from the Site Offices this week that LASO briefed MC&A as yellow and both Brad and myself had concerns about calling the program in its current state as yellow (vice red). While there has been significant progress achieved (resolving the IMI, hiring new individuals, plans developed) there remains a significant amount of work to address sustainability (process and procedures development - institutionalizing the improvements to data analysis). I hope you understand our concerns.

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
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Room GP-196

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

From: (b)(6)  
Sent: Thursday, April 16, 2009 2:56 PM  
To: Fremont, Douglas  
Cc: (b)(6); Whitworth, Amy; Kirkpatrick, Russell  
Subject: LANL MC&A Update

Doug...per our earlier discussion on your last visit to LANL, (b)(6) and I would like to take an opportunity to update you and your staff on our MC&A program next month. We are available either the afternoon of 13 May or morning of 14 May. We can provide the update in one hour.

Anyway, let me know what works best for you and we'll set it up with your staff.

(b)(6)

## Whitworth, Amy

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**From:** Kirkpatrick, Russell [rkirkpatrick@doeal.gov]  
**Sent:** Friday, February 27, 2009 11:04 AM  
**To:** Whitworth, Amy  
**Cc:** (b)(6)  
**Subject:** Re: DNS input to NNSA Press Release

We have one but has not been released. I talked to Don Ami and asked to coordinate with you, LANL and HQ's before issue

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

From: Whitworth, Amy <Amy.Whitworth@nnsa.doe.gov>  
To: Peterson, Bradley (HQ)  
Cc: Freemont, Douglas (HQ); Leifheit, Kevin R (HQ); Wyka, Theodore A (HQ); Kirkpatrick, Russell; Loughead, Tracylynn (HQ); Loughead, Tracylyn C.; Ruberg, Casey (HQ)  
Sent: Fri Feb 27 08:26:18 2009  
Subject: RE: DNS input to NNSA Press Release

Brad,

I just spoke with Tracy and Casey and they advise against issuing our own press release. The media are contacting the lab and Tracy and Casey will make sure that they provide us their responses. Tracy feels that having the lab issue the statement yesterday and fielding all the inquiries is the way to go. If we were to issue our own statement, then it might appear like dueling press releases.

Additionally, Tracy met with Pete Hanlon this morning on this issue and his response to a potential NNSA press release was negative.

I forgot to ask if LASO was going to release their own statement, so I am asking that of Tracy and Russell for them to answer.

Tracy - please let me know if I did you justice on the PA position.

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
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Room GP-196

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

From: Whitworth, Amy  
Sent: Friday, February 27, 2009 8:31 AM  
To: Loughead, Tracylynn; Loughead, Tracylyn C  
Cc: Peterson, Bradley; Fremont, Douglas; Leifheit, Kevin; Wyka, Ted; Kirkpatrick, Russell  
Subject: DNS input to NNSA Press Release  
Importance: High

Tracy,

Please find attached the DNS input for the NNSA Press Release on the LANL MC&A issue. When you have an opportunity, please give me a call to discuss. We'd like to see the LASO press release and ensure consistency. As always, we rely on your expertise to say the right things and make us look good.

Amy

Amy B. Whitworth  
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## Whitworth, Amy

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**Subject:** FW: Telecon w/Amy Whitworth (HQ), (b)(6) &  
Lee Le-Doux RE: MC&A Program \*\*CALL-IN # (505) 284-2327 code: 125 POC: Le-Doux  
5-9235

**Location:** Russell's Office

**Start:** Wed 11/5/2008 11:00 AM  
**End:** Wed 11/5/2008 12:15 PM  
**Show Time As:** Tentative

**Recurrence:** (none)

**Meeting Status:** Not yet responded

A telecon has been scheduled for 11/5/08 for 0900 MST. The call in number is (505) 284-2327 code 125.

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**From:** Sando, Ilana A. **On Behalf Of** Kirkpatrick, Russell

**Sent:** Tuesday, October 21, 2008 4:28 PM

**To:** Kirkpatrick, Russell; Le-Doux, Lee

**Subject:** Telecon w/Amy Whitworth (HQ), David Young (Y-12), (b)(6) & Lee Le-Doux RE: MC&A Program \*\*CALL-IN #  
(505) 284-2327 code: 125 POC: Le-Doux 5-9235

**When:** Wednesday, November 05, 2008 9:00 AM-10:15 AM (GMT-07:00) Mountain Time (US & Canada).

**Where:** Russell's Office

## Whitworth, Amy

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**From:** Kirkpatrick, Russell [rkirkpatrick@doeal.gov]  
**Sent:** Wednesday, September 24, 2008 11:52 AM  
**To:** Whitworth, Amy  
**Subject:** RE: Additional questions

The FY 2009 PBI for security is:

Total	\$1,462,000		
Execute FY09 AIP		\$600K	
Execute MASS Replacement Project Plan	\$300K		
Eliminate Non-Standard Storage		\$200K	
MC&A			\$387,100 ( 3 specific targets
with 25%/25%/50% on completion)			
LANL Emergency Management Operations	\$475K		

I will be meeting with Roger Snyder this afternoon to discuss SM issues to include recent OIO inspection and current and future fees.

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**From:** Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]  
**Sent:** Wednesday, September 24, 2008 9:36 AM  
**To:** Kirkpatrick, Russell  
**Cc:** Leifheit, Kevin (HQ)  
**Subject:** Additional questions  
**Importance:** High

Russell,

How many \$s are tied to security in the current LANL PEP measures? What actions are being taken to address the GAO concerns on the measures themselves? Also, do you have any preliminary thoughts on fee at risk in both ops/management and security tied to the recent inspection results in MC&A and CMPC? What is the timeframe for making that decision?

Once again - answer needed yesterday. Sorry.

Amy B. Whitworth  
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## Whitworth, Amy

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**From:** Kirkpatrick, Russell [rkirkpatrick@doeal.gov]  
**Sent:** Wednesday, September 10, 2008 10:14 AM  
**To:** Whitworth, Amy  
**Subject:** RE: Any response

We are working the numbers for budget.

---

**From:** Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]  
**Sent:** Wednesday, September 10, 2008 7:20 AM  
**To:** Kirkpatrick, Russell  
**Cc:** Leifheit, Kevin (HQ)  
**Subject:** Any response

From Roger Snyder on a 3 month LASO MC&A detailee?

Amy B. Whitworth  
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**Whitworth, Amy**

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**From:** Kirkpatrick, Russell [rkirkpatrick@doeal.gov]  
**Sent:** Tuesday, September 09, 2008 9:28 AM  
**To:** Whitworth, Amy  
**Subject:** RE: LASO support

Thank you, I appreciate the help.

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**From:** Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]  
**Sent:** Tuesday, September 09, 2008 6:52 AM  
**To:** Kirkpatrick, Russell  
**Cc:** Le-Doux, Lee; Chavez, William J.; Delgado, Mark A.; (b)(6) Leifheit,  
Kevin (HQ); McNeilly, Debra (HQ)  
**Subject:** LASO support  
**Importance:** High

Russell,

Given the status of the inspection, I think it would be a better use of (b)(6) time to support LASO vice LANL this week. I have asked her to meet up with Lee this morning and attend the table top exercise.

Please let me know you received this e-mail.

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
~~Office of the Associate Administrator~~  
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National Nuclear Security Administration  
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Room GP-196

## Whitworth, Amy

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**From:** Kirkpatrick, Russell [rkirkpatrick@doeal.gov]  
**Sent:** Wednesday, September 03, 2008 11:24 AM  
**To:** Whitworth, Amy  
**Subject:** RE: LASO Support

Yes

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**From:** Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]  
**Sent:** Wednesday, September 03, 2008 9:20 AM  
**To:** Kirkpatrick, Russell  
**Cc:** (b)(6)  
**Subject:** LASO Support

Le-Doux, Lee

Russell,

I spoke with (b)(6) about her efforts to support LASO last week and she had mentioned that she had a conversation with Lee about the need for formalized operational processes for LASO. We have sent you, Roxanne, and Lee the YSO operations procedures as a benchmark - would you be interested in having (b)(6) working on tailoring them for LASO?

Amy B. Whitworth  
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## Whitworth, Amy

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**From:** Kirkpatrick, Russell [rkirkpatrick@doeal.gov]  
**Sent:** Wednesday, July 16, 2008 7:46 PM  
**To:** Whitworth, Amy  
**Cc:** Le-Doux, Lee  
**Subject:** RE: LASO/LANL support  
**Signed By:** Verifying the signature. Click the icon for details.

Sounds good, I will talk to Lee in the morning and we can contact you also to see if we can work this via phone for the short term with (b)(6) and David.  
Thanks for your help.  
Russell

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

From: Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]  
Sent: Wednesday, July 16, 2008 8:29 AM  
To: Kirkpatrick, Russell  
Cc: youngda@yso.doe.gov; (b)(6) Le-Doux, Lee; Delgado, Mark  
Subject: Re: LASO/LANL support

Russell,

We just finished our meeting with the inspection team. It was interesting. They are, appropriately, withholding judgement until they see the PIP - but in theory they are skeptical that the lack of formal findings for issues addressed in the PIP is appropriate. To address their concern we thought that a single finding addressing the PIP would probably be sufficient and that way the significant administrative burden associated with multiple findings would be minimized.

Let me know what you think.

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

To: Russell Kirkpatrick  
Cc: David A Young  
Cc: (b)(6)  
Cc: Lee Le-Doux  
Cc: Mark Delgado  
Sent: Jul 16, 2008 8:42 AM  
Subject: LASO/LANL support

Russel,

Following our discussion yesterday I met with (b)(6) David, (b)(6) and (b)(6) I believe that we all agree that there are a substantial amount of issues that negatively affect the health of the LANL MC&A Program. These issues are currently captured in the Program Improvement Plan (PIP).

When we discussed the potential difference in opinion on the color of the program, Diane informed us that she briefed it to you in the context of "material at risk." Given the role of the MC&A program as primarily a detection element, it has historically been extremely difficult to link weaknesses in the MC&A program to "material at risk." That conclusion would not solely be based upon the MC&A program but also include physical security and protective forces given our defense-in-depth strategy.

We agree that another review next week would not be helpful at this time, but what would be constructive is to institute weekly status meetings between LASO and LANL on progress to the PIP. That said, (b)(6) and David stand ready to work with Lee and Mark on setting that process up and participating either in person or via conference call. Additionally, we propose that a separate meeting/call between the "feds" occur prior to the weekly status meeting/call with the contractor to ensure that we strengthen our LASO oversight function.

Let me know if this approach is acceptable to you.

We are meeting with the Independent Oversight MC&A team this morning to discuss how they will approach the upcoming inspection with the PIP in place.

**Whitworth, Amy**

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**From:** (b)(6)  
**Sent:** Tuesday, January 15, 2008 2:03 PM  
**To:** Whitworth, Amy  
**Subject:** FW: NNSA MC&A Implementation Panel

FYI - I'm in trouble again.....Progression is never made without regression.....

>X-Sieve: CMU Sieve 2.2

>X-Mailer: GNU MailEx 2.1.2

(b)(6)

(b)(6)

(b)(6)

(b)(6)

(b)(6)

(b)(6)

>>Do you have a preference on when this panel meeting should be held?

>>

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>>From: (b)(6)

>>Sent: Tuesday, January 15, 2008 7:17 AM

>>To: Whitworth, Amy (HQ); Le-Doux, Lee; Ferry, Ray

>>Subject: Re: NNSA MC&A Implementation Panel

>>

>>Great, thanks Amy!

>>

>>Just confirming, May or March? I have scheduled my surgery for the

>>week of 1/28 and will be back in 4-6 weeks (I was back in 4 weeks

>>the first time) - March 3rd or 10th.

>>

>>I've also told (b)(6) that SFPI is a priority for (me) this

>>year and will ask for permission to discuss that with Ray Ferry. I

>>also have NDA replacement schedule and technology enhancements on

>>the radar screen. (I am going over your email on your perspective

>>of LANL MC&A priorities, I had left on medical before getting to it.)

>>

>>I am funded for travel so I can make it to various venues for

>>meetings, including DC. Please, please, keep me in the loop.

>>

>>Kindest Regards,

>> (b)(6)

>>

>>At 12:30 PM 1/14/2008, Whitworth, Amy wrote:

>>

>>>Lee and Ray,

>>>

>>> (b)(6) has been requesting for a long time to host an NNSA MC&A

>>>Implementation Panel Meeting. We are hoping to conduct the May

>>>2008 IP at LANL, is that okay with LASO? What is entails is LANL

>>>supplying the meeting space and also a site tour (if possible for

>>>the Panel members). We have done this at NTS and SRS so far.

>>>

>>>Amy B. Whitworth

>>>NNSA MC&A Program Manager

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(b)(6)

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(b)(6)

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(b)(6)

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(b)(6)

## Whitworth, Amy

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**From:** Le-Doux, Lee [lle-doux@doeal.gov]  
**Sent:** Thursday, June 19, 2008 5:41 PM  
**To:** Whitworth, Amy  
**Subject:** RE: LASO support

Amy. Thanks. I am using Mark and Will in roles that they are unfamiliar with, however both are approaching new assignments in a positive and willing manner. The mentoring that can be provided by (b)(6) is much needed. Anytime we can get (b)(6) is good. (b)(6) can help with some of the immediate activities as well as help craft a path forward for the LASO MC&A function. I met with (b)(6) this p.m. and she is working the PIP as well as other program interests. I will be working the PIP with LANL and will ask (b)(6) and others for help. I expect to hear from Diane this p.m. about her plans for a draft PIP.

The canceled training was uncanceled. Mark, Will and I will be attending the training next week.

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**From:** Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]  
**Sent:** Thursday, June 19, 2008 3:25 PM  
**To:** Le-Doux, Lee  
**Cc:** (b)(6) Kirkpatrick, Russell K.;  
Kirkpatrick, Russell  
**Subject:** LASO support

Lee,

We need to work together to determine what support is needed for LASO. I have (b)(6) support for you, but we need to negotiate the timing. We recommended that LANL put together a Program Improvement Plan (PIP) to address all the necessary improvements to the program. We also recommended that you and LANL work cooperatively on its development to facilitate its review and approval by LASO. (b)(6) has experience in this type of activity and will be very useful to you in ensuring that the plan is comprehensive and adequate.

Please coordinate with LANL to determine when they will have a draft ready for a preliminary review by LASO so we can identify a schedule for (b)(6) support.

Also - please let me know if your training remains canceled for next week in light of our activities last week.

Amy

## Whitworth, Amy

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**From:** Le-Doux, Lee [lle-doux@doeal.gov]  
**Sent:** Thursday, July 10, 2008 5:37 PM  
**To:** Whitworth, Amy  
**Cc:** Kirkpatrick, Russell  
**Subject:** LANL PIP

Amy, would you like to see the final draft of the referenced subject? I have considered (b)(6) comments, David's comments (to date) and am a point of recommending approval to Russell. Please advise.

## Whitworth, Amy

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**From:** Le-Doux, Lee [lle-doux@doeal.gov]  
**Sent:** Tuesday, July 22, 2008 11:13 AM  
**To:** Whitworth, Amy  
**Cc:** Kirkpatrick, Russell  
**Subject:** PIP

Amy, as expected, OIO has requested a copy of the referenced subject. LASO has approved the document and is in process of writing a finding (that we will share with you today prior to issuing). Do you want us to provide a copy of the approved PIP to the OIO? If so, please advise and we will make it happen. If not, would you talk to the Gary and advise him and let us know as well. Thanks

**Whitworth, Amy**

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**From:** Le-Doux, Lee [lle-doux@doeal.gov]  
**Sent:** Monday, August 04, 2008 1:09 PM  
**To:** Whitworth, Amy  
**Cc:** Kirkpatrick, Russell; Chavez, William J; Delgado, Mark A  
**Subject:** MC&A assessment

Concerning your most recent visit and the assessment that resulted. At the pre-closeout meeting in the S-4 Conference room there were several items that were discussed.

been trying to get those issues and have not been successful, although we do have some meeting notes. Can you send the full assessment including the items for LASO. Thanks.

**Whitworth, Amy**

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**From:** Le-Doux, Lee [lle-doux@doeal.gov]  
**Sent:** Wednesday, September 10, 2008 1:08 PM  
**To:** Whitworth, Amy  
**Cc:** Chavez, William J; Delgado, Mark A; Kirkpatrick, Russell  
**Subject:** RE: Update

The following is provided in response to the request for information regarding the above subject.

MS requesting a commitment  
LANL to date

and more information can be  
a.

the info will be provided as

reveals that the request  
the request was originally  
request was never sent to

Chavez, William J.

Mark A

23 - that was a Monday.  
Just want to be certain I  
LANL is not able to

A's for the Congressional  
me up with the on-site

Mark A  
ell

Per LANL, a letter is being sent (internal to LANL) to the ADS  
to complete measurements. No firm dates have been provided by

The inventories have been cross walked to look at duplicates a  
made available. I've got hard copy that I can send if you wis

The June item is a III-C. The item is a gain not a loss. Mor  
it becomes available.

The December item was written off MASS the week of 8/18/08.

Review of documentation on the safeguards termination requests  
may not have been sent to HQ back in the 2002 timeframe when t  
made. I am moving forward on this on the assumption that the  
HQ. We will re-evaluate the request and submit asap.

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

From: Whitworth, Amy [mailto: Amy.Whitworth@nnsa.doe.gov]  
Sent: Wednesday, September 10, 2008 8:21 AM  
To: Le-Doux, Lee  
Cc: Valdez, Pamela J.; Kirkpatrick, Russell; Delgado, Mark A.;  
Subject: RE: Update

Lee,

I hadn't heard back from you. Is there any update?

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

From: Whitworth, Amy  
Sent: Monday, September 08, 2008 12:15 PM  
To: Whitworth, Amy; Le-Doux, Lee; Chavez, William J; Delgado, M  
Cc: Valdez, Pamela J; Kirkpatrick, Russell  
Subject: RE: Update

All,

I stand corrected - the date LASO received the letter was June  
The inventory I believe was conducted on Thursday of that week  
am being fair - I was looking at the May calendar. Regardless  
approve this "variance" as it involves Category I material.

Please let me know the update to the below. I am preparing Q&  
Hearings and we know the LANL MC&A issue will come up as it can  
visit.

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

From: Whitworth, Amy  
Sent: Monday, September 08, 2008 9:15 AM  
To: Whitworth, Amy; Le-Doux, Lee; Chavez, William J; Delgado, M  
(b)(6)c: Valdez, Pamela J; Kirkpatrick, Russ  
Subject: RE: Update

I just spoke with (b)(6) She was going out to support (b)(6) this week, but I am considering having her support our office with her participation in the inspection activities. I think her time may be better spent helping Lee, Will, and Mark.

