

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
CENTERS FOR DISEASE CONTROL  
NATIONAL INSTITUTE FOR OCCUPATIONAL  
SAFETY AND HEALTH

+ + + + +

ADVISORY BOARD ON RADIATION AND  
WORKER HEALTH

+ + + + +

SUBCOMMITTEE ON PROCEDURES REVIEW

+ + + + +

THURSDAY  
JULY 14, 2011

+ + + + +

The Subcommittee convened in the Zurich Room of the Cincinnati Airport Marriott, 2395 Progress Drive, Hebron, Kentucky, at 9:30 a.m., Wanda I. Munn, Chair, presiding.

PRESENT:

WANDA I. MUNN, Chair  
PAUL L. ZIEMER, Member

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

## ALSO PRESENT:

TED KATZ, Designated Federal Official  
ROBERT ANIGSTEIN, SC&A\*  
HANS BEHLING, SC&A\*  
ELIZABETH BRACKETT, ORAU Team\*  
STU HINNEFELD, DCAS  
JENNY LIN, HHS\*  
STEPHEN MARSCHKE, SC&A  
JOHN MAURO, SC&A\*  
TOM NEELY, DCAS  
JIM NETON, DCAS  
STEVE OSTROW, SC&A\*  
YEMI OYEDIRAN, DCAS Contractor  
MUTTY SHARFI, ORAU Team\*  
SCOTT SIEBERT, DCAS\*  
JOHN STIVER, SC&A  
ELYSE THOMAS, ORAU Team\*  
BRANT ULSH, DCAS

\*Participating via telephone

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

## T-A-B-L-E O-F C-O-N-T-E-N-T-S

Welcome and Roll-Call.....	5
Norton Company SEC Petition (residual period)	
SC&A.....	6
NIOSH.....	14
Database update instruction Questions and comments - PER Section Status.....	42
Discussion of Outstanding OTIB-0070 Issues.....	134
Approved 2-Pagers for Online Posting Wanda Munn.....	141
Review of OTIB-0002 Open Items to Confirm all Relevant and are Addressed in Replacement Procedures NIOSH.....	144
TIB-0010 Review all Items after MCNP Runs and Closing-01 NIOSH.....	163
<u>CARRY-OVER ITEMS</u>	
OTIB-0021-04 Response Due on Partial Year Issue NIOSH.....	175
OTIB-0051-01 Check Links Complete on Database NIOSH.....	179
OTIB-0047-02 Status - DB capable yet? NIOSH.....	179

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

www.nealrgross.com

## T-A-B-L-E O-F C-O-N-T-E-N-T-S (Cont'd.)

OTIB-0019 Status - Links complete on DB?	
NIOSH.....	179
OTIB-0013 action status - Rewrite of 3 and 4	
Robert Anigstein.....	181
TIB-0013 action status - Response due on 5	
Brant Ulsh.....	211
OTIB-0052 Rev. 1 Report	
SC&A.....	223
Overarching Issues Tracking Methods Decision/Implementation	
NIOSH.....	252
Status of 14 2-Pagers from Previous Meeting	
Wanda Munn.....	269
Brief Overview of 15 new 2-Pagers...	269
Administrative Detail.....	273
Adjourn.....	276

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 P-R-O-C-E-E-D-I-N-G-S

2 (9:05 a.m.)

3 CHAIR MUNN: I believe that we had  
4 scheduled for 10:00, after our instructions on  
5 the new database, Norton Company SEC for the  
6 residual period. We have Jim Neton here to, I  
7 believe, lead that discussion. And in light  
8 of the fact that he is here and the database  
9 we want to reach is not, we will move forward  
10 that item, if that is amenable with all  
11 present.

12 MR. KATZ: Okay, and let me just  
13 note we didn't do conflict of interests. We  
14 are talking about a specific site. As I am  
15 aware, there are no Board Members conflicted  
16 with Norton, and I believe that is true for  
17 NIOSH, ORAU team, as well as SC&A team. So we  
18 have no conflicts with the individuals  
19 involved with the discussion.

20 DR. NETON: I did just think of  
21 one thing, though. There were some support  
22 people that were going to call in from ORAU,

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 as well as from NIOSH at 10:00.

2 MR. KATZ: Can we get a hold of  
3 them?

4 DR. NETON: If the ORAU folks that  
5 are on the phone, could you maybe get a hold  
6 of Mutty Sharfi?

7 MR. NEELY: Mutty's on.

8 DR. NETON: Oh, he's on? I wasn't  
9 listening. Okay, well he is there. And Chris  
10 Crawford is the only other one from NIOSH that  
11 I was hoping that would be available, but we  
12 could start without. Mutty is important  
13 beyond Chris.

14 MR. KATZ: Okay.

15 DR. NETON: And we can start.

16 CHAIR MUNN: Very good. I believe  
17 that we all have a copy of the material that  
18 was sent to us recently. If not, we will see  
19 if we need it once Jim has addressed the  
20 issues that were raised in that review of the  
21 petition. Do you want to take the lead on  
22 that, Jim?

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 DR. NETON: Well, I think it might  
2 be better if SC&A would just summarize, I  
3 think Hans is on the phone who is the author  
4 of this document, might summarize their  
5 findings. They are fairly brief. And then we  
6 could start the discussion from there.

7 CHAIR MUNN: Are you prepared to  
8 do that, Hans?

9 DR. BEHLING: Yes, I am.

10 CHAIR MUNN: Very, good. Then it  
11 is all yours.

12 DR. BEHLING: Okay, this document  
13 that you may have only received a few days ago  
14 should have been, obviously, forwarded to you  
15 earlier, it was completed much earlier than  
16 you might believe. But through an error on  
17 our part, it was somehow or other not passed  
18 through the proper channels and unfortunately,  
19 you didn't receive it until a few days ago.  
20 So on behalf of SC&A, I do apologize for that.

21 But hopefully everyone has had a  
22 chance to read the document, and it, by and

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 large, identifies two findings. The issue  
2 here is one of how do we reconstruct doses  
3 during the period when there is really no  
4 data. For the Norton Company, there was no  
5 Site Profile and for the reconstruction of  
6 both internal and external dose, NIOSH had  
7 basically proposed to use OTIB-70 as well as  
8 TBD-6000 to reconstruct both internal and  
9 external doses.

10 In my review of the SEC ER I came  
11 to understand what methods and what data were  
12 being used to try to establish both the  
13 internal and external doses. And I think the  
14 focus initially for us was to assess the use  
15 of OTIB-70 in reconstructing the doses during  
16 the time frame when there was no data.

17 And of course, the OTIB-70 is  
18 still a document that has not been properly  
19 resolved. So the initial focus was to really  
20 address the issue regarding the use of OTIB-  
21 70. But in the process, I also came to  
22 something that goes beyond the OTIB-70, and

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 that is the use of air sampling data to  
2 construct the internal exposure as well as  
3 external exposure. And I don't know if  
4 everyone has a copy of the report. I can  
5 possibly follow it page-by-page. If not, I  
6 will try to at least summarize a couple of the  
7 issues here.

8 NIOSH proposes to establish an SEC  
9 Class for the time period of January 1, 1958  
10 through October 1962. And that in itself, I  
11 didn't really talk about that but that in  
12 itself represents something of a paradox  
13 because the data that were used to actually  
14 provide information that would allow the dose  
15 reconstruction to begin during the period of  
16 1962 through the end of 2009 actually was data  
17 that was taken during the time period that is  
18 the SEC time period. And so there is, in  
19 itself, a certain amount of paradox involved  
20 here when you have an SEC Class that starts  
21 with January 1, 1958 and through October 1962  
22 to use that air sampling data that was taken

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 on October 13, 1958 and then say we can't  
2 apply that data for the SEC time period but  
3 then we will actually use that data for the  
4 time period that follows the SEC period.

5 So in itself, that becomes a  
6 paradox. If you have data during the time  
7 period when you say we can't reproduce the  
8 doses and, therefore, declare an SEC Class,  
9 how can you use that as the data taken during  
10 that time period when you say you can't  
11 reconstruct doses and then apply it for a time  
12 period that starts years later in 1962 through  
13 the year 2009. So that in itself is a  
14 paradox.

15 But beyond that, the issue of  
16 finding number one really centers around the  
17 use of air sampling data that were taken on a  
18 single day and involves a very limited number  
19 of air samples and in a very limited number of  
20 locations.