(b)(6) reminded me of the inventory 'variances' issue. If LANL is continuing to operate outside DOE requirements with their inventory, they need a deviation - they should have time to work it before the October inventory. If any items remain under the Pause, then they will need to submit a deviation. Please advise them that this deviation must be compliant with the DOE requirements and include all relevant and required information.

I remain very concerned about (b)(6) statements made via telecon last Friday that the June 'variance' was submitted to LASO for information only (not approval) making the LASO disapproval letter irrelevant and, further, that the LASO disapproval letter was two weeks after the planned inventory. (b)(6) failed to mention that she submitted the letter to LASO on the Friday prior to the planned Tuesday inventory. Given that the letter was disapproved, LASO should ask her to respond formally as to what actions LANL will take to address the disapproval letter.

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

From: Whitworth, Amy  
Sent: Monday, September 08, 2008 7:46 AM  
To: Le-Doux, Lee; Chavez, William J; Delgado, Mark A.  
Cc: Valdéz, Pamela J; (b)(6) Kirkpatrick, Russell  
Subject: Update

Lee, Will, and Mark,

It is my understanding that you will be meeting with the inspectors this week (if not today) to go over the Issue Paper response.

There are a couple of items I would like for you to work with the contractors in advance if possible:

- Please obtain a firm date as to when LANL will have completed the measurements from Feb/April inventories. It does not send a good message when both (b)(6) and (b)(6) have stated that these measurements are a priority (many weeks ago when the issue first came up), but then have no date as to when they will be completed. I recognize the August inventory measurements will be completed by mid-September - so there should be a date for the Feb/April measurements.

- Also, I was surprised that no one had looked at the possibility of having the selected items for the Feb/April inventories crosswalked with the selected items for measurements for the June/August inventory. That should be done soonest - only 3 measurements made for the Feb/Apr inventory is not great progress. You cannot take credit for measurements done in the past, but you can certainly take credit for items measured in subsequent inventories. That crosswalk cannot take long given the relatively small sample sizes.

Outside the inspection activities:

- Please let me know what Category/Attractiveness level the item is for the June inventory, what has been done to date, and what remains to be done. I am assuming that LASO will have the most recent update on that situation and would not necessarily have to go back to the contractor.

- Please update me on the status of the safeguards termination request.

- Please update me on the item from the December inventory.

Thanks - I hope you all have a good week.

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration

(202) 586-2505/5324 (phone/fax)  
Room GP-196

**Whitworth, Amy**

**From:** Le-Doux, Lee [lle-doux@doeal.gov]  
**Sent:** Thursday, September 11, 2008 10:42 AM  
**To:** Whitworth, Amy  
**Cc:** Kirkpatrick, Russell; Delgado, Mark A; Chavez, William J  
**Subject:** RE: Update

Minimal feedback from HSS on the Issue Paper. I believe DL only stated that the Issue Paper response was being reviewed.

Concerning the crosswalk, 13 items in February and 20 in April appear as needing to be completed

I've requested a copy of the investigation. As stated previously the item was taken off MASS on 8/18. I will provide more information when I get a copy of the investigation.

Concerning the 2002 safeguards termination request. I understand from (b)(6) that LANL operated under the assumption that the request was approved. Approx. 2-3 weeks

LANL ceased operations related to this request under an approval from (b)(6) on (b)(6) was issued yesterday reflecting the cancellation of the deviation. Our memo to LANL should go out today on the same subject.

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

**From:** Whitworth, Amy [mailto: Amy.Whitworth@nnsa.doe.gov]  
**Sent:** Thursday, September 11, 2008 7:42 AM  
**To:** Whitworth, Amy (HQ); Le-Doux, Lee  
**Cc:** Chavez, William J.; Delgado, Mark A.; Kirkpatrick, Russell; Valdez, Pamela J.  
**Subject:** RE: Update

I haven't heard any feedback on the HSS reception of the Issue Paper response. Could someone let me know please? I have (b)(6)ed to catch up with you all on that as well.

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

**From:** Whitworth, Amy  
**Sent:** Wednesday, September 10, 2008 2:13 PM  
**To:** Le-Doux, Lee  
**Cc:** Chavez, William J; Delgado, Mark A; Kirkpatrick, Russell; Valdez, Pamela J  
**Subject:** RE: Update

Thanks Lee,

With the crosswalk, how many items of the Feb/Apr inventory remain to be measured?

The December item - what was the conclusion of the investigation?

WRT the safeguards termination request, is LANL continuing to operate under the 2002 request? It is my understanding that the approval of the 2002 request was done locally which is not compliant with DOE directives - further, that not all the analysis nor documentation was completed to support the request as required by DOE directives. If this is the case, then I would recommend you cease that activity if it is still being done.

is a relief.

I am glad to hear that the issue was a gain. Thank you.

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

**From:** Le-Doux, Lee [mailto: lle-doux@doeal.gov]  
**Sent:** Wednesday, September 10, 2008 11:08 AM  
**To:** Whitworth, Amy  
**Cc:** Chavez, William J; Delgado, Mark A; Kirkpatrick, Russell  
**Subject:** RE: Update

ok, Russell

need in response.

The following is provided for the following is prev

Per LANL, a letter is being sent (internal to LANL) to the ~~ADSMS~~ requesting a commitment to complete measurements. No firm dates have been provided by LANL to date

The inventories have been cross walked to look at duplicates and more information can be made available. I've got hard copy that I can send if you wish.

The June item is a III-C. The item is a gain not a loss. More info will be provided as it becomes available.

The December item was written off MASS the week of 8/18/08.

Review of documentation on the safeguards termination requests reveals that the request may not have been sent to HQ back in the 2002 timeframe when the request was originally made. I am moving forward on this on the assumption that the request was never sent to HQ. We will re-evaluate the request and submit asap.

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

From: Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]  
Sent: Wednesday, September 10, 2008 8:21 AM  
To: Le-Doux, Lee  
Cc: Valdez, Pamela J.; Kirkpatrick, Russell; Delgado, Mark A.; Chavez, William J.  
Subject: RE: Update

Lee,

I hadn't heard back from you. Is there any update?

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

From: Whitworth, Amy  
Sent: Monday, September 08, 2008 12:15 PM  
To: Whitworth, Amy; Le-Doux, Lee; Chavez, William J; Delgado, Mark A  
Cc: Valdez, Pamela J; Kirkpatrick, Russell  
Subject: RE: Update

All,

I stand corrected - the date LASO received the letter was June 23 - that was a Monday. The inventory I believe was conducted on Thursday of that week. Just want to be certain I am being fair - I was looking at the May calendar. Regardless, LANL is not able to approve this "variance" as it involves Category I material.

Please let me know the update to the below. I am preparing Q&A's for the Congressional Hearings and we know the LANL MC&A issue will come up as it came up with the on-site visit.

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

From: Whitworth, Amy  
Sent: Monday, September 08, 2008 9:15 AM  
To: Whitworth, Amy; Le-Doux, Lee; Chavez, William J; Delgado, Mark A  
Cc: Valdez, Pamela J; (b)(6) Kirkpatrick, Russell  
Subject: RE: Update

I just spoke with (b)(6) She was going out to support (b)(6) this week, but I am considering having her support our office with her participation in the inspection activities. I think her time may be better spent helping Lee, Will, and Mark.

(b)(6) reminded me of the inventory 'variances' issue. If LANL is continuing to operate outside DOE requirements with their inventory, they need a deviation - they should have time to work it before the October inventory. If any items remain under the Pause, then they will need to submit a deviation. Please advise them that this deviation must be compliant with the DOE requirements and include all relevant and required information.

I remain very concerned about (b)(6) statements made via telecon last Friday that the June 'variance' was submitted to LASO for information only (not approval) making the LASO disapproval letter irrelevant and, further, that the LASO disapproval letter was two weeks

after the planned inventory. (b)(6) failed to mention that she submitted the letter to LASO on the Friday prior to the planned Tuesday inventory. Given that the letter was disapproved, LASO should ask her to respond formally as to what actions LANL will take to address the disapproval letter.

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

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To: Le-Doux, Lee; Chavez, William J; Delgado, Mark A  
Cc: Valdez, Pamela J; (b)(6) Kirkpatrick, Russell  
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Lee, Will, and Mark,

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There are a couple of items I would like for you to work with the contractors in advance if possible:

- Please obtain a firm date as to when LANL will have completed the measurements from Feb/April inventories. It does not send a good message when both (b)(6) have stated that these measurements are a priority (many weeks ago when the issue first came up), but then have no date as to when they will be completed. I recognize the August inventory measurements will be completed by mid-September - so there should be a date for the Feb/April measurements.

- Also, I was surprised that no one had looked at the possibility of having the selected items for the Feb/April inventories crosswalked with the selected items for measurements for the June/August inventory. That should be done soonest - only 3 measurements made for the Feb/Apr inventory is not great progress. You cannot take credit for measurements done in the past, but you can certainly take credit for items measured in subsequent inventories. That crosswalk cannot take long given the relatively small sample sizes.

Outside the inspection activities:

the item is for the June to be done. I am assuming that and would not necessarily have to

- Please let me know what Category/Attractiveness level inventory, what has been done to date, and what remains LASO will have the most recent update on that situation go back to the contractor.

mination request.

- Please update me on the status of the safeguards term

ory.

- Please update me on the item from the December invento

Thanks - I hope you all have a good week.

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

## Whitworth, Amy

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**From:** Le-Doux, Lee [lle-doux@doeal.gov]  
**Sent:** Wednesday, October 15, 2008 12:05 PM  
**To:** Whitworth, Amy  
**Cc:** (b)(6) Delgado, Mark A; (b)(6) Kirkpatrick, Russell  
**Subject:** RE: telecon

Lets plan the telecon for November 5th at 09:00 MST. I will provide a call in number when I get it.

---

**From:** Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]  
**Sent:** Wednesday, October 15, 2008 9:04 AM  
**To:** Le-Doux, Lee; (b)(6)  
**Cc:** Kirkpatrick, Russell; Delgado, Mark A.  
**Subject:** Re: telecon

I think we should aim for the week after.

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

**From:** Le-Doux, Lee <lle-doux@doeal.gov>  
**To:** (b)(6)  
**Cc:** Whitworth, Amy; Kirkpatrick, Russell; Delgado, Mark A  
**Sent:** Wed Oct 15 10:51:18 2008  
**Subject:** RE: telecon

I do not work fridays. (b)(6) is out all of next week. Despite her absence we can have this telecon next week with one of her Deputies representing her. How about Monday October 20 at 09:00 MDT?

---

**From:** (b)(6)  
**Sent:** Monday, October 13, 2008 11:45 AM  
**To:** Whitworth, Amy (HQ); Le-Doux, Lee  
**Cc:** Kirkpatrick, Russell  
**Subject:** RE: telecon

Lee,

Would you mind checking to see if this is a Friday you will be working. And you can also check with (b)(6) to make sure she could be available on that day. It is important for HQ to be able to obtain updates so they can stay on top of the contractor situation also.

Regards,

(b)(6)

(b)(6)

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If you are not the intended recipient (or authorized to receive information for the intended recipient), please contact the sender by reply email and delete all copies of this message.

From: Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]  
Sent: Friday, October 10, 2008 8:08 AM  
To: Le-Doux, Lee  
Cc: Kirkpatrick, Russell; (b)(6)  
Subject: Re: telecon

Lee - I have an all day VTC on the 23rd with DoD and all the DOE facilities.

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

From: Le-Doux, Lee <lle-doux@doeal.gov>  
To: Whitworth, Amy  
Cc: Kirkpatrick, Russell  
Sent: Thu Oct 09 16:48:06 2008  
Subject: telecon

(b)(6) advised that you would like to have a telecon on October 24th 2008. I would suggest having the telecon on October 23, 2008. Lots of LANL and LASO personnel are gone on fridays. I am trying to get confirmation concerning (b)(6) availability.

## Whitworth, Amy

---

**From:** Valdez, Pamela J. [pjvaldez@doeal.gov]  
**Sent:** Thursday, September 04, 2008 4:00 PM  
**To:** Whitworth, Amy; Jarboe, Lenda; Swift, Mary  
**Cc:** Fremont, Douglas; Kirkpatrick, Russell; Leifheit, Kevin  
**Subject:** RE: LASO/LANL MC&A issue paper revision

Amy -

Please give me a call.

PAM

---

From: Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]  
Sent: Thursday, September 04, 2008 10:35 AM  
To: Jarboe, Lenda; Swift, Mary (HQ)  
Cc: Fremont, Douglas (HQ); Valdez, Pamela J.; Kirkpatrick, Russell; Leifheit, Kevin (HQ)  
Subject: LASO/LANL MC&A issue paper revision

Lenda and Mary,

Pam Valdez called me and let me know that the revised issue paper is being sent soon to our COMM Center. Would one of you please pick this up and e-mail me that we have it? I have a meeting at OEOB with the NSC Sub-PCC and I don't know how long it will last.

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

## Whitworth, Amy

---

**From:** Valdez, Pamela J. [pjvaldez@doeal.gov]  
**Sent:** Friday, September 19, 2008 2:45 PM  
**To:** Peterson, Bradley; Leifheit, Kevin; Whitworth, Amy  
**Cc:** Glenn, Daniel E; Snyder, Roger E  
**Subject:** FW: POGO Article on the HSS Audit

Russell wanted me to forward the attached link for your information.

<http://pogoblog.typepad.com/pogo/2008/09/is-doe-playing.html>

## Whitworth, Amy

---

**From:** Valdez, Pamela J. [pjvaldez@doeal.gov]  
**Sent:** Thursday, May 28, 2009 9:13 AM  
**To:** Whitworth, Amy  
**Subject:** Agenda NA-70 MCA Review week of June 1.doc

**Attachments:** Agenda NA-70 MCA Review week of June 1.doc



Agenda NA-70 MCA  
Review week o...

Amy -

The attached agenda is for your review, please let me know if we need to add or delete anything. LANL was able to reserve the Training Room at TA-3, Bldg. 2322 (NISC) for a work area for the group. I believe the same room you used the last time you were here.

# Agenda

## LANL MC&A Special Review June 1-4, 2009

Review Team: Amy Whitworth  
David Young

(b)(6)

### Monday, June 1

8:00 a.m.	LANL Badge Office TA-3, Building 261, Otowi Building	Review Team
9:00	LANL In-brief to Review Team ADSS Conference Room A TA-3, Building 1409	(b)(6)  SAFE-4 Senior Leaders
11:30	Document review, data gathering, interviews	Review Team SAFE-4 Group
4:00 p.m.	Informal Out-brief to LASO/LANL management ADSS Conference Room A	Review Team Harold Brockelsby  (b)(6)

### Tuesday, June 2

<del>8:00 a.m.</del>	<del>Document review, data gathering, interviews</del>	<del>Review Team SAFE-4 Group</del>
4:00 p.m.	Informal Out-brief to LASO/LANL management ADSS Conference Room A	Harold Brockelsby  (b)(6)

### Wednesday, June 3

8:00 a.m.	Document review, data gathering, interviews	Review Team SAFE-4 Group
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0-20, 10-20

M&A Review Status - Update  
to Brad Peterson and Kevin Leifheit  
TA-3, Building 1409, Conference Room A

Amy Winchell

4:00 p.m. Informal Out-brief to LASO/LANL management  
ADSS Conference Room A Harold Brockelsby  
(b)(6)

**Thursday, June 4**

8:00 a.m. Document review, data gathering, interviews  
Review Team  
SAFE-4 Group

2:00 p.m. Informal Out-brief to LASO/LANL management  
ADSS Conference Room A Harold Brockelsby  
(b)(6)

3:00 p.m. LASO Out-brief  
TA-3, Building 1410, LASO Building  
Quemazon Conference Room 1106 Don Winchell  
Harold Brockelsby

## Whitworth, Amy

---

**From:** Valdez, Pamela J. [pjvaldez@doeal.gov]  
**Sent:** Thursday, May 28, 2009 1:04 PM  
**To:** Whitworth, Amy  
**Subject:** RE: Agenda NA-70 MCA Review week of June 1.doc

If he is coming, I will need full name, DOB and SS#.

Thanks.

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

**From:** Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]  
**Sent:** Thursday, May 28, 2009 10:59 AM  
**To:** Valdez, Pamela J.  
**Subject:** RE: Agenda NA-70 MCA Review week of June 1.doc

Actually I do believe so now - am waiting on him - he told me a matter of hours...a few hours ago.....

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
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(202) 586-2505/5324 (phone/fax)  
Room GP-196

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

**From:** Valdez, Pamela J. [mailto:pjvaldez@doeal.gov]  
**Sent:** Thursday, May 28, 2009 12:33 PM  
**To:** Whitworth, Amy  
**Subject:** RE: Agenda NA-70 MCA Review week of June 1.doc

Amy -

Will (b)(6) be coming to LANL?

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

**From:** Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]  
**Sent:** Thursday, May 28, 2009 8:08 AM  
**To:** Whitworth, Amy B (HQ); Valdez, Pamela J.; Kirkpatrick, Russell  
**Subject:** RE: Agenda NA-70 MCA Review week of June 1.doc

Okay - looked at the agenda from (b)(6) - I know when/where for the ceremony and will be there. I will touch base with you today about the talking points.

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

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

From: Whitworth, Amy  
Sent: Thursday, May 28, 2009 10:06 AM  
To: Valdez, Pamela J; Kirkpatrick, Russell  
Subject: RE: Agenda NA-70 MCA Review week of June 1.doc

Perfect Pam - when/where is the Security Professional of the Year Award ceremony? I would like to go to that as well. I don't believe I got the talking points from Russell yet on David - did I miss them?

Amy B. Whitworth  
NNSA MC&A Program Manager  
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-----Original Message-----

From: Valdez, Pamela J. [mailto:pjvaldez@doeal.gov]  
Sent: Thursday, May 28, 2009 9:13 AM  
To: Whitworth, Amy  
Subject: Agenda NA-70 MCA Review week of June 1.doc

Amy -

The attached agenda is for your review, please let me know if we need to add or delete anything. LANL was able to reserve the Training Room at TA-3, Bldg. 2322 (NISC) for a work area for the group. I believe the same room you used the last time you were here.

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Tuesday, January 08, 2008 3:55 PM  
**To:** Whitworth, Amy  
**Cc:** (b)(6)  
**Subject:** Re: February Implementation Panel meeting

Hi Amy (b)(6)

I would most certainly be interested! (b)(6)  
(b)(6) ....Let's talk this week.

I'd like to request early to mid-march (b)(6)  
(b)(6) later in March and early April get into Spring Break, etc. I would be very excited to organize this - any thoughts (b)(6) ?

I'd still like to follow up on my role here at LANL, I left shortly after calling you in early December - I'm back at it now. Losing several people to Y-12, I might have to realign my goals; but will definitely be communicating with you frequently.

Kindest Regards,  
(b)(6)

At 07:46 AM 1/3/2008, Whitworth, Amy wrote:

>How would LANL like to host the next NNSA MC&A IP meeting? I am  
>thinking some time in February or March.

>

>Amy B. Whitworth  
>NNSA MC&A Program Manager  
>Senior Technical Advisor  
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>Room GP-196

(b)(6)

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Monday, January 14, 2008 1:34 PM  
**To:** Whitworth, Amy  
**Subject:** RE: February Implementation Panel meeting

Hi Amy,

I am eagerly anticipating the IP meeting at Los Alamos; I announced to (b)(6) that I am working this. I will give you a call tomorrow; I am having the second part of my surgery in two weeks and will be out for about 4 weeks. I will make all arrangements before leaving and hand it off to someone here in my absence. Tentatively, does the week of March 10th or 17th work? Let me know your thoughts.

I will lead a briefing with LASO; I briefed the site office in September last year.

I would also like to take you up on the offer of (b)(6) coming out to help; I'll pass it by the S-4 Group Lead and get in touch with (b)(6)

Kindest Regards,  
(b)(6)

At 06:45 AM 1/9/2008, Whitworth, Amy wrote:

>I have no issue with (b)(6) providing support, but there is an issue  
>with the Site Office we need to resolve first on SFPI. (b)(6) - could  
>you take the lead in setting up a videotelecon with the site, site  
>office and HQ so we can brief on SFPI?

>  
>  
>Amy B. Whitworth  
>NNSA MC&A Program Manager  
>Senior Technical Advisor  
>Office of the Associate Administrator  
> for Defense Nuclear Security  
>National Nuclear Security Administration  
>(202) 586-2505/5324 (phone/fax)  
>Room GP-196

>  
>  
>-----Original Message-----

>From: (b)(6)  
>Sent: Tuesday, January 08, 2008 6:24 PM  
>To: (b)(6) ; Whitworth, Amy  
>Subject: RE: February Implementation Panel meeting

>  
> (b)(6)

>  
> It is great to hear from you. (b)(6)  
> (b)(6)

> (b)(6) Actually I sent an email to Amy suggesting March  
>also because of the terrible snows LANL seems to get. I know there is  
>a possibility of the same in March but it is less of a possibility than February.  
> (b)(6) I would be happy to help you organize this meeting.

>  
> I also have recently heard of the Y-12 new hires from LANL  
>MCA.

>I know that cannot be a positive for the LANL program, in fact, it  
>probably can be quite devastating and as you state may cause you to  
>realign your immediate future. I would still love to help the LANL MCA  
>group as we discussed a few months ago if I could and -- if Amy would  
>give the permission. I know you probably are not ready for SFPI to say  
>the least, but I could assist in many other ways. Wanted to make sure  
>you know that my assistance is possibly still available (again approval



>definitely be communicating with you frequently.

>

>Kindest Regards,

> (b)(6)

>

>

>

>At 07:46 AM 1/3/2008, Whitworth, Amy wrote:

>

>

>

>

>How would LANL like to host the next NNSA MC&A IP meeting? I am

>thinking some time in February or March.

>

>Amy B. Whitworth

>NNSA MC&A Program Manager

>Senior Technical Advisor

>Office of the Associate Administrator

> for Defense Nuclear Security

>National Nuclear Security Administration

>(202) 586-2505/5324 (phone/fax)

>Room GP-196

>

(b)(6)

**Whitworth, Amy**

**From:** (b)(6)  
**Sent:** Wednesday, November 26, 2008 11:41 AM  
**To:** (b)(6) Whitworth, Amy  
**Cc:** (b)(6) Kirkpatrick, Russell  
**Subject:** RE: ARE YOU COMING? AND DINNER DECEMBER 2-----NNSA MC&A Implementation Panel Meeting

Hi Amy and (b)(6)

Unfortunately, LANL will not be attending due to workload. (b)(6) had graciously offered to attend early on, but we decided last week that so many deadlines wouldn't allow our Group to attend. (b)(6) will be on the list for the next one; please, by all means let me know if Los Alamos can host again!

1 (b)(6) - looking forward to seeing him the following week.

Best Regards,

(b)(6)

**From:** (b)(6)  
**Sent:** Tuesday, November 25, 2008 9:20 AM  
**To:** 'Whitworth, Amy'; (b)(6); edward.sadowski@srs.gov; jerry.oleary@srs.gov; JOHNSOGL@NV.DOE.GOV; 'JR Ludwick'; 'Mike Sheaffer'; 'Tony Aragon'; bswindel@pantex.doe.gov; 'David Young'; 'Haynie, Frederick Jr'; 'Kubasek, Randy Randy'; 'Le-Doux, Lee'; 'marsh, bud'; 'Richard Green'; 'Williams, Thomas (SR)'; 'Long, DeAnn'; 'McNeilly, Debra'; (b)(6)  
**Subject:** ARE YOU COMING? AND DINNER DECEMBER 2-----NNSA MC&A Implementation Panel Meeting  
**Importance:** High

To All,

Currently we know that the following people will be in attendance for the NNSA MC&A Implementation Panel:

- NNSA--Amy Whitworth
- NNSA--Debbie McNeily
- (b)(6)
- NNSA--Geneva Johnson

. NTS--DeAnn Long

. SNL-- (b)(6)

. PANTEX-- (b)(6)

. Y12-- (b)(6)

. Y12-- (b)(6)

. Y12-- (b)(6)

. Y12-- (b)(6)

NEED RESPONSE: For those of you that have not responded - LANL, LLNL, SRS please let us know who will be coming from your facility.

NEED RESPONSE: Also, David Young would like to schedule a dinner for December 2 @ 6:30. He is considering the: Irish Times Pub & Restaurant in Turkey Creek. We need to reserve some space at this restaurant as soon as possible so please respond.

Everyone please respond by COB Wednesday, November 26 if:

. you are coming to the implementation panel meeting (other than those above we know are coming)

. you will be attending the dinner.

Regards,

(b)(6)

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From: Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]  
Sent: Wednesday, November 05, 2008 11:01 AM  
To: (b)(6) edward.sadowski@srs.gov; jerry.oleary@SRS.gov; JOHNSOGL@NV.DOE.GOV;  
(b)(6) bswindel@pantex.doe.gov; (b)(6)  
David Young; Haynie, Frederick Jr; Kubasek, Randy Randy; Le-Doux, Lee; marsh, bud; (b)(6)  
(b)(6) Williams, Thomas (SR); Long, DeAnn; McNeilly, Debra  
Subject: NNSA MC&A Implementation Panel Meeting

All,

The next NNSA MC&A Implementation Panel Meeting will take place at the Y-12 Site Office on December 2-3, 2008. Directions to follow. David Young and Richard Green graciously offered to host the meeting and have arranged for a tour of the HEUMF, which if you have not seen yet you will most certainly want to as it is an extremely robust facility with security designed in. Please let me know who will attend from your office.

As always, I welcome your additions/comments to the agenda, but here are some of the topics that have been proposed to date:

- \* Performance Assurance
- \* EFCOG MC&A White Paper
- \* Communications Vehicle
- \* Inspection Lessons Learned
- \* MC&A website
- \* MC&A Technical Standard
- \* INMM

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Friday, January 25, 2008 1:38 PM  
**To:** Whitworth, Amy  
**Cc:** (b)(6)  
**Subject:** Quarterly IP Meeting

Hi Amy,

I talked briefly with (b)(6) this morning to go over some logistics, in addition to what you provide her for the agenda, we will plan the following simultaneous tours:

- \* TA-55 tour (limited number)
- \* CMR tour (for those who don't get their credentials in for TA-55)
- \* Driving tour of site (1-2, 15 passenger vans) We will have a large space for general meetings and we have a classified area if needed.

(b)(6) so I'll be in touch with (b)(6) in a couple of weeks. Thanks again for your support.

Regards,  
(b)(6)

(b)(6)

**Whitworth, Amy**

**From:** (b)(6)  
**Sent:** Tuesday, March 11, 2008 1:44 PM  
**To:** Whitworth, Amy; (b)(6)  
**Subject:** Re: NNSA MC&A IP

Sorry, just getting to some of my email. As we talked, yes! Absolutely, I talked to (b)(6) again this morning about all S-4 attending the SFPI portions. He said he needed to talk to whomever is available.....

See you tomorrow AM!

(b)(6) - thank you again for all your efforts!

(b)(6)

At 10:25 AM 2/29/2008, Whitworth, Amy wrote:

(b)(6)

>  
>I would like to invite the LANL MC&A program (in its entirety to the  
>extent that they would be interested) to sit in on the SFPI briefings  
>that will probably probably occur there. I have not had a chance to

>let me know what you think.  
>  
>Amy B. Whitworth  
>NNSA MC&A Program Manager  
>Senior Technical Advisor  
>Office of the Associate Administrator  
>for Defense Nuclear Security  
>National Nuclear Security Administration  
>(202) 586-2505/5324 (phone/fax)  
>Room GP-196

(b)(6)

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Friday, March 14, 2008 3:49 PM  
**To:** Whitworth, Amy  
**Subject:** Re: My Schedule

Hey - thanks for the info. UGH! Hadn't been told anything....Tune in.....

See you in April; (b)(6) had talked to me about getting involved in EFCOG (might have been something else, but I think this was it).

Talk to you soon,  
(b)(6)

At 12:24 PM 3/14/2008, Whitworth, Amy wrote:

> (b)(6) - between us - look at the budget - (b)(6) told me your position  
> is over target. I havent seen it yet so havent verified.

>  
>  
>----- Original Message -----

>From: (b)(6)  
>To: (b)(6)  
>< (b)(6) -  
>Cc: (b)(6)  
>< (b)(6)  
>Sent: Fri Mar 14 14:18:31 2008  
>Subject: My Schedule

>  
>Good Morning,

>Beginning next week, my schedule will be:

>  
>M - 6:30 -12:30

>  
>T - 6:30 - 5:00

>  
>F - 6:30 - 5:00

>  
>Thank you all for the opportunity to continue to contribute to the  
>program. I very much appreciate your support and look forward to a  
>year of successes and opportunities for the Institution's MC&A Program!  
>I am excited to implement some innovations, efficiencies, standards,  
>strategies and technologies (in addition to inspection preparations)!

>  
>Best Regards,

> (b)(6)

>  
>  
>  
>  
>

(b)(6)

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Tuesday, March 18, 2008 9:48 AM  
**To:** Whitworth, Amy  
**Cc:** (b)(6)  
**Subject:** RE: (b)(6) Support

Good Morning,

Thanks; no problem. I'm working on S-4 buy-in to "help" from outside sources. I absolutely will be involved in EFCOG (even learned what it stands for)!

Hey, what does the prefix "NA-" stand for? (I got NNSA, DNS, FS,....but not NA.)

(b)(6)

At 12:37 PM 3/17/2008, Whitworth, Amy wrote:

>Because the resources from NBL are federal there are some additional  
>hoops - but none too onerous.

>

>I still very much want you to participate in EFCOG - I hope you will!

>

>

>Amy B. Whitworth

>NNSA MC&A Program Manager

>Senior Technical Advisor

>Office of the Associate Administrator

> for Defense Nuclear Security

>National Nuclear Security Administration

>(202) 586-2505/5324 (phone/fax)

>Room GP-196

>

>

>-----Original Message-----

>From: (b)(6)

>Sent: Monday, March 17, 2008 2:00 PM

>To: Whitworth, Amy

>Cc: (b)(6)

>Subject: RE: (b)(6) & NBL Support

>

>

>Thanks, I'll call (b)(6) The topics are: SFPI, S-4 Self Assessment  
>process, OA prep and Findings closure packages.

>

>The NBL folks can wait until (b)(6) comes out and we scope out the work

>better based on her expertise and the potential NBL folks'

>expertise. I don't see why (b)(6) wouldn't allow additional support

>to us (not for assessments); she agreed that LASO doesn't determine

>what support we get.

>

>Talk to you soon! Also, (b)(6) said she absolutely wants to chair the

>EFCOG MC&A subgroup; I'm happy to help wherever I can.

>

>Regards,

> (b)(6)

>

>

>At 10:17 AM 3/17/2008, Whitworth, Amy wrote:

>>For (b)(6) support below is more than adequate - although you will

>>need to tell her what dates approximately.

>>

> >For NBL, I need a bit more - and I need it to go through. (b)(6) I  
> >will send you an e-mail that David sent to me to start the NBL support.  
> >  
> >  
> >Amy B. Whitworth  
> >NNSA MC&A Program Manager  
> >Senior Technical Advisor  
> >Office of the Associate Administrator  
> > for Defense Nuclear Security  
> >National Nuclear Security Administration  
> >(202) 586-2505/5324 (phone/fax)

Room 6F-196

> >-----Original Message-----

> >From: (b)(6)  
> >Sent: Monday, March 17, 2008 12:14 PM  
> >To: Whitworth, Amy  
> >Subject: (b)(6) Support

> >Hi Amy,

> >Please let me know what paperwork I need to complete to get the  
> >support

> >(b)(6) & NBL MC&A SMEs out to LANL on your contract. The  
> >efforts

> >would specifically be: SFPI, Self Assessments, OA preparations and  
> >finding closures (many of the topics are intertwined).

> >Best Regards,

(b)(6) > >

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## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Tuesday, March 18, 2008 1:44 PM  
**To:** Whitworth, Amy; (b)(6)  
**Subject:** RE: HQ Support

Thanks,

Absolutely, no doubt LASO needs the help. I know you are coming and will be valuable; I'll get the agenda together and proceed with planning.

Hear from you soon!

(b)(6)

At 10:51 AM 3/18/2008, Whitworth, Amy wrote:  
>There may be a way to do both, but we need to discuss this first.

>  
>

>Amy B. Whitworth  
>NNSA MC&A Program Manager  
>Senior Technical Advisor  
>Office of the Associate Administrator  
> for Defense Nuclear Security  
>National Nuclear Security Administration  
>(202) 586-2505/5324 (phone/fax)  
>Room GP-196

>  
>

>-----Original Message-----

>From: (b)(6)  
>Sent: Tuesday, March 18, 2008 12:51 PM  
>To: (b)(6)  
>Cc: Whitworth, Amy  
>Subject: RE: HQ Support

>  
> (b)(6)

>  
>

> I have not called you back but Amy says I have to  
>prioritize for the LASO office first. HQ has called me and asked what  
>weeks I am available through June. I am now waiting for Amy to let me  
>know when the LASO weeks will be. After that we can talk time period  
>for LANL. I am sorry. You were definitely first to call and I  
>appreciate you following up from last week so quickly. As soon as I  
>hear back from Amy I will get back with you. Again, I apologize for  
>this inconvenience.

>  
>

>Regards,

>  
>

> (b)(6)

>  
>

>From: (b)(6)  
>Sent: Tuesday, March 18, 2008 12:19 PM  
>To: (b)(6)  
>Cc: Whitworth, Amy  
>Subject: Fwd: HQ Support



>  
>

(b)(6)

(b)(6)

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Friday, March 21, 2008 6:34 PM  
**To:** Whitworth, Amy  
**Subject:** Re: Updates - EFCOG, etc.

Thanks,

LASO absolutely needs the help; I very much still want the help, no problem here. I am anxious for a commitment to be made so that we can proceed here.

I am the Safeguards Division Office Program Manager and have a stand alone work package, if that helps.

I'll call you next week; (b)(6)

(b)(6)

At 02:10 PM 3/21/2008, Whitworth, Amy wrote:

>Hey -- I didnt see your position at all - which struck me odd because  
> (b)(6) told me about it. It just now hit me that you are probably in  
>program management. I will submit the comment that your position  
>should be put in target. I have the budget books and can confirm  
>later.

>  
>I need (b)(6) to support LASO, but I need to determine if she can do  
>both at the same time. Hopefully you don't feel it too much of a  
>conflict of interest.

>  
>  
>----- Original Message -----

>From: (b)(6)  
>To: Whitworth, Amy  
>Sent: Fri Mar 21 15:19:20 2008  
>Subject: Updates - EFCOG, etc.

>  
>Dear Amy,

>  
>Can you give me an EFCOG POC? I have not seen an announcement  
>regarding the upcoming meeting in April.

>  
>Also, any update on (b)(6) schedule? I haven't changed anything on  
>this end; (b)(6) is forced to plan that way.

>  
>Finally, any word on whether or not I have a job? Hadn't heard on this end.

>  
>Have fun coloring and hunting for Easter eggs!

>  
>Best Regards,

> (b)(6)

>  
>  
>  
>  
> (b)(6)

>  
> (b)(6)

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Tuesday, March 25, 2008 11:51 AM  
**To:** (b)(6)  
**Cc:**  
**Subject:** Thanks for Your Support

Dear Ms. Steward,

After our discussion, I did confer with (b)(6) in order to continue pursuing this support. The general topical areas are as follows, with specifics to be outlined with (b)(6) group today:

>1) OA prep, 2) Self Assessments, 3) Finding closure packages and more  
>long-term, 4) SFPI implementation

The OA preparations I am also helping S-4 with and the Findings are either 1) needing to be closed, 2) ensuring the quality of closed packages and 3) ensuring the overall intent of the findings already closed have been met. The SFPI implementation is an overview for S-4 and initiation of the process.

LASO absolutely has the priority; thank you for sending Amy Whitworth your approval allowing me to proceed with this request. I will go through you for any requisite NBL support subsequent to our first planning meeting.

Best Regards,  
(b)(6)

(b)(6)

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Wednesday, April 09, 2008 11:31 AM  
**To:** Whitworth, Amy  
**Subject:** Re: Draft Minutes of the March 12-13, 2008, NNSA MC&A Implementation Panel Meeting

Thanks Amy,

I did get the EFCOG info. and will make arrangements this week to attend - I didn't see MC&A subgroup on the agenda, I'll look more closely.

Best Regards,  
(b)(6)

At 01:29 PM 4/7/2008, you wrote:

>All,  
>  
>I want to thank all of you for actively participating in the March  
>12-13, 2008, NNSA MC&A Implementation Panel Meeting. This meeting was  
>a particularly strong success from the perspective of engaging more  
>site personnel in the Panel activities and identifying worthwhile  
>activities to move forward on to improve the overall NNSA MC&A Program.  
>One of the most significant outcomes of the meeting was LANL moving  
>forward with SFPI implementation.  
>  
>I want to thank Roxanne Steward, (b)(6)  
> (b)(6) for being such gracious hosts. They set the tone and  
>expectations for the meeting up front and I believe we met and/or  
>exceeded their expectations.  
>  
>Please find attached draft minutes and would appreciate your review and  
>comment to me by April 19, 2008.  
>  
>I will send all the presentations via a separate Entrusted e-mails tomorrow.  
>  
><<NNSA MC&A IP MTG draft minutes March 2008.doc>>  
>  
>  
>Amy B. Whitworth  
>Acting Office Director  
>Office of Field Integration  
>NNSA MC&A Program Manager  
>Senior Technical Advisor  
>Office of the Associate Administrator  
> for Defense Nuclear Security  
>National Nuclear Security Administration  
>(202) 586-2505/5324 (phone/fax)  
>Room GP-196  
>

(b)(6)

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Friday, April 11, 2008 12:12 PM  
**To:** Whitworth, Amy  
**Subject:** (b)(6) - thanks!