21 As I explained in section four of  
22 my review, not only were the air samples

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 extremely limited when you realize they were  
2 only eight air samples for a building that was  
3 50,000 square feet and if you look at the  
4 actual exhibit that I included in my review  
5 that is Exhibit 1 on page nine, you realize  
6 that these were all taken, generally speaking,  
7 in the same general area at the end of the  
8 hood in the thoria area. There were three  
9 samples there in the processing area at the  
10 bench, et cetera. So there were only really  
11 four locations identified for air samples that  
12 were taken on a single day that defines a  
13 collective area of 50,000 square feet where  
14 potential exposures may have taken place over  
15 a period of many years that define the time  
16 period of 1962 through 2009.

17 So a limited number of air  
18 samples, the restricted air sampling time. I  
19 reviewed the actual original data and realized  
20 that the air sampling, the eight air samples  
21 involved air samples taken for a limited  
22 number of hours. The lowest number of hours

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 was 1.15 hours, and the longest was 11 hours.

2 Even more troubling, to some extent, is the  
3 flow rate of air, which was not really  
4 identified in the air sampling data for that  
5 day, but there were other time periods during  
6 which the flow rates were defined, and they  
7 were, essentially, about 20 liters per minute.

8 And so in my review of it, I  
9 looked at that data and said what is it that  
10 you are really gaining if you are looking only  
11 at a 1.15 hour air sampling time at 20 liters?

12 You are only going to be identifying a total  
13 air volume of about 1.4 cubic meters, and that  
14 is really not enough time to really assess the  
15 air concentration for a variable location  
16 areas over time.

17 The other thing is that I  
18 identified was the fact that these air  
19 sampling data do not really give you enough  
20 information that will allow you, would for  
21 instance be, the counting efficiency was the  
22 MDA values for air sampling, et cetera.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1           So in essence, my real finding or  
2           the first finding was focused on the limited  
3           data, the limited time for air sampling and  
4           flow rates, and the lack of information that  
5           would allow you to say what do these numbers  
6           really represent in terms of the actual  
7           numbers that you would have to have in order  
8           to establish the credibility of the -- naming  
9           the MDA value.

10           The second finding that I  
11           identified was again now the focus of the  
12           request for us to review this to begin with,  
13           and that is the use of OTIB-70. As has been  
14           discussed on many occasions, SC&A has taken  
15           exception to the OTIB-70 values that involve  
16           two issues, two parameters, the resuspension  
17           value of 1E minus six per meter and of course  
18           a depletion rate of one percent per day. And  
19           somehow or other, they have to make sense in a  
20           way where the two values mesh with each other.  
21           You can't have an E minus six resuspension  
22           factor and then still consistently assume that

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 that represents a depletion factor of one  
2 percent per day.

3 So as I identified in my write-up,  
4 yes both for internal and external doses that  
5 were derived by modeling the TBD-6000  
6 approach, we do use, in fact, a factor that  
7 involves the one percent per day for both  
8 internal and external. And as has been  
9 already acknowledged, the use of OTIB-70 in  
10 those two parameters have not been properly  
11 resolved.

12 So to answer the Committee's  
13 question, yes, OTIB-70 has been used or is  
14 used in this particular SEC ER, and we have  
15 not resolved that issue, obviously, to the  
16 satisfaction of everyone concerned. So that  
17 is pretty much my summation of the two  
18 findings.

19 CHAIR MUNN: Any questions? Not  
20 at this time. Jim?

21 DR. NETON: Okay. Everything Hans  
22 said makes a lot of sense, but I think we need

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 to go back and look at what was being  
2 accomplished here in the Evaluation Report for  
3 the Norton facility.

4 The Norton facility has an SEC  
5 Class for all the production period already,  
6 and this particular 83.13 was written to cover  
7 some D&D operations. This is not unlike what  
8 we did, what ended up happening at Linde  
9 Ceramics where the site had been cleaned up  
10 during the D&D period between 1958 and 1962, I  
11 believe, which is when the operator of this  
12 facility went and made a very rigorous attempt  
13 to clean up all of the AEC-related thorium and  
14 dispose of it.

15 And that is well described on page  
16 15 of the Evaluation Report. I won't read it  
17 all. But they did a lot of things like they  
18 cleaned up the debris. The refractory kilns  
19 and furnaces were dismantled brick-by-brick,  
20 transferred to barrels. And all 287 barrels  
21 representing 18 to 20 tons of material were  
22 removed from that building and buried

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1       somewhere offsite or somewhere a far distance  
2       from the original building.

3               We had a situation here where we  
4       could not with any confidence reconstruct the  
5       exposure that occurred during the D&D  
6       operations, but we knew very well that they  
7       had made some very rigorous attempts to clean  
8       it. So that is why this SEC was added and the  
9       Board voted on that at the last meeting and it  
10      is going to be added for that purpose.

11              Now you come to the situation  
12      starting in 1962 where the facility had been  
13      cleaned. Unfortunately though, we have no  
14      surveys that were taken to document how clean  
15      is clean at that time. So what we did to  
16      bound the exposures was to use air samples  
17      that were taken during the operational period  
18      and said it certainly can be no higher than  
19      what was measured during the operational  
20      period. That is somewhat consistent with the  
21      Act that says if you can't distinguish between  
22      the two, you have no way of distinguishing,

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 you just assume that what was there was all  
2 AEC related and that is what we did.

3 So we used the air sample data  
4 that was taken in 1958 as the starting point  
5 for reconstructing or for determining what the  
6 upper bound for the air concentration, keeping  
7 in mind that all we are really trying to  
8 reconstruct is material that had been  
9 resuspended from the floor or from deposition  
10 at that facility, even though we full well  
11 know that it had been very well cleaned.

12 So we felt that these air samples  
13 that Hans reported in his document that were  
14 taken during that operational period were  
15 representative of an upper bound. In fact,  
16 SC&A knows that in the past we have often used  
17 general area air samples that were taken at  
18 the facility to represent the starting point  
19 for the residual period because you are not  
20 really trying to look at what was generated  
21 airborne from the product but what was  
22 resuspended from the floor, the thinking being

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 that general area samples might be more  
2 representative than that.

3 But we didn't have that, so we  
4 took the eight air samples that were taken in  
5 a very confined area it is true, but we are  
6 taking an area that in our opinion represent  
7 the area with the highest potential for  
8 producing airborne activity. I mean, if you  
9 look at some of the stations, it was -- air  
10 samples were taken by the cutting wheel,  
11 thorium-producing area, the thoria area near  
12 the hood itself, so they represent to a large  
13 extent samples taken near the generator, where  
14 the material is generated. I think the fact  
15 that the building is a 50,000 square foot  
16 building is somewhat irrelevant.

17 So we used those to set the  
18 bounding value for the start of the SEC  
19 period. I think it is totally appropriate.  
20 It does provide an upper bound. I think if  
21 one wants to do somewhat of a sort of  
22 reasonableness check on this, if one takes the

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 4.7 dpm per cubic meter, which was the end  
2 result of using those air samples, you end up,  
3 if you assume, and I know this is going to be  
4 somewhat contentious, but assume a sometimes  
5 ten to the minus six resuspension factor, you  
6 end up with a predicted surface contamination  
7 on the floor of about five million dpm per  
8 square meter.

9 I mean, so we clearly know that  
10 the material, the facility is cleaned up to  
11 better to that, I mean, given the nature of  
12 the description of the cleanup activity. We  
13 don't believe that is unreasonable, though  
14 because, again, we can't distinguish between  
15 AEC and commercial operations. And these  
16 commercial operations, I forgot to mention,  
17 continued well into, I think, the early '70s.

18 So they cleaned it up, and then they  
19 immediately started doing commercial  
20 operations again.

21 So that is about all I have to say  
22 about those samples. We can talk a little

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 more but I would like to get the second point,  
2 which was the use of the TIB-70 one percent  
3 per day depletion value and the sometimes ten  
4 to the minus six resuspension factor.

5 We have taken a very close look at  
6 this, and after looking at some of the other  
7 sites where we had empirical data to derive  
8 depletion values, it is now our opinion that  
9 the one percent per day is not appropriate.  
10 It is too fast for the clearance, based on at  
11 least three other sites that we have developed  
12 an exponential clearance using data at the  
13 facility.

14 We looked at Blockson, Dow  
15 Madison, and General Atomics. And in fact, at  
16 the end of the day if one looks at those, on  
17 average the depletion rate that was used for  
18 those was 0.06 percent per day, somewhat more  
19 than a factor of ten lower.

20 So we proposed in moving forward  
21 to modify TIB-70 to use an empirically derived  
22 depletion rate from the three facilities that

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 we have already looked at and adopt that for  
2 situations that make sense, where you have  
3 this uranium sort of sitting around and  
4 clearing over time. So that is going to help  
5 resolve that issue.

6 The second issue though, the one  
7 times ten to the minus six, we feel very  
8 strongly that that still represents, in our  
9 opinion, a reasonable resuspension factor. I  
10 know that SC&A has commented in the past that  
11 the NUREG where we obtained those values was  
12 actually written to be used for what is  
13 considered to be clean facilities. Well, that  
14 may be true, but the data they used were not.

15 In fact, if you look at the values that were  
16 relied upon to develop that one times ten to  
17 the minus six value in NUREG-1720, three of  
18 the five studies that were used were uranium  
19 facilities that were in operation during the  
20 time and were either shut down on the weekend  
21 or were not operating during that period, had  
22 not been cleaned up, and they evaluated those

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 facilities. Those specifically are the  
2 Breslin study, the Eisenbud study, and the  
3 Spangler study. In each of those operations,  
4 he derived for what they call aged  
5 contamination now. It is a little different.

6 Aged contamination means it is just not  
7 freshly deposited, and I submit that that is  
8 more like what we have in our AWEs, in each of  
9 those cases, the resuspension factor was much  
10 less than ten to the minus six. It ranges  
11 from 0.3 to 0.4 times ten to the minus six or  
12 what we consider to be fairly equivalent  
13 uranium operations or very similar operations  
14 to what we observed in our AWE.

15 So because of that, I think that  
16 we still feel that one times ten to the minus  
17 six is appropriate.

18 DR. BEHLING: Jim, can I make a  
19 comment?

20 DR. NETON: Sure.

21 DR. BEHLING: I agree with it. If  
22 you look at page 12 of my report, I will quote

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 to what I wrote. I said in the case of  
2 Norton, the resuspension factor of 1E minus  
3 six per meter seems more appropriate. I agree  
4 with it because of the fact that there was a  
5 concerted effort to clean up, which is not  
6 consistent with 1E minus six resuspension  
7 factor. It is a depletion factor. And you  
8 just mentioned that you also agree with that.

9 So as far as I am concerned, the  
10 issue has been addressed properly.

11 DR. NETON: Well, I think, Hans, I  
12 think for Norton that is true. But more  
13 generically, I think we would still propose to  
14 apply one times ten to the minus six for a  
15 facility that had not been cleaned up. And  
16 our basis for that is looking at the  
17 references that were actually used in NUREG-  
18 1720 to develop the one times ten to the minus  
19 six, and those facilities were not cleaned up.

20 DR. BEHLING: Well, there are also  
21 other documents where E minus four is commonly  
22 observed, especially when there is a lot of

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 activity that may aid in the resuspension such  
2 as, obviously, active ventilation systems,  
3 foot traffic, other activities that would stir  
4 up the contamination levels on floors.

5 I don't know. I am not willing to  
6 concede that E minus six is appropriate for  
7 every location, but I will say at least for  
8 Norton, it appears to be an appropriate value  
9 --

10 DR. NETON: And maybe we should --

11 DR. BEHLING: -- there was that  
12 concerted effort.

13 DR. NETON: Maybe we should focus  
14 on the Norton issue at hand because that needs  
15 to be decided for the next --

16 DR. BEHLING: Yes. And as far as  
17 I am concerned, what you stated here was that,  
18 yes, in order to accommodate the E minus six,  
19 we need to at least modify the depletion  
20 factor of one percent per day. And as you  
21 said, I would agree with that.

22 DR. NETON: In fact, we have gone

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 back and done sort of a back of the envelope  
2 calculation that will formalize where if you  
3 use a one times ten to the minus six  
4 resuspension factor, given the 0.06 percent  
5 per day that we are proposing to use, given  
6 certain building ventilation rates, some  
7 normal parameters, you end up one times to ten  
8 to the minus six is not inconsistent with that  
9 type of a depletion.

10 DR. MAURO: Jim, yes that is  
11 exactly the question I was going to ask. That  
12 is good. That answers my question that they  
13 are in fact coupled. You know, they are  
14 compatible with each other.

15 DR. NETON: Yes, you are never  
16 going to get the exact --

17 DR. MAURO: Sure.

18 DR. NETON: -- solution. But in  
19 general, we pick these approximate values and  
20 run them through. It is not inconsistent with  
21 that at all.

22 DR. MAURO: I would like to say

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 one more thing. The other half of the  
2 question had to do with the air sample that  
3 you use as your starting point. And I think  
4 you, from my perspective, certainly anyone  
5 else could express their opinion, but it  
6 sounded like you made a pretty good case that  
7 the air samples that you used as your starting  
8 point represented fairly high values during  
9 the D&D period. In other words, the samples  
10 that were collected, even though they were  
11 limited in space and time, what I am hearing  
12 is there is a pretty good evidence that they  
13 probably represented fairly high-end values  
14 that were experienced in that large area  
15 during the D&D.

16 That being the case, that coupled  
17 up with the change in the rate of depletion,  
18 in my opinion, sounds like you have hit on the  
19 issues that we were concerned with, at least  
20 for Norton.

21 CHAIR MUNN: Paul, you --

22 MEMBER ZIEMER: Well I was just

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 going to reinforce. I think Jim is right. We  
2 need to focus on this facility because I think  
3 the -- is it TBD -- 70 --

4 DR. NETON: It's TIB-70.

5 MEMBER ZIEMER: -- TIB-70 rather,  
6 that is addressing resuspension generically, I  
7 believe. And, John Mauro, I think in the past  
8 there has been at least one other case where  
9 SC&A has agreed, for a cleaned up facility,  
10 ten to the minus six, at least, was  
11 appropriate.

12 DR. MAURO: Yes. Yes, we have.  
13 And I guess we view this facility --

14 MEMBER ZIEMER: I think on Norton  
15 --

16 DR. MAURO: -- and Hans certainly  
17 could confirm this as one of those where ten  
18 to the minus six will work, as long as the  
19 depletion rate is compatible with that.

20 MEMBER ZIEMER: Right. And since  
21 NIOSH now has a new value, which is more than  
22 the factor of an order of magnitude less, it

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 seems to me that that's resolved. And if SC&A  
2 is willing to agree that air sampling data  
3 taken during the active period around the  
4 active part of the plant certainly is bounding  
5 for the residual period, then it seems to me  
6 that we have addressed the three issues that  
7 are before us on Norton.

8 DR. MAURO: I agree, Dr. Ziemer.  
9 I think that the -- SC&A's position on this is  
10 we -- the issues have been resolved, you know,  
11 in principle, based on this conversation.

12 CHAIR MUNN: So we have no further  
13 comment. Anyone else want to weigh in on  
14 this? Yes, Paul.

15 MEMBER ZIEMER: I don't. We may  
16 need to get the other Work Group or  
17 Subcommittee Members' input, but it seems to  
18 me that we should recommend to the Board that  
19 they accept the NIOSH recommendation. I am  
20 assuming the change in the depletion rate,  
21 Jim, will be incorporated into that.

22 DR. NETON: That raises a question

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 in my mind as to how we need to move forward  
2 with that, whether we need to revise the  
3 Evaluation Report and provide it back to the  
4 Board. Stu, you might have --

5 MR. HINNEFELD: Well, I think we  
6 have to check and see what the current, what  
7 the Evaluation Report says about that. Does  
8 it specifically say --

9 MEMBER ZIEMER: It uses the one  
10 percent per day.

11 MR. HINNEFELD: Okay.

12 DR. NETON: The only change would  
13 be --

14 MR. HINNEFELD: Yes, we need to  
15 revise it. We will need to revise that in  
16 addition to whatever Site Profile or guidance  
17 we have for doing the dose reconstruction.

18 DR. NETON: Yes, it is just not  
19 clear in my mind whether it would be a  
20 revision or an addendum. I kind of get  
21 confused.

22 MR. HINNEFELD: Well, we will talk

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 to OGC about what specifically. It sounds  
2 like a revision to me.

3 DR. NETON: But I think that we  
4 are going to agree to provide that revision to  
5 the Board for the August meeting. Is that  
6 correct?