Hi Amy,

Congratulations on your new scope of work; I'd guess you really need another MC&A person on board!

I wanted to let you know (b)(6) is such a God-send for LANL - thank you for your support. I know S-4 needs her and the other resources she can secure; I have asked Cathy to stay through the inspection this summer/fall. Next week we will put together a tentative schedule for her through September.

Incidentally, I took her over to meet (b)(6) !

(b)(6)

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Tuesday, June 03, 2008 4:00 PM  
**To:** Whitworth, Amy  
**Subject:** Briefings, etc.

Hi Amy,

For next week we are planning to brief you on a couple of areas:

- \* Organizational Changes
- \* FINDINGS Status
- \* Self Assessment
- \* IRA/PT Program
- \* Deviations
- \* MC&A Plan
- \* Physical Inventory
- \* Any issues w/ OIO Data Call (none so far)
- \* Other Initiatives

If you'd like to talk ahead of time, just give me a call. Being that you are here 3 days, the presentations will only take a couple of hours, so let me know if there are other areas to present and we'll cover anything else when you arrive.

Regards,  
(b)(6)

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Wednesday, June 04, 2008 2:13 PM  
**To:** Whitworth, Amy  
**Subject:** Re: Briefings, etc.

Hi Amy,

Just confirming you are coming along with your team?

Thanks,  
(b)(6)

At 02:00 PM 6/3/2008, (b)(6)

>Hi Amy,

>

>For next week we are planning to brief you on a couple of areas:

>

- > \* Organizational Changes
- > \* FINDINGS Status
- > \* Self Assessment
- > \* IRA/PT Program
- > \* Deviations
- > \* MC&A Plan
- > \* Physical Inventory
- > \* Any issues w/ OIO Data Call (none so far)
- > \* Other Initiatives

>

>If you'd like to talk ahead of time, just give me a call. Being that  
>you are here 3 days, the presentations will only take a couple of  
>hours, so let me know if there are other areas to present and we'll  
>cover anything else when you arrive.

>

>Regards,  
> (b)(6)

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Thursday, June 12, 2008 9:39 AM  
**To:** Whitworth, Amy  
**Subject:** Re: Meet On Issues Today?

Great - my office? I'll make some follow up calls to SAFE-4 instead of going over and wait for you.

Thanks for all your support!

(b)(6)

At 07:37 AM 6/12/2008, you wrote:

>Let's plan on you and I when I get there - on my way now.

>  
>

>----- Original Message -----

>From: (b)(6)  
>To: Whitworth, Amy  
>Cc: (b)(6)  
>Sent: Thu Jun 12 09:32:43 2008  
>Subject: Meet On Issues Today?

>  
>Hi Amy,

>  
>I am hopeful you and I (and any of your Team members you want) can go  
>over some issues today, privately. I want to cover the notes from last  
>night, status and final OIO prep.

>  
>Thanks,  
> (b)(6)  
>  
>

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Friday, June 13, 2008 11:09 AM  
**To:** Whitworth, Amy  
**Subject:** Review

Thanks. Really.

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Monday, June 23, 2008 8:56 AM  
**To:** Whitworth, Amy  
**Subject:** Re: FW: LASO support

Hi Amy,

Thanks for the update; I will have a draft PIP this week for Lee to review and can send it to Connie at your request (b)(6) are at training).

We do have some changes: Wayne has been reassigned and I am Program Manager/ADSS and Group Leader/SAFE-DO. Still working out some kinks like reporting to (b)(6) as GL or only to (b)(6) or both? Also, Relf Price (formerly the MC&A Coordinator at TA-55) is FT on IRA/PT with (b)(6) to supplement the MC&A component; (b)(6) had been working projects in another group in ADSS.

Those are the big things. (b)(6) (b)(6)

(b)(6) I have told (b)(6) I am staying on board to get us through this hump and ensure a sustainable program.

Look forward to seeing you soon. Any advice you have I am certainly open to hearing (I will listen to any critique from you and try to learn from it).

Regards,  
(b)(6)

I have much to do but am feeling comfortable with the support of the Group.

At 12:50 PM 6/20/2008, Whitworth, Amy wrote:

>Hey - FYI. Please let me know if there are any S-4 training courses  
>that we could take advantage of for Lee and his cohorts. I hope all is  
>going well. I would like to know soonest (if possible) when you can  
>have a first draft of the PIP so (b)(6) can be out at LASO and  
>facilitate their review and coordination with you.

>  
>  
>Amy B. Whitworth  
>Acting Office Director  
>Office of Field Integration  
>NNSA MC&A Program Manager  
>Senior Technical Advisor  
>Office of the Associate Administrator  
> for Defense Nuclear Security  
>National Nuclear Security Administration  
>(202) 586-2505/5324 (phone/fax)  
>Room GP-196  
>  
>

>-----Original Message-----

>From: Whitworth, Amy  
>Sent: Thursday, June 19, 2008 5:53 PM  
>To: Le-Doux, Lee  
>Subject: Re: LASO support  
>

>That is great Lee. I had a feeling that the training would be back on.  
>Let me know what (b)(6) says re the PIP.  
>

>----- Original Message -----

>From: Le-Doux, Lee <lle-doux@doeal.gov>  
>To: Whitworth, Amy



## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Tuesday, June 24, 2008 10:12 AM  
**To:** Valdez, Pamela J  
**Cc:** Le-Doux, Lee; mdelgado@doeal.gov; Chavez, William J  
**Subject:** DRAFT PIP

Good Morning Pam,

I sent an email to Lee - recognizing he is on travel, but hoping he could check email - a couple of things to follow up on:

I have a draft Performance Improvement Plan for his review, input and approval; can I get it to him this week or wait until Monday?

Also, we need to work AOP deliverables, I have some suggestions and need to finalize any LASO requests - again, wait until next week?

I also discussed with Lee and I will have draft slides for him to present opening remarks on Contractor status & priorities for the Inspection.

Finally, I also sent him an email and very much encourage you to incorporate the support of (b)(6) there is limited time before the inspection but she would be invaluable to LASO in the long-term. Please call me if you have any questions; she could help you with the aforementioned and many, many other facets of the program.

Thanks,  
(b)(6)

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Thursday, July 31, 2008 12:35 PM  
**To:** Whitworth, Amy  
**Subject:** Variance Info.

Hi Amy,

Heard you're on vacation (left you a voice mail also). I asked (b)(6) to try (b)(6) also as a follow up to your meeting. Let's please discuss the issues; again, we DID conduct inventory, the variance was for those rooms not yet released for criticality safety reasons, stats were met.

Thanks,

(b)(6) so I can be tracked down

(b)(6)

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Thursday, August 28, 2008 1:01 PM  
**To:** (b)(6)  
**Cc:** Whitworth, Amy  
**Subject:** Re: FW: Schedule

Hi-

This is the type of summary I would like to see to summarize the status of work completed here. I apologize if I wasn't clear on what I was asking for.

I would still like to have feedback from you on your impressions of work here and the Inspection thus far.

Thanks,  
(b)(6)

At 02:34 PM 4/16/2008, (b)(6) wrote:

> (b)(6)  
>  
> I want you to know my communication with Amy below.  
>If there is anything in the below message you need clarification on  
>please let me know. Please read the below and assure that I am not  
>off base. We can talk about things we worked on today which are in  
>the message below.

>  
>Regards,

> (b)(6)

>  
>From: (b)(6)  
>Sent: Wednesday, April 16, 2008 2:33 PM  
>To: 'Whitworth, Amy'  
>Cc: (b)(6)  
>Subject: Schedule

>  
>Amy,  
>  
> There is a lot of work to do here and you and I can  
>discuss this more next week when we are together. I need you to know  
>that they want me here as much as possible before the IO and they want  
>me here during the IO. They have sat me down to come up with a  
>schedule for me to be here and this is what we have so far:

- >  
>1) May 5 - May 16  
>2) June 3-June 14  
>3) June 22-July 2  
>4) July 28-August 9

>  
>Of course, this is your decision on what I do.

>  
> Here is a list of some of the things I have worked  
> during this two weeks and things they want done in future:

>  
>Done  
>· SFPI Detailed Briefing  
>· IO Briefing to MCA Dept.  
>· Begin review of  
>findings/recommendations/opportunities for improvement CAPs status and  
>evidence closure packages (currently reviewing a list of 48 CAPs to  
>review and make notes on for them to fix things. A multitude of  
>meetings with SME associated with specific CAPs for clarification and  
>understanding.

>• Meetings with Group Lead and Team  
>Leads on needs for assistance. Issues that they feel need to be  
>worked. What is the true situation.  
>• Meeting with measurement group on MCA  
>measurement status. Currently they are writing a "white paper" from  
>the results of our meetings to be able to pass this on to NBL and  
>determine the "kind" of help/assistance they need most in this area.  
>Requested Y-12 procedures etc. for this topic.  
>• Meeting with (b)(6) (Safeguards and  
>Security Director)- briefing on his expectations and what I have done to date.  
>• Meeting that discussed the "process"  
>of how the MCA Plan along with implementing procedures functions  
>appropriately to assure that the operations people are abiding by the  
>necessary rules and regulations.  
>• Review of all deviations and the  
>deviation situation associated with any possible work that may not have  
>been done -- yet now they have the funding - assurance they have picked  
>back up on all aspects of MCA tasks that were initially suspended but  
>should be "full up" now.  
>• Acceptable staff and funding levels to  
>implement and sustain a MCA program.  
>• Identified they need assistance on  
>tritium accountability; began steps to obtain what they need.  
>  
>Currently Known To Do  
>  
>• Finish review of all CAPs closure packages  
>• Review MCA Plan; Assist in rewrite of plan  
>• Review of Implementing/Complimenting  
>procedures; assist in write of additional needed implementing procedures  
>• Assure that Safeguards and Security  
>becomes the necessary champion for MC&A to get operations to implement  
>appropriately.  
>• Review of Custodian Handbook; Assist  
>in rewrite of Custodian Handbook  
>• Full review of the IRA and Performance  
>Testing Program - make sure it is at the level needed to use for SFPI  
>and for MCA as a whole  
>• Work with individuals/team leads to  
>assure they understand and self identify their weaknesses, develop  
>acceptable plans to correct weaknesses and work begins on those things  
>  
>This is off the top of my head. Of course you can get concurrence from  
>(b)(6) and/or other LANL personnel. But again, I realize the importance  
>of you knowing what I am doing and determining if you accept the  
>requested path forward.  
>  
>Thanks,  
>  
>(b)(6)  
>  
>

(b)(6)

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Thursday, December 11, 2008 10:04 AM  
**To:** Young, David A; (b)(6)  
**Cc:** Salerno, Lisa; Whitworth, Amy; Kirkpatrick, Russell  
**Subject:** RE: PIP Bi-Weekly Mtg TODAY

Good Morning,

Yes, 12-1:30 today @ LASO.

Regards,  
Diane

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

**From:** Young, David A. [mailto:DYoung2@doeal.gov]  
**Sent:** Thursday, December 11, 2008 7:58 AM  
**To:** (b)(6)  
**Cc:** Salerno, Lisa; Whitworth, Amy B (HQ); Kirkpatrick, Russell  
**Subject:** PIP Bi-Weekly Mtg TODAY  
**Importance:** High

(b)(6)

The plan was to hold the first subject meeting today.. (b)(6) mentioned a preference for this afternoon.

I was able to reserve a conference room (Quemazon CR 1106) at LASO from 12:00 - 1:30.

Again, the purpose of this meeting is to discuss the PIP, closure of actions, and process forward.

I am very pleased to be able to report to the LASO CSA and to the NNSA MC&A Program Manager that this week we were able to verify evidence files for numerous PIP actions and will recommend closure for many, however, Change Control on the PIP, and LANS self-reporting on PIP performance (per the PBI measure) continues to need improvement.

Thank you... See you at 12:00.

David

**Whitworth, Amy**

---

**From:** (b)(6)  
**Sent:** Wednesday, February 11, 2009 12:55 PM  
**To:** Whitworth, Amy; Salerno, Lisa; williams joel\_d@lanl.gov  
**Cc:** (b)(6)  
**Subject:** RE: Items for special review team

Thanks Amy,

I got the message for a 3pm briefing at NISC.

Regards,

(b)(6)

From: Whitworth, Amy [mailto: Amy.Whitworth@nnsa.doe.gov]  
Sent: Wednesday, February 11, 2009 7:43 AM  
To: (b)(6) Salerno, Lisa; (b)(6)  
Cc: (b)(6)  
Subject: Re: Items for special review team

(b)(6) - I would like for someone to brief the team on what analysis has been done to date on this ID at 2:00 at the NISC. Your choice of briefer.

---

From: (b)(6)  
To: Salerno, Lisa; (b)(6); Whitworth, Amy  
Cc: (b)(6) 'Marlayne M. Mahar'  
Sent: Wed Feb 11 09:38:46 2009  
Subject: Special Review Team

(b)(6)

contacts and locations; please let me know if I can accommodate any other  
s.

Below are the  
topics/contact

Thanks,

(b)(6)

(b)(6)

(b)(6)

From: Salerno, Lisa [mailto:LSalerno@doeal.gov]  
Sent: Tuesday, February 10, 2009 8:21 PM  
To: (b)(6) Whitworth, Amy B (HQ)  
Cc: Salerno, Lisa  
Subject: Items for special review team

Hi (b)(6)

Please help us make the arrangements for the following people to meet up with our team members.

Thank you again for all of your cooperation.

Schedule from 8:00 am-5:00 pm

9:00 am - (b)(6) SAFE-4 Accounting  
(b)(6) - @ SAFE-4

9:30 (b)(6) -SAFE-4- POV/ Statistics/ Procedures - @ SAFE-4, (b)(6) office

10:00 am (b)(6) - TA-55 - Accountability Office, (b)(6)

(b)(6) - Document Review- NISC Building

1:00 pm (b)(6) - TA-55- (b)(6)

Procedures for Accounting- ESCORT NEEDED -  
Accountability Office, meet @ Access Center

1:00 pm-1:30 pm- (b)(6) - Measurement Control - @ SAFE-4, (b)(6)

4:00 pm Team Meeting NISC

Lisa Salerno

General Engineer

NNSA/LASO

505-606-0431

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Tuesday, January 15, 2008 5:13 PM  
**To:** Whitworth, Amy; Le-Doux, Lee  
**Cc:** Ferry, Ray; (b)(6)  
**Subject:** RE: NNSA MC&A Implementation Panel

As am I, Amy!

(b)(6)

At 11:01 AM 1/15/2008, Whitworth, Amy wrote:

>Thank you Lee - I have copied (b)(6) as she has been involved in the  
>discussions.

>

> (b)(6) I am looking forward to meeting you!

>

>

>Amy B. Whitworth

>NNSA MC&A Program Manager

>Senior Technical Advisor

>Office of the Associate Administrator

> for Defense Nuclear Security

>National Nuclear Security Administration

>(202) 586-2505/5324 (phone/fax)

>Room GP-196

>

>

>-----Original Message-----

>From: Le-Doux, Lee [mailto:lle-doux@doeal.gov]

>Sent: Tuesday, January 15, 2008 12:52 PM

>To: Whitworth, Amy

>Cc: Ferry, Ray; (b)(6)

>Subject: RE: NNSA MC&A Implementation Panel

>

>I've forwarded your inquiry to (b)(6) the Group Leader for the

>MC&A function at LANs. I want to ensure that the appropriate LANs

>folks are plugged in. I am looking to (b)(6) to review scheduled

>activities and to advise of LANs ability to host in the time frame

>mentioned. I will share this with you as soon as I hear from (b)(6).

>

> >

> > From: Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]

> > Sent: Monday, January 14, 2008 12:31 PM

> > To: Le-Doux, Lee; Ferry, Ray

> > Cc: (b)(6)

> > Subject: NNSA MC&A Implementation Panel

> >

> > Lee and Ray,

> >

> > (b)(6) has been requesting for a long time to host an NNSA MC&A

> > Implementation Panel Meeting. We are hoping to conduct the May 2008

> > IP at LANL, is that okay with LASO? What is entails is LANL

> > supplying

>

> > the meeting space and also a site tour (if possible for the Panel

> > members). We have done this at NTS and SRS so far.

> >

> > Amy B. Whitworth

> > NNSA MC&A Program Manager

> > Senior Technical Advisor

> > Office of the Associate Administrator

> > for Defense Nuclear Security

> > National Nuclear Security Administration

> > (202) 586-2505/5324 (phone/fax)  
> > Room GP-196  
> >  
> >

(b)(6)

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Wednesday, March 26, 2008 9:54 AM  
**To:** Whitworth, Amy  
**Cc:** (b)(6)  
**Subject:** GST Response to Whaley

Amy,

Rumor has it you are on vacation this week, but checking email. Sorry to bother you .....

On Monday (b)(6) our roll-up expert, received an email from the Site Office which basically forwarding a request from D.L. Whaley concerning the latest version of the Graded Safeguards Table. There are 8 questions to be addressed and the suspense date is April 18. I've got a couple of questions, and at the Implementation Panel meeting a couple of weeks ago there was some discussion of the GST, but I was tied up, so these may have been discussed at that time.

- Is this an "official" request? These things take some time for us because of the number of MBAs outside the PA and the variety of NM we have at the site. We don't want to ask (b)(6) to charge off generating the Categorization changes only to have something else come along next week.

- In order to include the programmatic folks to assure we provide a complete response, the suspense date needs to be pushed back at least a week -- two weeks would be even better. I don't know if this is a Whaley question, or someone else, so asking for some guidance about to whom the request for an extension should be directed.

- There is some discussion in the questions about deviations. This is of concern, at least to me, because the approval/disapproval of deviations can change when there are changes or re-organizations within the Site Office or HQ. Since, if we needed a deviation, we would be depending on the continuity of the deviation to allow numerous programs to continue functioning across LANL, this seems to be a tenuous approach.

Anyway, I need your guidance before we get everyone spun up to address D.L.'s questions. Thanks,

(b)(6)

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Wednesday, May 14, 2008 4:43 PM  
**To:** Whitworth, Amy  
**Cc:** (b)(6)  
**Subject:** UK Trip

Amy,

I talked with (b)(6) this morning about you being hit up for travel funding. We have been assured that (b)(6) UK travel will be totally covered by RTBF -- if not, he doesn't go. This wraps up some last issues with his former job. I knew this was coming, although we didn't know the date until about 6 weeks ago. Had the timing been any later, I would have had to renege on my agreement with the RTBF/materials disposition folks. You (FS-20) will not be paying anything, and I'm mystified why this even came up.