7 MR. HINNEFELD: Well, I --

8 DR. NETON: It shouldn't take much  
9 time.

10 MR. HINNEFELD: It shouldn't take  
11 much time, no.

12 DR. NETON: It's a paragraph or  
13 two to change.

14 CHAIR MUNN: So you are going to  
15 change the one percent item in --

16 DR. NETON: Yes, we are going to  
17 adopt a new depletion rate that I just  
18 proposed.

19 CHAIR MUNN: That will be a NISOH  
20 action item for our next meeting.

21 DR. NETON: Well it will be for  
22 the Board meeting.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 CHAIR MUNN: For the Board  
2 meeting.

3 MR. KATZ: We have scheduled for  
4 the August Board meeting you reporting out for  
5 the Subcommittee on Norton ER.

6 CHAIR MUNN: And, Ted, you will  
7 report this to our two missing Subcommittee  
8 Members and --

9 MR. KATZ: Right. Well, it is a  
10 bit of an issue, I think. We are in session  
11 and actually there is just two Members here.  
12 And it is a Subcommittee; it is not a Work  
13 Group. Work Groups are informal. But this is  
14 a Subcommittee, and so I believe there is a  
15 quorum issue. Right? If you have half  
16 membership. Paul, you know Robert's Rules.

17 MEMBER ZIEMER: Is it a four-  
18 person --

19 MR. KATZ: Yes, it is Mike Gibson  
20 is on this. Well, you have Bob Presley is an  
21 alternate.

22 MEMBER ZIEMER: Well, my

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 suggestion would be that you simply report --

2 MR. KATZ: And you have Dick Lemen

3 --

4 MEMBER ZIEMER: -- what we did and  
5 indicate that those present supported it.

6 MR. KATZ: Right. Right, so it  
7 won't be a formal recommendation, I think,  
8 since you don't have a quorum. But you can  
9 report out the discussion that was had and the  
10 results of that discussion.

11 MEMBER ZIEMER: And indicate that  
12 there is agreement between NIOSH and the  
13 Board's contractor on these technical issues.

14 MR. KATZ: Right. That will do  
15 it.

16 DR. NETON: And then at that time  
17 the Board will take up the revised ER.

18 MR. KATZ: Right. And really, the  
19 Subcommittee then doesn't need to weigh in  
20 further, but the missing Members can weigh in  
21 with the rest of the Board on the matter.

22 CHAIR MUNN: And NIOSH will have

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 the proposed language for the new ER.

2 DR. NETON: It will be completely  
3 -- it will be revised and reissued as early as  
4 possible before the meeting.

5 CHAIR MUNN: All right.

6 MR. MARSCHKE: Wanda?

7 CHAIR MUNN: Yes.

8 MR. MARSCHKE: Just as an  
9 administrative type of thing, I don't -- I  
10 think you are going to have to track these  
11 three issues by hand. I do not think the  
12 database is set up to track ER reviews.

13 So you are going to have to do --

14 MR. KATZ: It is not necessary in  
15 this case, Steve.

16 MR. MARSCHKE: Okay. I just  
17 wanted to make sure that -- you know, don't  
18 expect it.

19 MR. KATZ: Yes.

20 MR. MARSCHKE: We are not going to  
21 be able to --

22 MR. KATZ: No, that's fine, Steve.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 You know for the Procedures, that is one  
2 thing, but for -- this is an SEC, basically,  
3 that this Subcommittee has taken up --

4 MR. MARSCHKE: Right.

5 MR. KATZ: -- just as a Work Group  
6 might take up an SEC.

7 CHAIR MUNN: The timing also is  
8 such that since this is an immediate issue  
9 that will come before the Board, hopefully  
10 there will not be any outstanding issue  
11 following the Board's discussion and activity.

12 So we will bring that to the Board  
13 in Richland in August. And Ted will see to it  
14 that it gets on the --

15 MR. KATZ: And it is on the  
16 agenda.

17 CHAIR MUNN: Good.

18 MR. KATZ: It is on the agenda  
19 already.

20 CHAIR MUNN: How are we doing with  
21 our database? Are we up and running?

22 MR. HINNEFELD: CITGO is not

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 opening yet.

2 MR. MARSCHKE: I'm on CITGO. I'm  
3 in there.

4 (Simultaneous speaking.)

5 CHAIR MUNN: Well as long as the  
6 one we have is --

7 MR. MARSCHKE: I'm in the database  
8 right now.

9 CHAIR MUNN: Oh, this is very  
10 good.

11 MR. MARSCHKE: I don't know what  
12 is the matter with you guys.

13 CHAIR MUNN: Let's hold just a  
14 moment and see if we are successful in doing  
15 that. Let's see.

16 (Simultaneous speaking.)

17 MR. KATZ: Well, done. Proud  
18 moment.

19 CHAIR MUNN: Let's hold just a  
20 moment to see if any of the rest of us are  
21 able to get in there.

22 MR. KATZ: Well, Jim, does there

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealgross.com](http://www.nealgross.com)

1 need to be more discussion though about the  
2 generic OTIB-70 matters?

3 DR. NETON: Well, there does, but  
4 that will come later. I think what I put on  
5 the table is that we are holding firm, I  
6 think, with our position that one times ten to  
7 the minus six is representative. I think we  
8 probably need to put that in writing, rather  
9 than just throw it out there.

10 We looked at NUREG-1720, and we  
11 believe that it supports our use of that  
12 value.

13 MR. KATZ: So you will be putting  
14 --

15 DR. NETON: We will be putting a  
16 --

17 MR. KATZ: You will be revising  
18 OTIB-70 or a White Paper or what?

19 DR. NETON: Well the one times ten  
20 to the minus six is not different. It would  
21 just be a defense of the use of that value.  
22 But TIB-70 will be revised to incorporate the

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 change of one percent per day depletion rate  
2 to this new value that I proposed. I suspect  
3 we will write that up in one document.

4 MR. MARSCHKE: I believe there is  
5 issues on OTIB-70 and there will probably be a  
6 response to one of the issues.

7 DR. NETON: Well there's only two  
8 outstanding issues that I am aware of. One is  
9 the TIB-70, one percent per day, and the  
10 other one is one times ten to the minus six.

11 MR. MARSCHKE: So as a response to  
12 the second issue, you can issue that paper.  
13 We can attach it to the database.

14 MR. KATZ: Right, and SC&A can  
15 respond to it.

16 MR. MARSCHKE: We can respond to  
17 it. And then, you know, butt heads.

18 CHAIR MUNN: This was what I was  
19 hoping we could do. I was hoping we could get  
20 into the database and take a look at what  
21 OTIB-70 had there before you ran away. But we  
22 don't need to do that. I think we have

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 resolved what we really need --

2 DR. NETON: The ball is in our  
3 court to draft a -- I guess I will call it a  
4 White Paper on the outstanding TIB-70 issues  
5 that I am pretty sure are a path to those two  
6 papers.

7 DR. MAURO: This is John. I would  
8 like to just point out that I think we are  
9 converging nicely. I think the one percent  
10 per day issue has now been resolved. The  
11 other issue is ten to the minus six.

12 I think that what we are hearing  
13 is that there is more nuance to it. That is,  
14 as Hans pointed out, we could certainly could  
15 point to data where resuspension factors of  
16 ten to the minus three are observed in some  
17 settings and ten to the minus six, and our  
18 original position was well that is certainly  
19 appropriate for a site that is cleaned up.

20 And what Jim points out now is  
21 that well, it may be more than that. The  
22 place may still be a little contaminated or

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 somewhat contaminated but it is aged. And as  
2 a result, what Jim is saying is you don't  
3 really see ten to the minus four or ten to the  
4 minus three under those circumstances. Ten to  
5 the minus six might work there also.

6 And I think that, Jim, when you  
7 put your response out on this matter, the  
8 second issue related to OTIB-70, you know, if  
9 approved by the Subcommittee, we will take a  
10 look at that and dive a little more deeply  
11 into the original work, the work that you had  
12 cited, Eisenbud and the other names.

13 DR. NETON: Breslin.

14 DR. MAURO: Yes, and we will take  
15 a look at that. And it may be -- I am  
16 optimistic that we could converge on a place  
17 where we are all comfortable with the approach  
18 to resuspension factors.

19 DR. NETON: Yes, well I am  
20 starting to come to the conclusion now that we  
21 need to start talking about effective  
22 resuspension rates. I don't deny that if

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 you're sweeping, broom sweeping in an area  
2 that is highly contaminated, you are not going  
3 to get ten to the minus three, ten to the  
4 minus four. But the effective resuspension  
5 rate I think is about ten to the minus six is  
6 about right, given what I have looked at in  
7 those references.

8 DR. MAURO: When you say  
9 effective, are you referring to breathing zone  
10 five micron? In other words, the concern is  
11 not with the total mass loading but with the  
12 mass loading that is over a protracted period  
13 of time and of a particle size that is within  
14 the breathing zone, within five microns?

15 DR. NETON: I am actually kind of  
16 thinking about more like -- more as if this  
17 was sort of a time weighted value. In effect,  
18 you know, you don't have people broom sweeping  
19 an entire ship where you could have ten to the  
20 minus three the whole day.

21 DR. MAURO: You know, when you put  
22 your response together where, you know, it

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 certainly is a reasonable thing to look into  
2 and, if approved by the Subcommittee, we will  
3 take a look at that when it is issued.

4 DR. BEHLING: Just to comment in  
5 context with what both John and Jim Neton just  
6 talked about, I would like to go back and look  
7 at, for NIOSH to look back at the table that I  
8 believe you cited and I cited as Exhibit 9 in  
9 my write-up, which gives you a whole range of  
10 resuspension factors. And I am looking at my  
11 own write-up here, as defined in Exhibit 9.  
12 And when you have things and you already  
13 mentioned it, vigorous sweeping, walking,  
14 changing, fan only, machining, stacking  
15 sheets, and other activities, there are in  
16 fact reported resuspension values of ten to  
17 the minus three and then a whole range of ten  
18 to the minus four and ten to the minus five.

19 And so there are various values  
20 documented in the scientific literature  
21 inclusive of the one citation that NIOSH used,  
22 the Stewart 1967 or is it '64, which has

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 resuspension values for a facility that is  
2 still operational that certainly is well above  
3 the E minus six value.

4 So anyway, I would still have some  
5 reservations about the universal value of E  
6 minus six.

7 DR. NETON: Well we will write it  
8 up and discuss from there.

9 CHAIR MUNN: Any other thoughts?  
10 If not, we will let Jim go and we will move  
11 backward to our originally scheduled  
12 instruction on database, now that Citrix seems  
13 to be operating for us, we will see whether  
14 everybody can get to our tracking system.

15 They are having distributed to us  
16 here some basic instructions, which are very  
17 helpful for folks who are not on a daily or  
18 weekly basis interacting with this database.

19 And I am going to let the experts  
20 who are going to lead us through this take the  
21 discussion from here. And do we need to start  
22 with these instructions? It looks like we do.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 DR. ULSH: Well, I will just key  
2 it up just a little bit.

3 CHAIR MUNN: All right. Thank  
4 you.

5 DR. ULSH: We have been working on  
6 this database for quite some time, and I think  
7 we are at a point now where kind of the first  
8 major iteration is done. There are still some  
9 tweaks to be made, things that we would like  
10 to be able to do that we are not quite sure if  
11 we know how to do it yet. And that is why  
12 Yemi is here. He is the developer of the  
13 system.

14 Elyse is on the line. I'm here.  
15 Steve Marschke is here. We are the main  
16 people who troll around in this thing.

17 So I think what I would like to do  
18 maybe is let Yemi goes through these  
19 instructions that he just handed out. And  
20 Elyse and Steve and I, maybe if you want to  
21 bring up things that we would like to be able  
22 to do but we are not quite sure if we are

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1       there yet, you can bring those up.   And we  
2       will just drive around a little bit, kind of  
3       get a test drive.

4                   CHAIR MUNN:   Thank you very much.

5       And, Yemi, you want to introduce yourself to  
6       us?  You are new to me.  I don't know you.

7                   MR. OYEDIRAN:   Well good morning,  
8       everyone.  My name is Yemi Oyediran.  I have  
9       been working on this application for some  
10      time, and I am ready to walk you guys through  
11      the usage of this application.

12                   For the record, the term web-based  
13      application or application is more precise,  
14      just to be pedantic, than database.  Just to  
15      assist everyone.

16                   MR. HINNEFELD:   See, now only the  
17      computer people care about that.

18                   (Laughter.)

19                   MR. HINNEFELD:   I will instruct  
20      them not to be offended when we continue to  
21      refer to it as a database.

22                   CHAIR MUNN:   Please do not be

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1       offended.

2                   MR. OYEDIRAN:     Oh, I'm not.     I  
3       just wanted to break off some education.  
4       that's all.

5                   CHAIR MUNN:     You see, we put it  
6       together as a database.

7                   MR. OYEDIRAN:     I'm just very  
8       pedantic.

9                   CHAIR MUNN:     This is fine, as it  
10      should be.    And thank you very much.    And it  
11      is wonderful to be able to put a face and a  
12      personality behind all of the mystery that has  
13      been going on.

14                  MEMBER ZIEMER:    How do you spell  
15      Yemi?

16                  MR. OYEDIRAN:    Y-E-M-I is how you  
17      spell my name.   I'm world famous.

18                  CHAIR MUNN:     Or will be soon.

19                  (Laughter.)

20                  CHAIR MUNN:     Right on cue.

21                  MR. OYEDIRAN:    Before we proceed,  
22      the first thing I want to bring as a point for

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 everyone to catch is that this application is  
2 not very well viewed in what is called  
3 compatibility view. And it is the view that  
4 Microsoft created for Internet Explorer  
5 browser to allow web-based applications to be  
6 viewed with standards that were previously --  
7 that work on previous versions of the  
8 application.

9 So the first thing I always  
10 recommend people to do is to first click here,  
11 which turns on and off or toggles the  
12 compatibility view on and off.

13 CHAIR MUNN: Where are we? Let's  
14 start from where most of us novices --

15 DR. ULSH: The way you are going  
16 to get there is go into the --

17 CHAIR MUNN: Start from the --

18 DR. ULSH: -- staff tool login.

19 MR. OYEDIRAN: And my instruction  
20 back to -- we will just start with the  
21 instructions and I will take you there.

22 So using the Start Menu, you want

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 to open up the Internet Explorer browser,  
2 using the icon that is located generally on  
3 the top left-hand side of the menu. I will  
4 get confirmation.

5 (Simultaneous speaking.)

6 Okay now is everyone familiar with  
7 how to navigate to staff tools?

8 MR. KATZ: Then you might want to  
9 save it as your favorite.

10 MR. HINNEFELD: Yes, once the  
11 screen comes up, click favorites and save and  
12 it will show on the favorites list.

13 MR. KATZ: Yes.

14 CHAIR MUNN: Okay. The screen  
15 comes up that tells me you're on sacred  
16 ground, and you say okay, I know that. Then  
17 we can get -- now that is interesting because  
18 I have -- that is not what I just looked at.

19 MR. MARSCHKE: I know they changed  
20 it on us on the tools menu, it used to be --  
21 the other thing is further up.

22 CHAIR MUNN: Yes.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 MR. MARSCHKE: The document --

2 MR. HINNEFELD: -- document  
3 tracking because we were going to build this -  
4 - document tracking. We abandoned that and  
5 built our own application.

6 MR. MARSCHKE: So that is still  
7 there, so a lot of people are still clicking  
8 on that.

9 MR. OYEDIRAN: We have built  
10 something very special for you and you alone,  
11 Dr. Munn.

12 Are we ready to proceed?

13 CHAIR MUNN: I believe. Is  
14 everybody now at the same point that we have  
15 gotten to a screen that says Board Review  
16 System?

17 MR. OYEDIRAN: I will assume that  
18 is a yes.

19 CHAIR MUNN: And the next heading  
20 is Documents Under Board Review.

21 MR. OYEDIRAN: So as you see, the  
22 first thing that it brings you up to is to

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 what I am referring to as the document list.  
2 And it brings up the, in the document list,  
3 this document list is by default everything  
4 that deals with this particular Subcommittee,  
5 Procedures Review. We will go through how we  
6 can navigate through other Subcommittees if  
7 you would like.

8 But in the document list, it can  
9 be ordered by title, number, and findings by  
10 clicking on the column headers. So these  
11 column headers give you the ability to be able  
12 to re-order. If you wanted to navigate by  
13 document title, it will give you an  
14 alphabetical order.

15 CHAIR MUNN: So if we click on  
16 document title, we get alphabetical.

17 MR. OYEDIRAN: Correct.

18 CHAIR MUNN: And if we click --

19 MR. OYEDIRAN: Document number --

20 CHAIR MUNN: -- document number,  
21 which is the way we were tracking it in the  
22 original.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   MR. OYEDIRAN:    It will order the  
2                   document list for you by document number, by  
3                   total findings, and also by total active  
4                   findings.