I also have two ulterior motives for approving this trip. I was the US lead for JOWOG 22 for a number of years. MC&A, both at the worker level and the internal oversight level, has historically been under the JOWOG 22 umbrella. Unfortunately, our SAFE-4 type folks were never involved, only the TA-55 operations people. This is an opportunity to get the right folks hooked up and establish a more reciprocal relationship. This is also consistent with what Bill has been doing on the physical protection side of the house.

My second agenda item has to do with MC&A accountability database usage. As you are aware we are charging forward with implementing LANMAS. This is moving along smartly, but we are seeing some bumps on the horizon. I anticipate LANL moving toward something similar to the "Move Right" safety software program that PANTEX implemented a few years ago. We are also getting pressure that MC&A data, and hence the software that tracks it, should be safety significant at a minimum and perhaps even safety class. Both of these possibilities have major implications for what we are doing with LANMAS implementation. For a number of years the UK has had a system at A90 that ties their equivalent of LANMAS into their safety processes. I am asking Wayne to get info on this system and how it does (and doesn't) work and what impacts, if any, their approach has had on their primary safeguards responsibilities.

I appreciate the concern about OA preparation. We are pushing hard and getting some additional resources to focus on document preparation (tech writer/editor) so our SMEs can concentrate on content and implementation. I also want to pass along my thanks for (b)(6) help. She has been great and has given us some insight and perspective that we would not have gotten until the HSS folks provided it -- something we are very anxious to avoid. David Young also took a very critical look at our MC&A Plan and identified some gopher holes we could be stepping into. Those issues are being corrected. We are also planning to participate at INMM, assuming we feel our audit prep is where it should be, we're trying to balance our budding extracurricular participation with our need to make sure we're taking care of business at home.

Thanks,

(b)(6)

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Tuesday, September 02, 2008 3:07 PM  
**To:** Whitworth, Amy  
**Cc:** (b)(6)  
**Subject:** Residue "Treatment"

Amy,  
I'm following up on the proposal I mentioned was being developed by the TA-55 folks. Here is the gist of what is being proposed:

In the late 90s Rocky Flats did a lot of work on various treatments so they could ship more of their poorer quality residues to WIPP. As it turned out they got permission to discard up to 10 wt% and didn't need to do anything other than some judicious blending. This work is being revisited because LANL doesn't have very much low quality/low assay residues for blending.

The studies that were conducted at RFP looked at adding a mixture of materials such that the recoverability of the resulting item was greatly decreased. This concept had been vetted with WIPP and there was (and I assume still is) general agreement that this approach is not dilution. The addition of the new material significantly alters the chemical behavior of the resulting mixture. LANL is exploring whether HQ would be amenable to this approach for several hundred items in our vault. I committed to start making inquiries in the Safeguards community on the topic. I have an UCNI paper from RFP that I could encrypt and send. It has many of the technical details about the mixtures and the results of experimentation.

With CMRR still some time away, some LLNL material perhaps headed our way, and the general decrease in recovery activities due to other constraints, we are looking for any and all legitimate ways to get rid of as many of our less attractive residues.

I know there is a lot going on, but if you could let me know your first impression and how we might best proceed, we'll get this moving.

Thanks,  
(b)(6)

Russell and (b)(6)

We had a murder board session yesterday afternoon for the Congressional Hearings scheduled for Thursday and found that we need some additional information for Brad's preparations.

We need concise and factual statements for Brad to make concerning the MC&A program at LANL. Please answer the following questions:

How many items are on inventory? Snapshot on 9/23/2008: Total items at Lab: 26,164; Items on PF-4 operations (main) floor: 9,468

How many items are in the vault in PF-4? Snapshot on 9/23/2008: Items in PF-4 vault: 10,683

Did the LANS 100% inventory apply to the entire site or just the vault? Entire site

Besides the single item identified during the December 2007 inventory, are there any other items identified as missing? No

Have any inventory differences in the past 2 years alarmed? In other words, did the ID exceed the control limits? No

*Amy B. Whitworth*

NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

**Whitworth, Amy**

---

**From:** (b)(6)  
**Sent:** Tuesday, September 23, 2008 6:24 PM  
**To:** Peterson, Bradley  
**Cc:** Fremont, Douglas; Leifheit, Kevin; Whitworth, Amy; Kirkpatrick, Russell; (b)(6)  
(b)(6) Valdez, Pamela J; (b)(6)  
**Subject:** Testimony Support  
**Attachments:** h0909-23-08.doc

(b)(6)

**Whitworth, Amy**

**From:** (b)(6)  
**Sent:** Wednesday, February 11, 2009 9:03 AM  
**To:** Salerno, Lisa; (b)(6) Whitworth, Amy  
**Cc:** Salerno, Lisa  
**Subject:** Re: Items for special review team

Lisa,  
I will also follow up personally, but in the meantime. Would you please check with Amy and see if she can meet with (b)(6) (our new AD) today at 4:00? (b)(6) is trying to juggle his schedule and I know Amy and the team are working very hard to gather as much information as they can.

I'll come over around 8 and talk with Amy face to face, but I'm trying to get this meeting request to her as quickly as I can.

Thanks,  
(b)(6)

At 08:20 PM 2/10/2009, Salerno, Lisa wrote:

Hi (b)(6)

Please help us make the arrangements for the following people to meet in with our team members.

Thank you again for all of your cooperation.

Schedule from 8:00 am-5:00 pm

(b)(6) 00 am - Hayes SAFE-4-Accounting  
Ben Romero

(b)(6) 9:30 - SAFE-4-POV/Statistics/Procedures

(b)(6) 10:00 am - TA-55

(b)(6) Document Review NISC Building

(b)(6) 1:00 pm (b)(6) - TA-55  
Procedures for Accounting- ESCORT

(b)(6) 0 pm-1:30 pm - Measurement Control

4:00 pm Team Meeting NISC

Lisa Salerno  
General Engineer  
NNSA/LASO  
505-606-0431

## Whitworth, Amy

---

**From:** (b)(6)  
**Sent:** Thursday, March 05, 2009 8:40 AM  
**To:** Young, David A  
**Cc:** (b)(6) Kirkpatrick, Russell; Whitworth, Amy  
**Subject:** Re: Discard Requests/Termination of Safeguards POTENTIAL ISSUE

David,  
We are following up on this. We are reviewing all actions in this area and will provide ongoing updates to you.

Thanks,  
(b)(6)

At 02:18 PM 3/4/2009, Young, David A. wrote:

(b)(6)

There are strong indicators of a potential significant issue:

Over (perhaps) the past 4 years, the process regarding LANS Discard Requests and Termination of Safeguards approval may not have been compliant. Specifically, Discard Requests have been generated by PMPP and addressed to LASO Program Management (PM) requesting approval. The PM interest in the material was limited to the determination that the material proposed for discard had no programmatic value. The Safeguards Termination component of the request may not have been properly evaluated, documented, or approved by the required federal approval authority. We have seen several occurrences that validate this generic scenario, and encourage further evaluation.

(SEE DOE M 470.4-6 change 1 section A pg I-4,5,6 for requirements)

I suggest that SAFE-4 conduct a comprehensive evaluation of this potential issue, and if validated, self-identify the issue(s). ANY accountable material that has been discarded (and safeguards terminated) without documentation of NNSA/LASO Cognizant Security Authority approval or NA-70 Chief, Defense Nuclear Security approval (as applicable) will need to be identified, and appropriate corrective action taken.

In the absence of a SAFE-4 assessment, LASO will conduct the assessment and make the determination.

Thank you,  
David

## Whitworth, Amy

---

**From:** Whitworth, Amy  
**Sent:** Monday, January 14, 2008 2:10 PM  
**To:** (b)(6)  
**Subject:** RE: February Implementation Panel meeting

Hi (b)(6) I am going to need to confirm with LASO about the IP meeting. You will see the e-mail. : )

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

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

**From:** (b)(6)  
**Sent:** Monday, January 14, 2008 1:34 PM  
**To:** Whitworth, Amy  
**Subject:** RE: February Implementation Panel meeting

Hi Amy,

I am eagerly anticipating the IP meeting at Los Alamos; I announced to (b)(6) (b)(6) that I am working this. I will give you a call tomorrow; I am having the second part of my surgery in two weeks and will be out for about 4 weeks. I will make all arrangements before leaving and hand it off to someone here in my absence. Tentatively, does the week of March 10th or 17th work? Let me know your thoughts.

I will lead a briefing with LASO; I briefed the site office in September last year.

I would also like to take you up on the offer of (b)(6) coming out to help; I'll pass it by the S-4 Group Lead and get in touch with (b)(6).

Kindest Regards,  
(b)(6)

At 06:45 AM 1/9/2008, Whitworth, Amy wrote:

>I have no issue with (b)(6) providing support, but there is an issue  
>with the Site Office we need to resolve first on SFPI. (b)(6) - could  
>you take the lead in setting up a videotelecon with the site, site  
>office and HQ so we can brief on SFPI?

>  
>

>Amy B. Whitworth  
>NNSA MC&A Program Manager  
>Senior Technical Advisor  
>Office of the Associate Administrator  
>for Defense Nuclear Security  
>National Nuclear Security Administration  
>(202) 586-2505/5324 (phone/fax)  
>Room GP-196  
>  
>

>-----Original Message-----

**From:** (b)(6)  
**Sent:** Tuesday, January 08, 2008 6:24 PM  
**To:** (b)(6) Whitworth, Amy

>Subject: RE: February Implementation Panel meeting

>  
> (b)(6)

> It is great to hear from you. Did not know you were out

~~from the ...~~  
>additional surgery. Actually I sent an email to Amy sug-  
>gesting March . . .  
>know there is  
>possibility than February.  
>g.  
> Diane, I would be happy to help you organize this meetin

hires from LANL

n fact, it  
ause you to  
lp the LANL MCA  
if Amy would  
for SFPI to say  
d to make sure  
(again approval

from you.

(b)(6)

>  
> I also have recently heard of the Y-12 new  
>MCA.  
>I know that cannot be a positive for the LANL program, i  
>probably can be quite devastating and as you state may c  
>realign your immediate future. I would still love to he  
>group as we discussed a few months ago if I could and --  
>give the permission. I know you probably are not ready  
>the least, but I could assist in many other ways. Wante  
>you know that my assistance is possibly still available  
>from Amy).

>  
> as stated, it is always good to hear  
>Let's see what Amy says and go from there.  
>  
>  
>  
>Warmest Regards,  
>  
>  
>

(b)(6)

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(b)(6) From:

>Sent: Tuesday, January 08, 2008 3:55 PM  
>To: Whitworth, Amy  
>Cc: (b)(6)  
>Subject: Re: February Implementation Panel meeting

>Hi Amy ( (b)(6)

(b)(6) would most certainly be interested! (b)(6)  
(b)(6) ....Let's talk this week.

>I'd like to request early to mid-march (b)(6)  
> (b)(6) later in March and early April get into  
>Spring Break, etc. I would be very excited to organize this - any  
>thoughts (b)(6)

>I'd still like to follow up on my role here at LANL, I left shortly  
>after calling you in early December - I'm back at it now. Losing  
>several people to Y-12, I might have to realign my goals; but will  
>definitely be communicating with you frequently.

>Kindest Regards,  
> (b)(6)

>At 07:46 AM 1/3/2008, Whitworth, Amy wrote:

>How would LANL like to host the next NNSA MC&A IP meeting? I am  
>thinking some time in February or March.

>Amy B. Whitworth  
>NSA MC&A Program Manager  
>Senior Technical Advisor  
>Office of the Associate Administrator  
> for Defense Nuclear Security  
>National Nuclear Security Administration  
>(202) 586-2505/5324 (phone/fax)  
>Room GP-196

> (b)(6)

(b)(6)

## Whitworth, Amy

---

**From:** Whitworth, Amy  
**Sent:** Wednesday, February 06, 2008 3:11 PM  
**To:** (b)(6) edward.sadowski@srs.gov; jerry.oleary@SRS.gov;  
JOHNSOGL@NV.DOE.GOV; (b)(6) Brock, Heidi;  
bswindel@pantex.doe.gov; (b)(6) Chiaramonte, Lynda L; (b)(6)  
Ferry, Ray; Haynie, Frederick Jr; Kubasek, Randy Randy; Le-Doux, Lee; marsh, bud; (b)(6)  
(b)(6) Williams, Thomas (SR); Wood, Margaret S; (b)(6)  
**Cc:** Blanton, Jason; Skinner, Marshal; (b)(6)  
**Subject:** NNSA MC&A Implementation Panel Meeting

All,

The next NNSA MC&A Implementation Panel meeting is scheduled for March 12-13, 2008, at Los Alamos National Laboratory. The logistics for the meeting will be forthcoming, but I would like to get input from you all on the agenda. Topics to date include:

Safeguards First Principles Initiative  
Implementation to date  
Future plans

LANL Lessons Learned Center

Policy Review

Graded Safeguards Table

Budget Build Process

Best Practices

Site Lessons Learned - NTS

Site-Specific Issues

Let me know if you have additions or suggestions by February 28, 2008.

Additionally, (b)(6) our host for this meeting is graciously setting up some tours for the group, please let (b)(6) know if you are interested, (b)(6) is on copy to this e-mail.

- \* TA-55 tour (limited number)
- \* CMR tour (for those who don't get their credentials in for TA-55)
- \* Driving tour of site (1-2, 15 passenger vans)

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration

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Room GP-196

## Whitworth, Amy

---

**From:** Whitworth, Amy  
**Sent:** Wednesday, February 06, 2008 5:13 PM  
**To:** 'youngda@yso.doe.gov'  
**Subject:** Re: NNSA MC&A Implementation Panel Meeting

Thank you - excellent suggestions.

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

From: Young, David A (YD4) <youngda@yso.doe.gov>  
To: Whitworth, Amy  
Sent: Wed Feb 06 15:41:57 2008  
Subject: RE: NNSA MC&A Implementation Panel Meeting

Amy... I would suggest that you have a specific item on the agenda for Y12 to present overview of the COMPASS... we are focusing resources on evolving this process as part of our preparation for the Fall inspection. ALSO... perhaps a spot on the agenda for sites that have already been inspected... to share war stories.

---

From: Whitworth, Amy [mailto: Amy.Whitworth@nnsa.doe.gov]  
Sent: Wednesday, February 06, 2008 3:11 PM  
To: (b)(6) edward.sadowski@srs.gov; jerry.oleary@SRS.gov; JOHNSOGL@NV.DOE.GOV;  
(b)(6) Brock, Heidi; bswindel@pantex.doe.gov;  
(b)(6) Chiaramonte, Lynda L; Young, David A (YD4); Ferry, Ray; Haynie, Frederick Jr; Kubasek, Randy Randy; Le-Doux, Lee; marsh, bud; (b)(6) Williams, Thomas (SR); Wood, Margaret S; (b)(6)  
Cc: Blanton, Jason; Skinner, Marshal; (b)(6)  
Subject: NNSA MC&A Implementation Panel Meeting

All,

The next NNSA MC&A Implementation Panel meeting is scheduled for March 12-13, 2008, at Los Alamos National Laboratory. The logistics for the meeting will be forthcoming, but I would like to get input from you all on the agenda. Topics to date include:

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Future plans

LANL Lessons Learned Center

Policy Review

Graded Safeguards Table

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Best Practices

OA Lessons Learned - NTS

Site-Specific Issues

Let me know if you have additions or suggestions by February 28, 2008.

ditionally, (b)(6) our host for this meeting is graciously setting up some tours for the group, please let Stephanie Baca know if

you are interested, (b)(6) is on copy to this e-mail.

- \* TA-55 tour (limited number)
- \* CMR tour (for those who don't get their credentials in for TA-55)
- \* Driving tour of site (1-2, 15 passenger vans)

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

## Whitworth, Amy

---

**From:** Whitworth, Amy  
**Sent:** Wednesday, March 19, 2008 10:53 AM  
**To:** (b)(6)  
**Cc:** (b)(6)  
**Subject:** RE: DNS-LLC Presentation

(b)(6)

You gave a wonderful presentation - this audience really didn't know much about the DNS LLC and everyone I have talked to about it is excited with the prospect of using it. Thank you so much for your participation in our meeting. If I can, I will attend the workshop as well for the DNS portion.

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

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

**From:** (b)(6) [mailto:pblount@lanl.gov]  
**Sent:** Wednesday, March 19, 2008 10:13 AM  
**To:** Whitworth, Amy  
**Cc:** (b)(6)  
**Subject:** DNS-LLC Presentation

*Amy - X Sking*  
Attached is the DNS-LLC presentation. We thank you for asking us to present. All the MCA folks at your meeting have been added to our distribution list. Matter of fact, we've already received some RSVP's from a few that plan to attend the DOE/NNSA Security Workshop in May! This is great.

Talk with you soon!

(b)(6)

At 05:50 AM 3/19/2008, Whitworth, Amy wrote:

>Hi (b)(6) -  
>  
>Could I possibly get electronic copies of your presentations? I'd like  
>to send out the draft minutes by Friday. Thanks so much for presenting  
>last week - both of you did a terrific job and the shared information  
>was greatly appreciated.  
>  
>Amy B. Whitworth  
>NNSA MC&A Program Manager  
>Senior Technical Advisor  
>Office of the Associate Administrator  
> for Defense Nuclear Security  
>National Nuclear Security Administration  
>(202) 586-2505/5324 (phone/fax)  
>Room GP-196

(b)(6)



## Whitworth, Amy

---

**From:** Whitworth, Amy  
**Sent:** Thursday, April 03, 2008 7:19 AM  
**To:** (b)(6)  
**Subject:** RE: Computer Security Training

There is no way I can go with this new position - you go on. David will be out later in the month.

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

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

**From:** (b)(6)  
**Sent:** Wednesday, April 02, 2008 1:39 PM  
**To:** Whitworth, Amy  
**Cc:** (b)(6)  
**Subject:** Fwd: Computer Security Training

Hi Amy,

Just want to make sure you know that LANL is trudging forward with me being there with them beginning next week for two weeks. You had stated you might go with me the first week. What are your plans and let me know what it is you want me to do.

Regards,

(b)(6)

> From: (b)(6)  
> To: (b)(6)  
> Cc: (b)(6)  
> Subject: Computer Security Training  
> Date: Tue, 1 Apr 2008 13:27:11 -0600  
>  
> (b)(6)  
>  
> It turns out that you can complete the necessary computer security  
> training without having to authenticate into the Laboratory system.  
> The specific course is titled "Initial Computer Security Training," and is course #9369.  
> The request for your CRYPTOcard has already been submitted. Once this  
> training has been completed, the CRYPTOcard request will be processed.  
> Then it will be mailed here to the SAFE-4 Group Office. With any luck,  
> it will be here waiting for you.  
>  
> The link to the training is:  
> <<http://www.hr.lanl.gov/scourses/9369/01.htm>>  
> <http://www.hr.lanl.gov/scourses/9369/01.htm>  
>  
>  
> At the end of the course there will be a confirmation that the course  
> has been completed. I recommend that the confirmation be printed out  
> as a hard-copy record. Trust me when I say that this is always a good  
> idea. Then fax a copy to (b)(6) in the Cyber Security Training  
> Office. Again this is a precaution just in case the training  
> authentication system has a hiccup and doesn't credit you as it should. (b)(6) fax

number is (b)(6)

>

> If there are any questions, please call me at (b)(6)

>

> Take care,

>

>

>

>

(b)(6)

>

>

>

>

>

## Whitworth, Amy

---

**From:** Whitworth, Amy  
**Sent:** Tuesday, May 20, 2008 11:01 AM  
**To:** (b)(6)  
**Subject:** RE: Fwd: Re: Slides for JOWOG 22-5

Hi (b)(6) - I just now got back to my voicemails from yesterday - straight meetings.