5                   CHAIR MUNN:    -- by document number  
6                   and it gives me the same order that I had in  
7                   previous times, except that OCAS has changed  
8                   to DCAS.    Trying to stay correct in all  
9                   matters is not easy.

10                  MR. MARSCHKE:   If you click on it  
11                  once, you get from, well the numbered ones,  
12                  the findings, the total findings.    If you  
13                  click on it once you get from low to high.

14                  MR. OYEDIRAN:        It will be  
15                  ascending and then if you click on it twice,  
16                  it will be descending.

17                  CHAIR MUNN:    Okay.

18                  MR. MARSCHKE:    I find that useful.

19                  CHAIR MUNN:        Yes, I'm sure one  
20                  could.    So --

21                  MR. OYEDIRAN:        I am here to be  
22                  useful.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   CHAIR MUNN:    You are already very  
2    useful.  Thank you, Yemi.

3                   MR. OYEDIRAN:       Thank you, Dr.  
4    Munn.

5                   CHAIR MUNN:       So I will let you  
6    proceed.  Yes.

7                   MR. OYEDIRAN:       Okay.  Thank you so  
8    much.

9                   So as you see the documents can  
10   also be manipulated by using the two filters  
11   located at the top of the document list.  And  
12   at that top of the document list, you will see  
13   the Work Group filter located in the top left-  
14   hand side of the list.  This Work Group filter  
15   allows for the document list to display  
16   documents that are associated with a  
17   particular Work Group.  Right now, it defaults  
18   to our current Work Group, but the Work Group  
19   filter can allow you to filter by other Work  
20   Groups.  If you choose another Work Group, it  
21   will be empty.

22                   CHAIR MUNN:       That is going to be

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 very helpful down the road. Thank you.

2 MR. OYEDIRAN: It will. To the  
3 right of that, you will see that I have a  
4 document type filter.

5 CHAIR MUNN: Yes.

6 MR. OYEDIRAN: And it allows for  
7 the document list to display documents that  
8 meet a type criteria that you have selected.

9 I keep forgetting this is  
10 interactive. So here is the Work Group  
11 filter, and here is the document filter. So  
12 you have Technical Basis Documents. I'll  
13 choose one, for instance.

14 CHAIR MUNN: Will the OTIBs be  
15 listed under -- as well?

16 MR. OYEDIRAN: Yes.

17 CHAIR MUNN: I just want to make  
18 sure, since we have problems with that  
19 sometimes in our original set-up.

20 MR. OYEDIRAN: Okay. And --

21 CHAIR MUNN: I see one thing  
22 missing.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 MR. OYEDIRAN: Ma'am?

2 CHAIR MUNN: That is a request  
3 that we had made previously. I don't see a  
4 filter for date. In the past, the report that  
5 we have made to the Secretary has been based  
6 on groups that we have received in lots  
7 essentially, so that we sort of kept track of  
8 how well we had done from one group of  
9 procedures to another, based on when we got  
10 them.

11 We won't use that very frequently,  
12 but we have asked, as we were putting this  
13 together, that we not lose that ability to  
14 track by date of receipt.

15 DR. ULSH: Are you talking date of  
16 the actual procedure or the date of the --

17 CHAIR MUNN: No, we are talking  
18 about --

19 MR. HINNEFELD: The date of the  
20 SC&A review, the document that includes the  
21 review of that procedure. The SC&A procedure  
22 -- come over in a series of large reports,

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealgross.com](http://www.nealgross.com)

1 that include each one complete and includes  
2 very many procedures in it. And so you take  
3 the date of that report and you put that in  
4 that field for the procedures that are listed  
5 in that report.

6 MR. MARSCHKE: You cannot really  
7 do that on this screen because this screen is  
8 a document-driven screen, as opposed to an  
9 issues-driven screen.

10 Some documents, for example, IG-1  
11 I believe, have been reviewed by SC&A twice.  
12 We have reviewed I think Rev. 2 and Rev. 3 of  
13 those documents. So there would be two dates  
14 associated with IG-1, for example.

15 Now the issues themselves, you  
16 could be able to do a sort. Eventually when  
17 we get to the point -- right now the database,  
18 as I understand it, is not set up to generate  
19 reports. When we get to the point where we  
20 are generating reports, that could be one of  
21 the things that we could be looking for a  
22 report that covers issues that were generated

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 between certain time periods.

2 CHAIR MUNN: Now the dates that we  
3 have been using in the past have been dates  
4 when that particular item was assigned to this  
5 Subcommittee for work. Our first documents  
6 were assigned to us in two different lots.  
7 And then we had some miscellaneous ones in-  
8 between. And then there were a third group.

9 So we had been tracking, on  
10 occasion, by that criterion, that is to say,  
11 when we received it, because it gives us a  
12 feel for the amount of time that we can report  
13 out, do our final closure of these specific  
14 items.

15 Of course, each finding is going  
16 to -- may be an entirely different thing, but  
17 what we are looking at is from the time we get  
18 it, how long does it take us to wrap up the  
19 entire issue, not just an individual finding.

20 So we have -- I will be glad to  
21 get back to you with -- we had Group 1, Group  
22 2, some miscellaneous and Group 3 items that

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 we were working on. Some of those have been  
2 completely closed out now. And I can see that  
3 this is, as we now operate, we think -- we  
4 don't get these things in groups so  
5 frequently, although as an example we will be  
6 -- we received the PERs that we are getting  
7 and the two-pagers that we are getting from  
8 SC&A, we are having those assigned to us in  
9 blocks as well.

10 And it's -- I guess this is  
11 something which if it is going to be  
12 impossible for us to do, then it's impossible  
13 for us to do. From my point of view, trying  
14 to keep track of when we got things and how  
15 well we are doing, it has been useful in the  
16 past.

17 So if it is something that we can  
18 do, fine. If we can't, then -- if you go back  
19 to the old, excuse me, database, you will be  
20 able to look at it and see that there is a  
21 period during a given year when we received,  
22 we started to work on 20 items. And that is

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 the kind of categorization that I am talking  
2 about. It doesn't matter to anybody anytime  
3 except pretty much to me when I start to  
4 report to those in power over us.

5 Paul?

6 MEMBER ZIEMER: Well under the  
7 search part up there in the corner, do we have  
8 the ability to search the date that we  
9 received the SC&A review?

10 MR. OYEDIRAN: Currently that was  
11 not a requested feature.

12 MEMBER ZIEMER: What are the  
13 features of search? What is it looking for,  
14 key words?

15 MR. OYEDIRAN: We will get into  
16 that.

17 MEMBER ZIEMER: Oh, okay. I'm  
18 getting ahead. I was just thinking if you  
19 could search for a date, the date of the SC&A  
20 report, then you can say okay, or maybe all  
21 reports received up to a date or something  
22 like that, then you could do that without

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 having a new field or something.

2 CHAIR MUNN: Well, I'm sorry. I  
3 have thrown a monkey wrench in Yemi's  
4 presentation. I didn't mean to do that.

5 MR. MARSCHKE: I think you can do,  
6 Wanda, I think you can do what you want to do  
7 and get the information you need for your  
8 report. I just don't think you can get it on  
9 this particular screen.

10 CHAIR MUNN: Okay. Let's just  
11 keep going with the hard work that has been  
12 done up to this point. And I will try not to  
13 interrupt you again.

14 MR. OYEDIRAN: Oh, no. Feel free.  
15 I am here for you. So whatever questions at  
16 whatever time you want to ask them.

17 CHAIR MUNN: All right.

18 MR. OYEDIRAN: So after the  
19 document type filter, to the right of that,  
20 you will see that there is a clear button,  
21 which allows you to clear out those filters  
22 and set them back to their initial states.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1           If you scroll down to the bottom  
2 of the screen, you will see that there -- to  
3 the bottom of the document list, you will see  
4 that there is a sequence of numbers that allow  
5 for pagination of the document list. So we  
6 are currently on page one. We can navigate to  
7 page two.

8           CHAIR MUNN: All right now, let me  
9 ask you something before we leave the filters  
10 issue.

11           MR. OYEDIRAN: Okay.

12           CHAIR MUNN: If I ask for reports,  
13 what kind of reports am I going to get? I  
14 just click and find out.