While I appreciate the opportunity to showcase SFPI with the UK, I have to say that I am surprised that you would be the one briefing them vice Y-12 who is also attending. My preference would be to have (b)(6) brief that as she was one of the leading individuals on the project. SFPI is fully implemented at Y-12.

Please take no offense on this - it isn't meant to be offensive.

Amy B. Whitworth  
Acting Office Director  
Office of Field Integration  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

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

**From:** (b)(6)  
**Sent:** Tuesday, May 20, 2008 9:53 AM  
**To:** Whitworth, Amy  
**Subject:** RE: Fwd: Re: Slides for JOWOG 22-5

At 08:20 AM 5/19/2008, you wrote:

>Our server strips all html - no text appears

>

>

>Amy B. Whitworth  
>Acting Office Director  
>Office of Field Integration  
>NNSA MC&A Program Manager  
>Senior Technical Advisor  
>Office of the Associate Administrator  
> for Defense Nuclear Security  
>National Nuclear Security Administration  
>(202) 586-2505/5324 (phone/fax)  
>Room GP-196

>

>

>-----Original Message-----

>**From:** (b)(6)  
>**Sent:** Monday, May 19, 2008 10:04 AM  
>**To:** Whitworth, Amy  
>**Subject:** Re: Fwd: Re: Slides for JOWOG 22-5

(b)(6)

## Whitworth, Amy

---

**From:** Whitworth, Amy  
**Sent:** Friday, June 13, 2008 9:44 AM  
**To:** (b)(6)  
**Subject:** Re: Statistical Assistance -- (b)(6)

Thank you. Let's hope this works out.

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

**From:** (b)(6)  
**To:** Whitworth, Amy  
**Sent:** Fri Jun 13 09:44:20 2008  
**Subject:** Fw: Statistical Assistance -- (b)(6)

FYI on Lanl working the (b)(6) visit.  
Sent from my Verizon Wireless BlackBerry

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

**From:** (b)(6)  
**Date:** Wed, 4 Jun 2008 12:47:47  
**To:** (b)(6)  
**Subject:** Statistical Assistance -- (b)(6)

Ladies,

Please see below that (b)(6) will be at LANL the week of June 16th. He will be flying on Monday (June 16) and Friday (June 20). So you will have him for three complete days. It is imperative we use him to the best of our ability. Assure we take full advantage of every minute of those three days he will be here.

To that note -- I request that (b)(6) begin communication with (b)(6) to get this all planned out. I would suggest giving (b)(6) an agenda or listing of topics you wish to cover with him. Also, please make all necessary arrangements for (b)(6) to get into the gates. Have someone meet him at the Badge Office at a specified time on Tuesday, June 17th to assure that whatever needs to be done will go smoothly and quickly. You cannot afford a delay in this process to get him in. Please see highlighted area below from Amy Whitworth on expectations.

I have copied (b)(6), on this email so that he knows to expect communication from you soon (this week). If (b)(6) needs assistance in any directions, whatever.....please assist him in his needs.

Sincerely,

(b)(6)

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

**From:** (b)(6)  
**Sent:** Friday, May 16, 2008 4:23 AM  
**To:** Amy; (b)(6)  
**Subject:** Re: Document Request from Y-12

I will assure that happens.  
Sent from my Verizon Wireless BlackBerry

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

**From:** "Whitworth, Amy" <Amy.Whitworth@nnsa.doe.gov>

**Date:** Fri, 16 May 2008 05:20:15  
**To:** (b)(6)  
**Subject:** Re: Document Request from Y-12

(b)(6) - please make certain that LANL has everything ready and time set aside and task clearly defined (in advance) so that we do not waste his time. Thanks (b)(6)

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

From: (b)(6)  
To: Whitworth, Amy; (b)(6)  
Cc: (b)(6)  
Sent: Thu May 15 20:32:16 2008  
Subject: RE: Document Request from Y-12

(b)(6)

Of course that is okay. I will inform LANL that they will have you for three complete days the week of the 16th. Thank you so very much!!!

(b)(6)

----- "(b)(6) wrote:

> I'll plan on it. Is travel on Monday and Friday sufficient?

>

> (b)(6)

>

> -----Original Message-----

> From: (b)(6)  
> Sent: Thursday, May 15, 2008 8:12 AM  
> To: (b)(6) 'Whitworth, Amy'  
> Cc: (b)(6)  
> Subject: RE: Document Request from Y-12

>

> (b)(6)

> Would you be so kind as to come to Los Alamos for the week of  
> June 16th? They really need your help sooner than later. They are  
> trying to get ready for an OA that begins the first week of August.  
> Terry Cremers is new and it would just be wonderful if you could come  
> the week of the 16th? I have talked to (b)(6) and her boss (b)(6) and  
> they are prepared for the week of the 16th. What do you say?

>

> Sincerely,

>

> (b)(6)

**Whitworth, Amy**

---

**From:** Whitworth, Amy  
**Sent:** Wednesday, November 26, 2008 11:46 AM  
**To:** (b)(6)  
**Cc:** (b)(6) Kirkpatrick, Russell  
**Subject:** Re: ARE YOU COMING? AND DINNER DECEMBER 2-----NNSA MC&A Implementation Panel Meeting

Thanks (b)(6) for getting back to us. We'll miss LANL, but completely understand workload issues. We'll definitely take you up again on your offer to host!

Have a happy and warm Thanksgiving!

Amy

---

**From:** (b)(6)  
**To:** (b)(6) : Whitworth, Amy  
**Cc:** (b)(6) Kirkpatrick, Russell  
**Sent:** Wed Nov 26 11:41:23 2008  
**Subject:** RE: ARE YOU COMING? AND DINNER DECEMBER 2-----NNSA MC&A Implementation Panel Meeting

Hi Amy and (b)(6)

Unfortunately, LANL will not be attending due to workload. (b)(6) had graciously offered to attend early on, but we decided last week that so many deadlines wouldn't allow our Group to attend. (b)(6) will be on the list for the next one; please, by all means let me know if Los Alamos can host again!

Please pass on our regrets to Dave - looking forward to seeing him the following week.

Best Regards,

(b)(6)

**From:** (b)(6)  
**Sent:** Tuesday, November 25, 2008 9:20 AM  
**To:** 'Whitworth, Amy'; (b)(6); edward.sadowski@srs.gov; jerry.oleary@srs.gov; JOHNSOGL@NV.DOE.GOV; (b)(6)  
**Cc:** 'David Young'; 'Havnie, Frederick Jr'; 'Kubasek, Randy Randy'; 'Le-Doux, Lee'; 'marsh, bud'; (b)(6); 'Williams, Thomas (SR)'; 'Long, DeAnn'; 'McNeilly, Debra'; (b)(6)  
**Subject:** ARE YOU COMING? AND DINNER DECEMBER 2-----NNSA MC&A Implementation Panel Meeting

Importance: High

To All,

Currently we know that the following people will be in attendance for the MCA Implementation Panel:

- NNSA—Amy Whitworth
- NNSA—Debbie McNeily
- NNSA— (b)(6)
- NTS--Geneva Johnson
- NTS--DeAnn Long
- SNL-- (b)(6)
- PANTEX-- (b)(6)
- Y12-- (b)(6)
- Y12-- (b)(6)
- Y12-- (b)(6)
- Y12-- (b)(6)

NEED RESPONSE: For those of you that have not responded - LANL, LLNL, SRS please let us know who will be coming from your facility.

NEED RESPONSE: Also, (b)(6) would like to schedule a dinner for December 2 @ 6:30. He is considering the: Irish Times Pub & Restaurant in Turkey Creek. We need to reserve some space at this restaurant as soon as possible so please respond.

Everyone please respond by COB Wednesday, November 26 if:

- you are coming to the implementation panel meeting (other than those above we know are coming)
- you will be attending the dinner.

Regards,

(b)(6)

(b)(6)

This email , including any attached files, may contain confidential and privileged information for the sole use of the intended recipient. Any review, use, distribution, or disclosure by others is strictly prohibited.

If you are not the intended recipient (or authorized to receive information for the intended recipient), please contact the sender by reply email and delete all copies of this message.

From: Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]  
Sent: Wednesday, November 05, 2008 11:01 AM  
To: (b)(6) . edward.sadowski@srs.gov; jerry.oleary@SRS.gov; JOHNSOGL@NV.DOE.GOV;  
(b)(6) bswindel@pantex.doe.gov; (b)(6)  
(b)(6) Haynie, Frederick Jr; Kubasek, Randy Randy; Le-Doux, Lee; marsh, bud; (b)(6)  
(b)(6) Williams, Thomas (SR); Long, DeAnn; McNeilly, Debra  
Subject: NNSA MC&A Implementation Panel Meeting

11,

The next NNSA MC&A Implementation Panel Meeting will take place at the Y-12 Site Office on December 2-3, 2008. Directions to follow. (b)(6) graciously offered to host the meeting and have arranged for a tour of the HEUMF, which if you have not seen yet you will most certainly want to as it is an extremely robust facility with security designed in. Please let me know who will attend from your office.

As always, I welcome your additions/comments to the agenda, but here are some of the topics that have been proposed to date:

- \* Performance Assurance
- \* EFCOG MC&A White Paper
- \* Communications Vehicle
- \* Inspection Lessons Learned
- \* MC&A website
- \* MC&A Technical Standard
- \* INMM

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator

for Defense Nuclear Security Administration

National Nuclear Security Administration

(202) 586-2505/5324 (phone/fax)

GP#196

## Whitworth, Amy

---

**From:** Whitworth, Amy  
**Sent:** Wednesday, December 10, 2008 11:08 AM  
**To:** Young, David A  
**Subject:** RE: PBI input for MC&A

I don't see any red.

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

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

**From:** Young, David A. [mailto:DYoung2@doeal.gov]  
**Sent:** Wednesday, December 10, 2008 10:54 AM  
**To:** Houghton, Joseph  
**Cc:** Kirkpatrick, Russell; Salerno, Lisa; Whitworth, Amy  
**Subject:** RE: PBI input for MC&A  
**Importance:** High

Joe,

My comments are in RED below. BTW... I discussed these comments with (b)(6) yesterday).

Thanks,  
David

---

**From:** Houghton, Joseph  
**Sent:** Tuesday, December 09, 2008 3:38 PM  
**To:** Young, David A.  
**Subject:** PBI input for MC&A

Performance Measure:

Materials Control & Accountability

1. Deliver a DOE compliant FY 2009 LANL MC&A Plan to LASO according to schedule
2. Achieve 90% of milestones outlined in the LANL MC&A Performance Improvement Plan and close HSS MC&A CAPs according to plan schedule.
3. Achieve an "effective performance" MC&A topical area rating on the FY 2009 DOE or NNSA Security and Safeguards Survey and close HSS CAPs according to schedule.

LAB's Self-Report:

G

1. The MC&A Plan was delivered on schedule, and LASO/SM continues to review the document. The MC&A Plan was submitted to LASO for approval by the PIP due date, HOWEVER, the plan is not a compliant one and therefore not approvable by LASO CSA. Discussions with LANS management this week included acknowledgement by LANS that the submitted plan was known to

be "unapprovable" by LASO due to compliance issues. The ADSS has agreed to retract the submittal and establish a new submittal date which will consolidate the original "two phase" approach to updating the plan into a single submittal probably within the 2nd quarter of FY09. This should be priority 1 as the MC&A Plan constitutes the Safeguards Authorization Basis and the current approved plan does not reflect current operations or compliance.

2. We are on schedule to meet over 90% of milestones included in the MC&A Performance Improvement Plan, but some milestone dates were not met as scheduled in November 2008. ADSS has implemented improved change control mechanisms through its Management Review Board to prevent recurrence. The response from LANS should indicate what percentage of PIP actions with due dates prior to TODAY have been completed (completed meaning closure approved by LASO).. and a statement regarding PIP actions with due dates after TODAY and whether those actions are on track for FY09. The statement regarding the ADSS implementing improved change control mechanisms is not accurate... to date there has been NO formal change control on the PIP and mechanisms identified recently have yet to be exercised.

3. The 2009 MC&A assessments by LASO and HQ DOE have not yet been scheduled.

Joe Houghton

667-6778

Security Specialist

Los Alamos Site Office

**Whitworth, Amy**

---

**From:** Whitworth, Amy  
**Sent:** Monday, January 12, 2009 10:20 AM  
**To:** (b)(6)  
**Cc:** (b)(6) 'Young, David A (YD4)'  
**Subject:** RE: NMMSS reconciliation

Thanks (b)(6) - sorry to hear about (b)(6) I am copying David so he will know this is closed. Please let me know what NMMSS says today - they are having some growing pains.

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

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

**From:** (b)(6)  
**Sent:** Monday, January 12, 2009 9:36 AM  
**To:** Whitworth, Amy  
**Cc:** (b)(6)  
**Subject:** FW: NMMSS reconciliation

Amy,

Here is the status of the LANL NMMSS reconciliation. The adjusting transaction entries to bring us back into balance have been submitted to NMMSS. The entries were created back in November 08 but (b)(6) these adjustments were not submitted. Also, because our STU III box unit is not (b)(6) we had to send the data via classified email to our SRS counter parts to submit to NMMSS for us. (b)(6) of NMMSS will contact me on Monday to verify we are in balance. In addition, we have also submitted the October & November data plus pending 740 data. Please call me if you have any questions.

(b)(6)

X-Sieve: CMU Sieve 2.2  
From:  
To: " (b)(6)  
Subject: FW: NMMSS reconciliation  
Date: Thu, 8 Jan 2009 11:07:24 -0700  
X-Mailer: Microsoft Office Outlook 12.0  
Thread-Index: AcljHqUtCTqVzH+mQ3efGO75p+0W7wAKAgXyzA9Wz9wAAA+4FwAAD04lQ  
X-NIE-2-MailScanner-Information: Please see <http://network.lanl.gov/email/virus-scan.php>  
X-NIE-2-MailScanner: Found to be clean  
X-NIE-2-MailScanner-From: (b)(6)  
X-Spam-Status: No

(b)(6)

What's the deal here???

(b)(6)

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

From: (b)(6)  
Sent: Thursday, January 08, 2009 9:19 AM  
To: (b)(6)  
Cc: (b)(6)  
Subject: FW: NMMSS reconciliation

Hi (b)(6)

This information needs to be sent to (b)(6), ASAP.

Thanks,  
(b)(6)

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

From: Whitworth, Amy [mailto: Amy.Whitworth@nnsa.doe.gov  
<mailto: Amy.Whitworth@nnsa.doe.gov> ]  
Sent: Thursday, January 08, 2009 7:26 AM  
To: Whitworth, Amy; (b)(6) youngda@yso.doe.gov;  
greenre@yso.doe.gov; (b)(6) Haynie, Frederick Jr;  
(b)(6) Salerno, Lisa  
Subject: RE: NMMSS reconciliation

All,

I heard back from SNL on this, but not LASO/LANL and YSO/Y-12 - please let me know the status. Thanks - ABW

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

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

From: Whitworth, Amy  
Sent: Friday, December 19, 2008 8:56 PM  
To: (b)(6) 'youngda@yso.doe.gov'; 'greenre@yso.doe.gov';  
(b)(6) Haynie, Frederick Jr; (b)(6)  
Salerno, Lisa  
Subject: Fw: NMMSS reconciliation

All,

Please let me know the status of the reconciliation with NMMSS. If this is a function of the transition let me know that too.

Thank you - Amy

From: thomas09.williams@srs.gov  
To: Whitworth, Amy  
Sent: Fri Dec 19 16:08:06 2008  
Subject: NMMSS reconciliation

Amy,  
There are three NNSA sites (Sandia, LANL & Y12) that have not reconciled. Additional clarifying information has been requested. They have the action to respond at this time. NMMSS has reconciled 55 out of 67 RISs to date.  
Tom

\*\*\*\*\*

(b)(6)

\*\*\*\*\*

Hebrews 13:5b  
...be content with what you have, because God has said, "Never will I leave you; never will I forsake you."

## Whitworth, Amy

---

**From:** Whitworth, Amy  
**Sent:** Wednesday, January 14, 2009 2:52 PM  
**To:** Heil, Michael  
**Cc:** Young, David A (YD4)  
**Subject:** RE: Approval

Hi Mike - I owe you one today - so you have my attention (as ADHD as it seems to be today). Do you have the memo that went to our office? I cannot find anything on IDRMS immediately, but that doesn't necessarily mean anything.

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

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

**From:** Heil, Michael [mailto:mheil@doeal.gov]  
**Sent:** Wednesday, January 14, 2009 2:43 PM  
**To:** Whitworth, Amy  
**Cc:** Young, David A (YD4)  
**Subject:** Approval

Amy,

was asked to check on another Termination of Safeguards by (b)(6) at LANL; I have attached a copy of the program approval (the language in this approval was done before I spoke with David as far as getting his input in writing them, so the wording of these approvals will improve). Whenever you get the chance could you please let me know that it has made it to your organization and hasn't fallen through the cracks?

Thanks,

Michael D. Heil

General Engineer

National Nuclear Security Administration

Los Alamos New Mexico

Phone: (505) 665-5920

Pager: (505) 664-1665

Fax: (505) 845-2735

## Whitworth, Amy

**From:** Whitworth, Amy  
**Sent:** Tuesday, January 20, 2009 11:21 AM  
**To:** (b)(6)  
**Subject:** Re: NMMSS reconciliation

Thanks (b)(6)

---

**From:** (b)(6)  
**To:** Whitworth, Amy  
**Sent:** Tue Jan 20 11:16:32 2009  
**Subject:** RE: NMMSS reconciliation

Hi Amy,

I don't remember if I updated you on the status with NMMSS. We are in balance, verified with (b)(6). However, we still cannot send current updates and/or receive reports or reconcile with NMMSS because our STU III is still out of order. We are looking to update to a STE but right now hoping for anything. All for now.

(b)(6)

At 08:19 AM 1/12/2009, you wrote:

(b)(6) - sorry to hear about (b)(6). I am copying David so he will know this is closed. Please let me know what NMMSS says today - they are having some growing pains.