15           MR. OYEDIRAN: The reports  
16 functionality is currently -- we are currently  
17 awaiting to proceed on working on the reports,  
18 once SC&A has given us the go ahead to  
19 continue. We are kind of going through first  
20 just kind of managing the documents and kind  
21 of the crux of the application before we move  
22 on to the document -- to the reports portion.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 DR. ULSH: I think we're talking  
2 about different things. If you click on  
3 document filter type, the dropdown --

4 CHAIR MUNN: See, I understand  
5 TBDs, TIBs, forms, Implementation Guides,  
6 policies, procedures, but I don't understand  
7 what reports --

8 MR. MARSCHKE: RP, RPRT, like  
9 Report 44, we reviewed Report 44.

10 CHAIR MUNN: Okay, thanks.

11 DR. ULSH: Yes, we have got two  
12 different definitions of report floating  
13 around here.

14 What Wanda, I think, is asking  
15 about is the type of document that we have  
16 already generated, kind of like a TIB but now  
17 this is a different type. It is called an  
18 RPT, I think.

19 CHAIR MUNN: Right. It would help  
20 me if that said RPT rather than report.  
21 Because the heading of the entire list is  
22 reports. And if under reports we have another

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 item that says reports, this simplistic mind  
2 says what kind of reports. RPTs would be --  
3 just as we have say TIBs. That would be  
4 helpful in addition.

5 MR. HINNEFELD: Well if we made it  
6 again, this TIB, what we would just do is put  
7 in parenthesis after report --

8 (Simultaneous speaking.)

9 MR. HINNEFELD: If you just put on  
10 this menu here, after the word report, if you  
11 just put in parenthesis RPRT. I think most of  
12 them are RPRT.

13 MR. MARSCHKE: It's both. OCAS is  
14 RPT, ORAU is RPRT.

15 MR. HINNEFELD: Okay.

16 MR. MARSCHKE: So you might want  
17 to put RPT comma RPRT.

18 CHAIR MUNN: Yes.

19 MR. HINNEFELD: Just put in there  
20 the way you had these parentheticals up here.

21 MR. OYEDIRAN: Okay.

22 MR. HINNEFELD: Just put it in

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1       there like that and that will, I think --

2                   CHAIR MUNN:   Thank you.

3                   MR. OYEDIRAN:   Is there anything  
4       else you see on the filters that is not clear?

5                   CHAIR MUNN:   No, but I haven't  
6       worked with them yet.

7                   (Laughter.)

8                   CHAIR MUNN:   Thank you.

9                   MR. OYEDIRAN:   Oh, no problem.

10                   So with the pagination, one thing  
11       that is interesting about the pagination is  
12       that whatever filter that you applied to, we  
13       decided to go by alphabetical order, and you  
14       continue to paginate, it will keep your  
15       alphabetical order as you move on.

16                   One thing I wanted to bring to  
17       you, I want to move on to viewing the  
18       document, if that is okay.

19                   CHAIR MUNN:   Yes.

20                   MR. MARSCHKE:   You didn't talk  
21       about the search capability.

22                   MR. OYEDIRAN:   I won't get to that

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 quite yet. Search capability is on all the  
2 pages, and it is the last thing to touch on.

3 MR. MARSCHKE: Okay.

4 MR. OYEDIRAN: To be able to view  
5 the document information, there are two issues  
6 I wanted to bring up. First when you click on  
7 that plus, it gives you what Subcommittee, the  
8 document that you are discussing is currently  
9 involved is what it is currently referring to.

10 So in this case, it is the  
11 Subcommittee on Procedures Review. To be able  
12 to view the rest of the information about the  
13 document, you just click anywhere in this row,  
14 and it will take you to this page, which is  
15 where the document, in essence, lives.

16 To view the actual documents, what  
17 you need to do is you come to the title, and  
18 it will display the actual document in a pop-  
19 up screen, individually. And here is the  
20 document of which we are referring to.

21 So there is a PDF icon. Do you  
22 see the red PDF icon?

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 CHAIR MUNN: Yes.

2 MR. OYEDIRAN: To the right of the  
3 icon, you will see the title of the document.

4 (Simultaneous speaking.)

5 If it looks a little odd, it is  
6 because you are in compatibility view. And to  
7 the right of the address bar on the  
8 application, just click right there. It will  
9 be over here where my mouse is on the screen.

10 Clicking that button will normalize your page  
11 for you.

12 CHAIR MUNN: So there is the  
13 magic, the document is there.

14 (Simultaneous speaking.)

15 MR. OYEDIRAN: Hit enter, please,  
16 sir.

17 CHAIR MUNN: Oh, that is going to  
18 be so helpful.

19 MEMBER ZIEMER: Got you. Okay.

20 CHAIR MUNN: I have literally  
21 spent hours searching for a document.

22 MR. HINNEFELD: If you have

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 reviewed it, it is there now.

2 MR. OYEDIRAN: It will be right  
3 there for you.

4 CHAIR MUNN: Thank you.

5 MR. OYEDIRAN: Oh, no problem. So  
6 that is how you will view the document.

7 To view the finding, as you see,  
8 it will have a list of findings that are there  
9 for you to see below the document title. In  
10 the message area, the blue icon represents the  
11 user who initiated the finding with her name  
12 below it. Also as a quick note, findings are  
13 also displayed in the order of which they came  
14 in.

15 To the right of that name, you  
16 will see the title, date, and the finding  
17 details which will appear in this comments  
18 bubble. So we have a comment bubble, and we  
19 have a user. We kind of wanted to set up this  
20 up similar to forms you might see on other  
21 websites.

22 To be able to -- I apologize. To

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 view the current status of the finding, it  
2 will be up here on the bottom right-hand  
3 corner. So in my example here, you see that  
4 it is in abeyance, which has a blue dot by it.

5 If I scroll down further, you have another  
6 one that the status is closed, which has red.

7 Each status has a different color dot to help  
8 you specify that.

9 CHAIR MUNN: Oh, that is helpful,  
10 too. Thank you very much.

11 MR. OYEDIRAN: Oh, no problem.

12 CHAIR MUNN: I love those red  
13 buttons.

14 MR. OYEDIRAN: Now to view the  
15 actual responses, click on the blue plus sign,  
16 which is going to be on the bottom left-hand  
17 corner of the message area. And you will see  
18 some animation, which will bring down the  
19 responses that you see from the application.

20 The responses will appear with the  
21 corresponding user's name in the top left-hand  
22 side of the response. So in this example, you

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 will see the unspecified OCAS, OD user. Also,  
2 as a note to also bring up, every response has  
3 a different color based on its response type.

4 So there is a highlighted area around here.  
5 We have a blue highlighted area. Here we have  
6 something that is a little bit more gold.  
7 This lets you know that you have a different  
8 response type for each one of these response.

9 It is just to give a little difference just  
10 for viewability.

11 Now this is where the general  
12 based information kind of stops. There are  
13 some -- for certain users with certain  
14 permissions, they have ability, as you can see  
15 in this example, to edit a status, edit a  
16 response. They are given extra -- add a  
17 finding is another one that some of you might  
18 see on your screen, and some of you might not  
19 see. These are given to particular users that  
20 have been given the permissions to be able to  
21 do some of these things. Your standard users  
22 -- and we are not going to cover what those

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 things are since it doesn't cover all of our  
2 users. But I am just bringing that up to let  
3 you know when you see this on my screen, this  
4 is really given to Brant, who has those  
5 permissions.

6 DR. ULSH: Steve and Elyse should  
7 have those permissions.

8 MR. OYEDIRAN: They do have those  
9 permissions.

10 (Simultaneous speaking.)

11 MR. OYEDIRAN: John has those  
12 permissions.

13 CHAIR MUNN: Okay, if I say add  
14 finding here, it's going to tell me that I can  
15 or can't?

16 MR. MARSCHKE: Add findings is up  
17 on some of the wrong screens.

18 MEMBER ZIEMER: The coveted add  
19 finding status.

20 CHAIR MUNN: I just want to see --  
21 I'm sorry.

22 MEMBER ZIEMER: Well we are taking

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 your status away then.

2 CHAIR MUNN: Thank you very much.

3 I guess I can go home now.

4 MR. OYEDIRAN: You do have these  
5 permissions.

6 CHAIR MUNN: Yes, I understand. I  
7 just wanted to see if it told me.

8 MR. OYEDIRAN: She is the chair.

9 CHAIR MUNN: I wanted to see if it  
10 told me that other people --

11 (Simultaneous speaking.)