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security Administration  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

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

**From:** (b)(6)  
**Sent:** Monday, January 12, 2009 9:36 AM  
**To:** Whitworth, Amy

(b)(6)

**Subject:** FW: NMMSS reconciliation

Amy,

Here is the status of the LNL NMMSS reconciliation. The adjusting transaction entries to bring us back into balance have been submitted to NMMSS. The entries were created back in November (b)(6) but these adjustments were not submitted. Also, because our STU III box unit is not working, we had to send the data via classified email to our SRS counter parts to submit to N(b)(6)S for us. (b)(6) of NMMSS will contact me on Monday to verify we are in balance. In addition, we have also submitted the October & November data plus pending 740 data. Please call

me if you have any questions.

(b)(6)

X-Sieve: CMU Sieve 2.2  
From:  
To: " (b)(6)  
Subject: FW: NMMSS reconciliation  
Date: Thu, 8 Jan 2009 11:07:24 -0700  
X-Mailer: Microsoft Office Outlook 12.0  
Thread-Index:

AcliHgUtCTgVzH+mQ3efGO75p+0W7wAKAgXvA9Wz9wAAA+4EwAAD04lQ

X-NIE-2-MailScanner-Information: Please see  
<http://network.lanl.gov/email/virus-scan.php> <<http://network.lanl.gov/email/virus-scan.php>>  
< <http://network.lanl.gov/email/virus-scan.php> <<http://network.lanl.gov/email/virus-scan.php>> >

X-NIE-2-MailScanner: Found to be clean  
X-NIE-2-MailScanner-From: (b)(6)  
X-Spam-Status: No

Clyde,

What's the deal here???

(b)(6)

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

From: (b)(6)

(b)(6)

Sent: Thursday, January 08, 2009 9:19 AM  
To:  
Cc: (b)(6)  
Subject: FW: NMMSS reconciliation

Hi (b)(6)

This information needs to be sent to Lisa, ASAP.

Thanks,  
(b)(6)

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

From: Whitworth, Amy [ <mailto: Amy.Whitworth@nnsa.doe.gov> ]  
<<mailto: Amy.Whitworth@nnsa.doe.gov>>

< <mailto: Amy.Whitworth@nnsa.doe.gov> <<mailto: Amy.Whitworth@nnsa.doe.gov>> > ]

Sent: Thursday, January 08, 2009 7:26 AM  
To: Whitworth, Amy; (b)(6) youngda@yso.doe.gov;  
greenre@yso.doe.gov; (b)(6) Haynie, Frederick Jr;  
(b)(6) Salerno, Lisa

Subject: RE: NMMSS reconciliation

All,

I heard back from SNL on this, but not LASO/LANL and YSO/Y-12 -  
please let me know the status. Thanks - ABW

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

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

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Sent: Friday, December 19, 2008 8:56 PM  
To: (b)(6) 'youngda@yso.doe.gov';  
'greenre@yso.doe.gov';  
(b)(6) Haynie, Frederick Jr;  
(b)(6)  
Salerno, Lisa  
Subject: Fw: NMMSS reconciliation

All,

Please let me know the status of the reconciliation with NMMSS.  
If this is a function of the transition let me know that too.

Thank you - Amy

---

From: thomas09.williams@srs.gov  
To: Whitworth, Amy  
Sent: Fri Dec 19 16:08:06 2008  
Subject: NMMSS reconciliation

Amy,  
There are three NNSA sites (Sandia, LANL & Y12) that have not  
reconciled. Additional clarifying information has been  
requested.  
They have the action to respond at this time. NMMSS has  
reconciled 55  
out of 67 RISs to date.  
Tom

\*\*\*\*\*

(b)(6)

\*\*\*\*\*

Hebrews 13:5b  
...be content with what you have, because God has said, "Never will I  
leave you; never will I forsake you.

\*\*\*\*\*

(b)(6)

\*\*\*\*\*

Hebrews 13:5b

.be content with what you have, because God has said, "Never will I leave you; never  
ll I forsake you.

## Whitworth, Amy

---

**From:** Whitworth, Amy  
**Sent:** Thursday, January 29, 2009 10:09 AM  
**To:** Young, David A  
**Subject:** Fw: Status of Account 742 in PF-4 at TA-55

---

From: Fremont, Douglas  
To: Talbot, Gerald  
Cc: Whitworth, Amy; Peterson, Bradley; Leifheit, Kevin  
Sent: Thu Jan 29 09:53:29 2009  
Subject: RE: Status of Account 742 in PF-4 at TA-55

Thanks Jerry. I am anticipating a classified summary this morning as well. I will share with you once we receive it.

Doug

---

From: Talbot, Gerald  
Sent: Thursday, January 29, 2009 9:51 AM  
To: Fremont, Douglas  
Subject: FW: Status of Account 742 in PF-4 at TA-55

Doug,  
Below is from (b)(6) input on the IMI-2 on Pu inventory issue at LANL. I agree with him that this is an accounting issue with the advent of a new aqueous chemistry process. I like their idea of going back over the past records and conducting a reconciliation.  
Jerry

---

From: Talbot, Gerald  
Sent: Thursday, January 29, 2009 9:47 AM  
To: (b)(6)  
Subject: RE: Status of Account 742 in PF-4 at TA-55

(b)(6)  
Thank you for the very informative report. I'll pass it on to Mr. Doug Freemont in our Safeguards and Security branch.  
All the best, Jerry

---

From: (b)(6)  
Sent: Wednesday, January 28, 2009 1:55 PM  
To: Talbot, Gerald  
Subject: Fwd: Status of Account 742 in PF-4 at TA-55

If this doesn't provide the necessary details, let me know and we will get more specific.

(b)(6)

X-Sieve: CMU Sieve 2.2  
Date: Wed, 28 Jan 2009 11:47:19 -0700  
To: (b)(6)  
From: (b)(6)  
Subject: Status of Account 742 in PF-4 at TA-55  
Cc: (b)(6)

(b)(6)

X-NIE-2-MailScanner-Information: Please see <http://network.lanl.gov/email/virus-scan.php>  
X-NIE-2-MailScanner: Found to be clean  
X-NIE-2-MailScanner-From: abney@lanl.gov

(b)(6)

Thank you for helping us with the reportability requirements regarding Material Control and Accountability (MC&A) for Material Balance Account 742. This is one of several nuclear material control accounts integrated into processing operations at the Plutonium Facility (PF-4) at TA-55.

First, let me assure you there are no safety concerns with respect to this issue. There is no significant holdup of nuclear material in any one physical location that would cause a criticality safety concern. Second, it is the joint opinion of all involved responsible LANL organizations that there has been no loss or diversion of nuclear material but an accounting issue that must be resolved.

Let me briefly document for you what led to this issue, what actions we have taken, and what actions we will be performing in the future. Account 742 encompasses the pyrochemical operations that produce weapons grade metal for the Pit Manufacturing Program and the supporting aqueous chloride plutonium recovery and recycle operations. It includes 19 unit operations in two rooms of PF-4 ranging from aqueous dissolution to electrorefining that together produce specification plutonium metal.

During the past 24 months, PMT-2 operations personnel working jointly with the SAFE-4 accountability office personnel have implemented several new accountability flowsheets within account 742. A change in oxide purity and problems associated with measuring plutonium metal turnings have affected the input to the account material balance. Despite these changes, account 742 has been maintained at less than a 0.5% inventory difference. During the December 2008 scheduled annual shut down/clean out inventory, the account exceeded the alert point that resulted in locking the account and a cessation of normal processing operations until the issue can be formally resolved.

PMT and SAFE personnel continue to work together to resolve this discrepancy and have jointly developed and documented a plan that we are currently executing. The details include reviewing all previously performed MASS (Material Accountability Safeguards System) transactions, assuring the proper choice of NDA (nondestructive assay) instrumentation and its inherent use in obtaining accurate measured values, and revisiting the accountability flowsheets. Several physical items have also been reconfigured and returned to the NDA laboratory for recounting. We are confident that these actions will identify the cause of the nuclear material discrepancy and point us to changes that will prevent a repeat of this issue in the future.

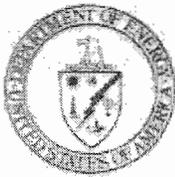
Should you require any further information or details on what is presented here, do not hesitate to contact me.

This message has been reviewed by an authorized ADC and determined to contain only UNCLASSIFIED information.

\*\*\*\*\*

(b)(6)

License Exception: TSPA/Correspondence  
\*\*\*\*\*



Department of Energy  
Washington, DC 20585  
January 14, 2009

MEMORANDUM FOR DONALD L. WINCHELL, JR.  
MANAGER  
LOS ALAMOS SITE OFFICE

FROM: JOHN S. BOULDEN III   
ACTING DIRECTOR  
OFFICE OF INDEPENDENT OVERSIGHT  
OFFICE OF HEALTH, SAFETY AND SECURITY

SUBJECT: Comments on the Interim Corrective Action Plan –  
~~Office of Independent Oversight Safeguards and Security~~

**Comments on the Interim Corrective Action Plan to the  
Office of Independent Oversight's Safeguards and Security Inspection  
of the Los Alamos Site Office and the Los Alamos National Laboratory,  
August – September 2008**



08SEP18-LASO-340-OA-PSP.4-001-123	The proposed corrective actions, if appropriately implemented, appear adequate to address the findings.
08SEP18-LASO-340-OA-PSP.2-001-123	Although the proposed corrective actions appear to be adequate, the stated completion date of November 1, 2009, seems excessive. Recommend more timely action to reduce the time that the identified deficiency (no tracking or trending of escorted visitors to the material access area) continues to exist.
08SEP18-LASO-340-OA-PSP.2-002-123	The proposed corrective actions, if appropriately implemented, appear adequate to address the findings.



08SEP18-LASO-340-OA-NMCAA.2-004-123

The proposed corrective actions, if appropriately implemented, appear adequate to address the findings.

08SEP18-LASO-340-OA-IP.4-001	The proposed corrective actions, if appropriately implemented, appear adequate to address the findings.
08SEP18-LASO-340-OA-IP.4-002	
08SEP18-LASO-340-OA-IP.4-001-123	
08SEP18-LASO-340-OA-IP.4-002-123	
08SEP18-LASO-340-OA-IP.4-003-123	

## Whitworth, Amy

---

**From:** Whitworth, Amy  
**Sent:** Tuesday, February 03, 2009 9:56 AM  
**To:** Young, David A  
**Subject:** FW: Comments on the ICAP, LASO/LANL, Aug-Sep 08  
**Attachments:** Signed ICAP MEMO & Attach.pdf



Signed ICAP MEMO  
& Attach.pdf ...

FYI

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

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

**From:** Fremont, Douglas  
**Sent:** Wednesday, January 14, 2009 4:55 PM  
**To:** NA-70 Leadership  
**Cc:** Whitworth, Amy; Marcelle, Norbert; McNeilly, Debra  
**Subject:** FW: Comments on the ICAP, LASO/LANL, Aug-Sep 08

FYI

---

**From:** (b)(6)  
**Sent:** Wednesday, January 14, 2009 12:19 PM  
**To:** Talbot, Gerald; Peterson, Bradley; Hyndman, John; Boulden, John; Kirkpatrick, Russell; Fremont, Douglas  
**Cc:** Monroe, Val; Jones, Jennifer; Kenney, Cecelia  
**Subject:** FW: Comments on the ICAP, LASO/LANL, Aug-Sep 08

On behalf of John Hyndman,

Please find attached your courtesy copy of the Independent Oversight comments on the Interim Corrective Action Plan Memo for Los Alamos Site Office and the Los Alamos National Laboratory Inspection on August - September 2008. Thank you.

(b)(6)

(b)(6)



## Whitworth, Amy

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**From:** Whitworth, Amy  
**Sent:** Thursday, March 12, 2009 1:36 PM  
**To:** Ruberg, Casey; Broehm, John  
**Subject:** For your reading pleasure

Missing material was stored in main plutonium facility, LANL spokesman says Sue Vorenberg | The New Mexican  
2/26/2009 - 2/27/09  
Officials at Los Alamos National Laboratory are having a hard time finding the stuff that somehow didn't make it to the whosiewhatsis inside TA-55, the lab's main plutonium facility.

That's the general gist of a vague news release sent out from the lab Thursday claiming that LANL reported an "internal material control issue" to the National Nuclear Security Administration.

The release says there was an error in "internal inventory and accounting that documents movement of sensitive materials" in a small part of TA-55.

Kevin Roark, a spokesman, declined to say what, exactly, was misplaced according to the accounting. He added that while TA-55 is a plutonium research, development and processing facility, it also "works with a wide variety of nuclear and other materials."

Pete Stockton, however, a senior investigator for the Project on Government Oversight, said he has a pretty good idea about what's missing, and how much of it lab staff are looking for.

"It's plutonium, that's certainly our understanding," Stockton said. "It's an issue of about a kilogram, with is about 2.2 pounds. You'd need about twice that much for a weapon."

While the lab's release said staff noticed the problem in January, Stockton said that problems with "material control and accountability," which is the general category the error falls into, have been going on at the lab and across the complex for more than a year.

Officials from the Project on Government Oversight met with NNSA staff Wednesday to talk about the issue at the lab, but were told that the problem was "classified," according to a news release from the group.

"They say they can't tell you anything, then the lab issues a press release," Stockton told The New Mexican on Thursday. "They're really antsy about this."

The Project on Government Oversight also cited an internal Department of Energy letter that said the amount of nuclear material the lab couldn't account for "exceeded alarm limits."

Roark said there's no way the material left the TA-55 facility. It appears to be a problem of moving material from one area to another, he added.

"That's the most logical explanation — that material is in a place we haven't looked for it yet," Roark said.

He also said security at the facility is extremely tight, with multiple safeguards in place to protect anything from getting out.

"We know nothing's missing because nothing has left the building," Roark said.

That comment, with its circular logic, gave Stockton pause.

"They say there's no way that material could possibly get out," Stockton said. "That's bull."

Stockton pointed to a recent security test at Lawrence Livermore National Laboratory, in which material was taken out of a building and tossed over a security fence with a lacrosse stick, he said.

"You just stash that and take it out the emergency doors," Stockton said.

Still, Roark agreed with the lab's release, which said "there is 100 percent certainty that no sensitive materials left the facility."

And either way, the problem should be resolved soon, he added.

"We expect to have this resolved in the next couple of weeks," Roark said.

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

## Whitworth, Amy

---

**From:** Whitworth, Amy  
**Sent:** Friday, March 13, 2009 2:52 PM  
**To:** (b)(6)  
**Subject:** RE:

Either way there is no real harm done. We were just concerned with the press release.

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

**From:** (b)(6)  
**Sent:** Friday, March 13, 2009 2:40 PM  
**To:** Whitworth, Amy  
**Subject:** RE:

OK...I've got (b)(6) tracking Young down so we get on the same page--I was led to believe we had pushed the validation to LASO for final approval.

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

**From:** Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]  
**Sent:** Friday, March 13, 2009 12:20 PM  
**To:**  
**Cc:** (b)(6)  
**Subject:** FW:  
**Importance:** High

(b)(6)

I don't know what I don't know, but the below doesn't track so well with your last e-mail.

PS - sorry for my "blunt" statement below.

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

**From:** Young, David A. [mailto:DYoung2@doeal.gov]  
**Sent:** Thursday, March 12, 2009 5:24 PM  
**To:** (b)(6)  
**Cc:** Kirkpatrick, Russell; Whitworth, Amy  
**Subject:** FW:  
**Importance:** High

The attachment (proposed LANL press release) states that LASO is in the process of validating the resolution of the alarming ID.  
WHO @ LASO is in the process of validating the ID??

On Monday, I asked you if you would have another LANS resource (e.g., (b)(6) (b)(6) independently review the calculations/process (conducted by (b)(6) prior to submittal to LASO for buy-in.... LASO has not been asked to initiate our validation by anyone formally or informally !!!

When can we expect to be presented the evidence of resolution ?

---

**From:** Whitworth, Amy [mailto:Amy.Whitworth@nnsa.doe.gov]  
**Sent:** Thursday, March 12, 2009 3:13 PM  
**To:** Young, David A.  
**Cc:** youngda@yso.doe.gov  
**Subject:** Fw:

Fyi

----- Original Message -----  
From: Whitworth, Amy  
To: Wyatt, Steven  
Sent: Thu Mar 12 10:18:03 2009  
Subject: RE:

Steve,

don't know if you wanted comments, but I made some- they continue to use the word "control" but that is the physical security-related aspect of MC&A, their issue was in the "accounting" aspect of MC&A. Bluntly put, they didn't know what the data was they were looking at.

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

-----Original Message-----  
From: Wyatt, Steven  
Sent: Thursday, March 12, 2009 10:01 AM  
To: Whitworth, Amy  
Subject: FW:

As discussed.

Steve

---

From: (b)(6)  
Sent: wednesday, March 11, 2009 4:20 PM  
To: Wyatt, Steven  
Subject:

(b)(6)

## Whitworth, Amy

---

**From:** Whitworth, Amy  
**Sent:** Thursday, March 26, 2009 12:52 PM  
**To:** Broehm, John  
**Cc:** Peterson, Bradley  
**Subject:** RE: LA Times story

**Attachments:** LA Times questions draft answers abw.doc; Talking points LANL ID issue March 25 2009.doc



LA Times questions draft answe...  
Talking points LANL ID issue M...

John,

I made some changes and have pasted your points (with my changes) below. I have also attached talking points that were prepared for both public and internal use as well as talking points for our LA Times interview yesterday. I hope this is helpful. I am in meetings this afternoon, but will have my blackberry with me so feel free to e-mail and I will hop out.

### Inventory Difference

Background: As part of a routine analysis of its inventory, Los Alamos National Laboratory identified a potential accounting discrepancy. This turned out to be a result of a statistical miscalculation, and all of the material was subsequently accounted for.

Statistical analysis is one of many layers of accounting for this material.

Key Points: The fact that the ID was miscalculated was identified quickly by the NNSA Special Review Team.

Given this miscalculation, the robust nature of the physical security systems and lack of any unresolved alarms, and stringent operations process and procedures there was no reason to suspect theft or diversion.

The lab has since done a 100% physical inventory of the area and performed the correct calculation of the inventory difference and control limits. The correct ID is well within the allowable limits and provides positive assurance of the lack of theft or diversion of special nuclear material.

NNSA, in its oversight capacity, is working with the laboratory to identify, correct or enhance the procedural processes used by the laboratory in conducting inventory.

If Asked: 100% physical inventories will be conducted in all processing areas.

Plutonium and Uranium Storage

Los Alamos will now conduct 100% physical inventories of materials actively being used in fabrication and research.

For secure vault storage, however, the marginal increase in assurance provided by conducting 100 percent physical inventories does not justify the additional costs, worker radiation exposure, operational impacts, and in some cases increased security risks.

Performance of inventories is integrated with other elements of the safeguards and security program, namely, physical protection, personnel security, other material control, accountability, and surveillance measures, protective force, and information security to establish the defense in depth security posture for a particular site and set of material.

Site office employee issue

We cannot discuss a staffing issue.

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

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

From: Broehm, John  
Sent: Thursday, March 26, 2009 11:21 AM  
To: Whitworth, Amy  
Subject: FW: LA Times story

Hey, can you look at this to, pretty please?

---

From: Broehm, John  
Sent: Thursday, March 26, 2009 11:18 AM  
To: Peterson, Bradley  
Subject: LA Times story

Hi, Brad! They said you were away, but on email. We have developed some talking points if we get followup questions from reporters on that LA Times story. Damien LaVera, the new director here, asked that I put these together. (You should come by and meet him at some point).

Can you review and make sure we are still accurate. I based them off of what you had sent before, but just consolidated them to one page. (The 100% inventory issue is from before your time, about Sept. '07 to be exact). And obviously you don't have to worry about the LASO guy that was suspended or whatever.

As soon as you can would be appreciated.

My Messages

## Inventory Difference

Background: As part of a routine analysis of its inventory, Los Alamos National Laboratory identified a potential accounting discrepancy. This turned out to be a result of a statistical miscalculation, and all of the material was subsequently accounted for.

Statistical analysis is one of many layers of accounting for this material.

Key Points: The physical security systems in place at the facility were not alarmed, which confirmed that no material was removed from the facility. The lab has since done a 100% physical inventory of the area.

NNSA, in its oversight capacity, is working with the laboratory to identify, correct or enhance the procedural processes used by the laboratory in conducting inventory.

If Asked: 100% physical inventories are conducted periodically.

## Plutonium and Uranium Storage

Los Alamos does conduct physical inventories of materials actively being used in fabrication and research.

For some areas, however, the marginal increase in assurance provided by conducting 100 percent physical inventories does not justify the additional costs, worker radiation exposure, operational impacts, and in some cases increased security risks.

Performance of inventories is integrated with other elements of the safeguards and security program, namely, physical protection, personnel security, other material control, accountability, and surveillance measures, protective force, and information security to establish the security posture for a particular site and set of material.

If pressed: HSS agreed that a physical inventory of this material is not needed.

## Site office employee issue

We cannot discuss a staffing issue.

LA Times Questions and Proposed Answers:

**1)How does Los Alamos do inventory - he has heard it is every 6 months - using a sampling/percentage method - he understands some folks (did not identify who) have called for a 100% sampling.**

- Previously, Los Alamos National Laboratory used to conduct their physical inventory using statistical sampling which is consistent with Departmental policy. LANL would select a random sample of their inventory population and verify the presence of the selected items and several items adjacent to the selected items. Then LANL would perform measurements on a smaller subset of that sample to provide further confidence of the presence of the nuclear material in those items. This inventory frequency was every two months for processing areas and every six months for secure storage locations.
- LANL is in the process of changing their physical inventory activities in most areas within TA-55 to include verification of the presence of 100% of the items on inventory, performing measurements on items that are not tamper-indicating at time of physical inventory, and looking for items in all locations (wall-to-wall physical inventory). This inventory frequency will be every two months for processing areas and every six months for secure storage locations.

**2)He would like to know the results of Amy's "investigation" and the team that went to LANL a few months ago**

- The Office of Associate Administrator for Defense Nuclear Security (DNS) led a Special Review Team during the week of February 8, 2009, to the Los Alamos National Laboratory (LANL) to investigate a January 27, 2009, incident report of an inventory difference (ID) that exceeded alarm limits.
- The goal of the review was to provide assurance to NNSA Senior Management that the contractor was responding to the event in a manner that would resolve the issue and allow the facility to resume safe and secure operations.
- The Special Review Team was comprised of ten subject matter experts with significant experience in accounting, physical inventory, statistics, measurements, measurement control, and Materials Control and Accountability (MC&A) program management.
- Upon analysis of the inventory difference calculation and evaluation, the Special Review Team concluded that:
  - the facility's reported ID was inaccurate;
  - the established control limit was not based upon a statistical evaluation of measurement uncertainty and active inventory as required; and

- key personnel in critical positions lacked a basic understanding of fundamental MC&A concepts necessary to recognize and resolve the issue.
- While on-site during the week of February 9, 2009, the Special Review Team provided preliminary recommendations for LANL to implement to resolve the ID which LANL accepted and implemented.
- LANL conducted a 100% physical inventory of the area in which the ID exceeded its alarm limit, calculated the ID over a one year period, calculated the associated control limit, and compared the ID to the control limit.
- The results from this evaluation is that the ID is within the allowable control limits and therefore confirms that the ID is attributable to measurement variability and normal process operations and not theft or diversion .
- The Los Alamos Site Office validated the Laboratory's evaluation and has approved resumption of operations in that area.

**IF ASKED (since this was included in the LASO memo to LANS on the POGO website)**

- During the on-site review, the Special Review Team also identified additional concerns such as the:
  - lack of qualified and experienced personnel in critical positions;
  - inattention to performance indicators;
  - lack of an approved and compliant MC&A Plan;
  - lack of procedures for key processes;
  - conduct of operations deficiencies; and
  - inadequate quality assurance practices.
- In the larger context of the overall LANL security program, these concerns were partially mitigated by the TA-55 security envelope which has strong and effective physical security and protective forces as validated by the recent Independent Oversight inspection.
- On February 23, 2009, LASO issued a letter to the contractor directing them to aggressively address the immediate issue and larger issues identified by the Special Review Team.
- LANL is in the process of developing a comprehensive plan to address the issues identified by the Special Review Team, but has also taken swift and aggressive action in the interim.

- These actions include:
  - 100% physical inventory of all material within TA-55.
  - Bringing in a significant number of subject matter experts from corporate partners to assist in completing corrective actions.
  - Applying tamper-indicating devices on items within TA-55 that had not had them previously.
  - Hiring a new manager with over 20 years of materials control and accountability experience and hiring a new Statistician with six years of highly specialized experience performing statistical evaluations for nuclear materials control and accountability.

### **3) How do we store the material?**

- All material is stored and processed in locations with robust physical security using a defense-in-depth strategy (in other words with many different layers of security with no common mode failures).

### **4) What is the process for retrieving the material from storage?**

- The process for transferring material from one location to another involves stringent security, control, and accounting systems and procedures.
- These include:
  - advance planning, approval, scheduling, and documentation of material movements;
  - secure opening of storage locations by independent organizations under strict material surveillance procedures;
  - validation of material with the approved transfer documentation; and
  - timely updates in the accounting system to reflect the change in material location.

## **Office of Defense Nuclear Security**

### **Los Alamos National Laboratory Inventory Difference**

#### **Public Affairs Talking Points**

##### **Background on Inventory Differences**

Inventory difference (ID) is a calculated value.

- Over a set period of time (material balance period), the ID is the sum of the beginning inventory and receipts subtracting shipments and ending inventory (the ending inventory being established by conducting a physical inventory of the special nuclear material).
- The ID is a material control indicator; if the ID falls within control limits then the ID is attributable to measurement variability and normal process operations.
- The ID falling within control limits provides positive assurance that there has been no theft or diversion of special nuclear material over the material balance period.
- Conversely, if the ID exceeds alarm limits it means that the ID cannot be attributed to measurement variability and normal processing operations and may indicate theft/diversion of special nuclear material.

##### **LANL Inventory Difference**

- The facility reported an ID that far exceeded alarm limits on January 27, 2009 in one material balance area (MBA).
- Defense Nuclear Security assembled a Special Review Team to examine the issue with the goal of providing confidence that the contractor was responding to the event in a manner that would resolve the issue.
- The Team conducted its on-site review on February 9-12, 2009.
- The Team concluded that the ID and associated control limit were incorrectly calculated.

## **Resolution of the LANL ID issue**

- While on-site during the week of February 9, 2009, the Special Review Team provided preliminary recommendations for LANL to implement to resolve the ID which LANL accepted and implemented.
- LANL conducted a 100% physical inventory of the area in which the ID exceeded its alarm limit, calculated the ID over a one year period, calculated the associated control limit, and compared the ID to the control limit.
- The results from this evaluation is that the ID is within the allowable control limits and therefore confirms that the ID is attributable to measurement variability and normal process operations and not theft or diversion .
- The Los Alamos Site Office validated the Laboratory's evaluation and has approved resumption of operations in that area.

## Office of Defense Nuclear Security

### Los Alamos National Laboratory Inventory Difference

#### Additional Internal Talking Points

##### Additional Issues identified

- The incorrect calculation of the ID and associated control limits was a symptom of larger issues.
- These issues include the lack of qualified and experienced personnel in critical positions; inattention to performance indicators; lack of an approved and compliant MC&A Plan; lack of procedures for key processes; conduct of operations deficiencies; and inadequate quality assurance practices.

##### Additional Activities to Date

- On February 23, 2009, LASO issued a letter to the contractor directing them to aggressively address the immediate issue and larger issues identified by the Special Review Team.
- LANL is in the process of developing a comprehensive plan to address the issues identified by the Special Review Team. but has also taken swift and aggressive

- These actions include:
  - 100% physical inventory of all material within TA-55.
  - Bringing in a significant number of subject matter experts from corporate partners to assist in completing corrective actions.
  - Applying tamper-indicating devices on items within TA-55 that had not had them previously.
  - Hiring a new manager with over 20 years of materials control and accountability experience and hiring a new Statistician with six years of

## Whitworth, Amy

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**From:** Whitworth, Amy  
**Sent:** Thursday, March 26, 2009 3:24 PM  
**To:** Duffy, Bob  
**Subject:** RE: Article of Interest

hey - just what I sent you the other day. LANL resolved the ID, had it independently validated from within LANL, then LASO validated the closure. However, as we discussed I don't know what that would translate into the IOSC world with closure of the IMI 2.5 - does it close when the immediate issue is closed or all of the actions that came out of the incident are closed....we can chat more tomorrow.

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

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

**From:** Duffy, Bob  
**Sent:** Thursday, March 26, 2009 2:32 PM  
**To:** Whitworth, Amy  
**Subject:** FW: Article of Interest  
**Importance:** High

Amy: Please advise?

---

**From:** Menapace, Diane M. [mailto:dmenapace@doeal.gov]  
**Sent:** Thursday, March 26, 2009 2:25 PM  
**To:** Duffy, Bob  
**Subject:** RE: Article of Interest  
**Importance:** High

Bob,  
I mentioned to my supervisor Russell Kirkpatrick that you were requesting an update on the MC&A incident and he suggested that you contact Amy Whitworth. Amy would have the latest information. Russell is with Doug Fremont today & he said he would discuss it with him.  
Diane

Diane M. Menapace  
Senior Security Specialist  
National Nuclear Security Administration  
Los Alamos Site Office  
Security Management  
Los Alamos, New Mexico  
Phone: 505-665-3229  
Pager: 664-8549

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**From:** Duffy, Bob [mailto:Robert.Duffy@nnsa.doe.gov]

Sent: Thursday, March 26, 2009 9:47 AM  
To: Menapace, Diane M.  
Subject: FW: Article of Interest

Diane: I need to provide an update to the case at 4 EST, 2MT. Thanks

---

From: Saunders, Paul  
Sent: Thursday, March 26, 2009 11:43 AM  
To: NNSA HSO; Hann, Harold L  
Subject: Article of Interest

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From: Peterson, Bradley  
Sent: Thursday, March 26, 2009 7:52 AM  
To: NA-70 Leadership; Whitworth, Amy; Winchell, Donald L; Kirkpatrick, Russell  
Subject: FW: Article of Interest

Article fyi.

DOE Probe Spotlights LANL Security Flaws. The Los Angeles Times  
<<http://www.latimes.com/news/nationworld/nation/la-na-nuke26-2009mar26,0,3038917.story>>  
(3/26, Vartabedian, 833K) reports a DOE probe "has alleviated fears that a significant amount of plutonium was missing from" Los Alamos National Laboratory, "but it has also heightened concerns about flaws in the system for controlling the U.S. stockpile of weapons materials. The investigation began in February, shortly after a routine inventory at [LANL]...found a plutonium shortage estimated at 2.2 pounds, setting off a frantic national effort to determine what happened to the material." The probe "concluded this week that statisticians at the lab had miscalculated the amount of plutonium at its facility and that none was actually missing." Although "the finding eliminates the worst-case scenario -- that the material left the facility and ended up in rogue hands -- it raises doubts about the lab's management at a time of growing concern about nuclear terrorism. Brad Peterson, [DOE's] chief for defense nuclear security, acknowledged in an interview that the closure of the investigation does not clear the laboratory but rather points out deficiencies that must be addressed. 'There are many corrective actions that need to be taken, and we are watching closely,' Peterson said. 'We are very concerned, obviously.'"

## Whitworth, Amy

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**From:** Whitworth, Amy  
**Sent:** Friday, March 27, 2009 8:08 AM  
**To:** Kirkpatrick, Russell  
**Subject:** FW: Article of Interest

FYI - as discussed last night.

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

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

From: Whitworth, Amy  
Sent: Thursday, March 26, 2009 3:24 PM  
To: Duffy, Bob  
Subject: RE: Article of Interest

Hey - just what I sent you the other day. LANL resolved the ID, had it independently validated from within LANL, then LASO validated the closure. However, as we discussed I don't know what that would translate into the IOSC world with closure of the IMI 2.5 - does it close when the immediate issue is closed or all of the actions that came out of the incident are closed....we can chat more tomorrow.

Amy B. Whitworth  
NNSA MC&A Program Manager  
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(202) 586-2505/5324 (phone/fax)  
Room GP-196

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

From: Duffy, Bob  
Sent: Thursday, March 26, 2009 2:32 PM  
To: Whitworth, Amy  
Subject: FW: Article of Interest  
Importance: High

Amy: Please advise?

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From: Menapace, Diane M. [mailto:dmenapace@doeal.gov]  
Sent: Thursday, March 26, 2009 2:25 PM  
To: Duffy, Bob  
Subject: RE: Article of Interest  
Importance: High

Bob,  
mentioned to my supervisor Russell Kirkpatrick that you were requesting an update on the MC&A incident and he suggested that you contact Amy Whitworth. Amy would have the latest

information. Russell is with Doug Fremont today & he said he would discuss it with him.  
Diane

Diane M. Menapace  
Senior Security Specialist  
National Nuclear Security Administration  
Los Alamos Site Office  
Security Management  
Los Alamos, New Mexico  
Phone: 505-665-3229  
Pager: 664-8549

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From: Duffy, Bob [mailto:Robert.Duffy@nnsa.doe.gov]  
Sent: Thursday, March 26, 2009 9:47 AM  
To: Menapace, Diane M.  
Subject: FW: Article of Interest

Diane: I need to provide an update to the case at 4 EST, 2MT. Thanks

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From: Saunders, Paul  
Sent: Thursday, March 26, 2009 11:43 AM  
To: NNSA HSO; Hann, Harold L  
Subject: Article of Interest

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From: Peterson, Bradley  
Sent: Thursday, March 26, 2009 7:52 AM  
To: NA-70 Leadership; Whitworth, Amy; Winchell, Donald L; Kirkpatrick, Russell  
Subject: FW: Article of Interest

Article fyi.

DOE Probe Spotlights LANL Security Flaws. The Los Angeles Times  
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**Whitworth, Amy**

**From:** Whitworth, Amy  
**Sent:** Wednesday, April 01, 2009 9:27 AM  
**To:** (b)(6)  
**Subject:** RE: MC&A LEADER MENTOR PROGRAM

I know I am late in providing feedback - my apologies. I like this idea. My comments below:

I would add a bullet under :

UNDERSTANDS THE MC&A PROGRAM'S ROLE IN THE SECURITY AND OPERATIONS ENVIRONMENT

That may be what you mean by "business" but was not certain.

I am not certain what you mean by professional accreditation - not certain there is a program for this in MC&A. At one time Glenn Podonsky had a professional certification program for MC&A inspectors, but only two were ever certified to my knowledge. They have discontinued the process. The Insititute of Nuclear Materials Management used to have a professional certification program in the 70's/80's, but that was also dropped and few were ever certified. The NTC has a diploma program for MC&A, but I find it close to meaningless as all you have to do is attend their courses and to have everyone attend all the courses would be very costly - although with this new training initiative my office is working on we could facilitate that with our "inteaching." But once again, attending courses should not be a certification in my eyes - that would have a performance evaluation component. The issue with MC&A is that it is very multi-disciplined and no one person can be an expert in all areas (accounting, statistics, engineering, physics, etc.). There is a quasi-analog in the federal world to professional accreditation in MC&A - it is our new Technical Qualifications Program. If you want more information on this I can have

someone send it to you

is anything I can do to help.

anager  
sor  
ate Administrator  
ear Security  
rity Administration  
phone/fax}

Let me know if there

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
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for Defense Nuclear Security  
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(202) 586-2505/5324  
Room GP-196

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ing [mailto:lansing@lanl.gov]  
ch 18, 2009 1:27 PM

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

-----Original Message  
From: Michael A. Lansing  
Sent: Wednesday, March 18, 2009 1:27 PM  
To:  
Cc:  
Subject: MC&A LEADER MENTOR PROGRAM

MENTOR PROGRAM

I've discussed (b)(6) with each of you, one of the key elements to a successful program is ensuring we have the right leadership team in place. We are working to get that team fully on board. As a follow on task, we need to ensure that we have a mechanism that grows and develops that team into strong and competent leaders that ensure superior performance.

Amy...as  
successful LANL MC&A  
are very close to having  
we have a mechanism that  
that ensure sustained

an strategic concept for a mentoring program. I want to stand up that...  
leaders the right mentor to help in professional and personal  
ould appreciate your comments/edits and specific recommendations of  
for our leadership team.

Attached is a straw man...  
provides our MC&A  
development. I want to  
potential mentors

Your help is appreciated and if you want to discuss further, please give me a call... (b)(6)

(b)(6)

**Whitworth, Amy**

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**From:** Whitworth, Amy  
**Sent:** Wednesday, April 08, 2009 8:47 AM  
**To:** (b)(6)  
**Subject:** RE: MC&A Mentoring Program

Looks great (b)(6) - I know (b)(6) is making positive progress already.

Amy B. Whitworth  
NNSA MC&A Program Manager  
Senior Technical Advisor  
Office of the Associate Administrator  
for Defense Nuclear Security  
National Nuclear Security Administration  
(202) 586-2505/5324 (phone/fax)  
Room GP-196

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

**From:** (b)(6)  
**Sent:** Tuesday, April 07, 2009 5:56 PM  
**To:** Whitworth, Amy; (b)(6)  
**Subject:** MC&A Mentoring Program

Amy/ (b)(6)

Attached is a more specific slide set on where I want to take the mentor program. Just FYI at this stage.

(b)(6) ...on your next visit, let's discuss in detail.

Finally, (b)(6) is doing great---already making significant positive impacts on our program.

(b)(6)