12 MR. HINNEFELD: I believe I was  
13 involved in the discussion from the very start  
14 of permission and I believe that we decided,  
15 we being, I think, Tom James and me, or I  
16 decided and I told Tom that let's give the  
17 permissions to the chairman.

18 CHAIR MUNN: Yes.

19 MR. HINNEFELD: Wanda, did you  
20 hear me? I said let's give the -- well we  
21 picked out several people. I think I have got  
22 these permissions, although I don't use them

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 really at all.

2 CHAIR MUNN: Yes, I had assumed  
3 that I would have.

4 MR. HINNEFELD: Yes, and I think  
5 we decided to give it to the chairman of each  
6 Work Group and Subcommittee.

7 CHAIR MUNN: Yes, we had discussed  
8 that earlier, and that is what we had agreed  
9 upon. Yes.

10 MR. MARSCHKE: Wanda has kind of a  
11 half permission. She has a permission to add  
12 findings, but she does not have permission to  
13 edit findings or edit status.

14 DR. ULSH: I think that is in line  
15 with what we discussed when you came to  
16 Cincinnati that you would kind of be Wanda's  
17 designee. But we can change that if you want  
18 to do that.

19 MR. MARSCHKE: No, I just want to  
20 make sure that that is -- you know, so there's  
21 really three levels here that we are talking  
22 about. One level is you can't do anything but

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 view it. And actually, that should be  
2 available to anybody --

3 CHAIR MUNN: To anybody.

4 MR. MARSCHKE: -- in NIOSH, in  
5 SC&A, anybody who can get to the tools.  
6 Anybody who can get on to the OCAS or the DCAS  
7 tools screen and click on that button, should  
8 be able to see what is out there.

9 And then the second level is, I  
10 guess, like Wanda has, where she can add  
11 findings but she can't edit anything.

12 CHAIR MUNN: But I can't mess with  
13 anything. Yes.

14 MR. MARSCHKE: And then the third  
15 level is --

16 CHAIR MUNN: Is people who  
17 actually work it.

18 MR. MARSCHKE: Screw up  
19 everything.

20 (Laughter.)

21 MR. OYEDIRAN: That is by design.

22 Where was I? I am so sorry. I apologize.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 CHAIR MUNN: Before I interrupted  
2 you.

3 DR. ULSH: Well is that kind of  
4 the way the status -- the capability of the  
5 database to set status --

6 MR. OYEDIRAN: Pardon?

7 DR. ULSH: The capability you just  
8 described, is that the way it is now?

9 MR. OYEDIRAN: Yes, that is the  
10 ordering that is, in essence, the ordering.

11 DR. ULSH: Okay.

12 MR. OYEDIRAN: Let's briefly kind  
13 of talk about the search. Okay?

14 MR. MARSCHKE: That's not quite  
15 the way we described it. Basically we  
16 described it as I should be the only one that  
17 has the capability to set status. And then I  
18 should have that capability only when I am  
19 working under the -- as a representative of  
20 the Subcommittee.

21 DR. ULSH: See, I think that might  
22 have caused some problems.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   MR. MARSCHKE: Yes, this will be a  
2           logic -- there is going to be logic problems  
3           there. I understand that. But you know, I  
4           could see John Stiver here has the capability  
5           to edit status as well, which may not be a bad  
6           thing because maybe I want John to do it, but  
7           I don't know that that is what we agreed to.

8                   Right now we just wanted to  
9           basically be able to change the status when we  
10          are in this room meeting together as a  
11          Subcommittee and not, you know, SC&A can't go  
12          back and start closing out all these issues on  
13          their own.

14                   CHAIR MUNN: We wanted to be able  
15          to sit around the table and watch the status  
16          change.

17                   MR. MARSCHKE: And watch the  
18          status change.

19                   MR. KATZ: You can handle that  
20          administratively. You don't need to reprogram  
21          to do that.

22                   MR. MARSCHKE: We can. If you

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 trust us to basically go that route, then we  
2 can handle it that way.

3 MEMBER ZIEMER: Well in fact when  
4 you change it, there is a tracking of the  
5 dates and times somewhere in the system. So  
6 if you fiddled around with this between  
7 meetings, it would show up. Right?

8 MR. STIVER: Sure, you would be  
9 able to see who made the change.

10 MR. OYEDIRAN: Okay? So we'll  
11 talk. I will take you guys through the edit  
12 status approach, and I will explain to you  
13 what is going on here. But I think there has  
14 been some misunderstanding in how this process  
15 works and it is a bit obfuscated.

16 When you want to change the status  
17 of a user, you will be given the ability to be  
18 on behalf of another user while you are doing  
19 this. Because of authentication, you cannot,  
20 in the way that you are thinking of how you  
21 would be on behalf of somebody else, that is  
22 not actually legal to the way that we operate

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 with our applications. No application  
2 actually allows you to log in as another user.

3 You have to be logged in as yourself. And  
4 the way that we have -- the only solution we  
5 have for that is giving you the ability to be  
6 on behalf of another user when you are  
7 entering this information.

8 So for instance, I want to be on  
9 behalf of my fearless leader, Mr. Leroy  
10 Turner. This now gives me the ability to now  
11 edit the status because I am now working on  
12 behalf of him when I am entering this  
13 particular piece of information.

14 MR. MARSCHKE: Why does that give  
15 you the authority to edit the status?

16 MR. OYEDIRAN: Pardon?

17 MR. MARSCHKE: Why does that give  
18 you the -- I don't see the logic behind that.  
19 I don't understand the logic.

20 Why should Leroy Turner have the  
21 ability, the authority to allow you to change  
22 the status?

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 DR. ULSH: Okay, here's why.  
2 Because you sent a list of comments some time  
3 ago, and I think number 9 was I should only be  
4 able to change -- I, Steve Marschke, should  
5 only be able to change the status when I am  
6 acting for Wanda, when I am acting as the  
7 designee for the Committee Chair. The way  
8 that that request is interpreted is what Yemi  
9 has just said.

10 Now maybe that is not what we  
11 intended, but that is the way it was  
12 interpreted. That was the response to that  
13 particular comment. Right?

14 MR. MARSCHKE: Then Wanda should  
15 be the only one that is in the on behalf drop-  
16 down box.

17 DR. ULSH: What Steve is saying is  
18 that the only thing that should be able to  
19 change status, according to the way he is  
20 thinking is if it says from Steve Marschke  
21 acting on behalf of Wanda Munn. That is the  
22 only combo that would let you change the

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 status. Right? Is that what you are  
2 thinking?

3 MR. MARSCHKE: That is what I am  
4 thinking.

5 DR. ULSH: Now, we can talk about  
6 whether we want to do it that way, but that is  
7 kind of what you are saying.

8 MR. MARSCHKE: Yes, that is the  
9 way I was thinking it was going to operate.

10 DR. ULSH: I know. I think we --

11 MR. HINNEFELD: As a practical  
12 matter, we're not going to build a system that  
13 we don't have complete control over.

14 CHAIR MUNN: Yes.

15 MR. HINNEFELD: I mean we are just  
16 not. We are not going to set up an  
17 authorization for a Chairman that we cannot in  
18 our developing process --

19 MR. MARSCHKE: Well I know that  
20 the developer will be able to change the  
21 status. Yemi will be able to do anything he  
22 wants to the data.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1           MR. HINNEFELD:     So what you are  
2     saying, though, is that now -- well, here is  
3     an issue, Steve.

4           We could conclude that we want to  
5     enter a particular finding.  We want to edit  
6     it.  So we NIOSH want to enter a particular  
7     thing in the database.  And I don't want to  
8     mess with it.  Brant is on vacation.  I give  
9     it to somebody else and say this is all you  
10    have got to do because we are going to get  
11    more people familiar with the database.  You  
12    clip this response from Word and you stick it  
13    in the database.  That is all you have got to  
14    do, and you can act on my behalf when you do  
15    it.

16          MR. MARSCHKE:     I have no problem  
17    with that, Stu.  On editing responses and  
18    bringing it -- now you are talking about --  
19    but this is something we are talking about  
20    changing the status.

21          MR. KATZ:        That is my point.  We  
22    don't need to design a software specific only

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 to the needs of this one Subcommittee and its  
2 very narrow approach. We can deal with that  
3 with administrative procedures, whatever the  
4 Subcommittee wants to do administratively, in  
5 terms of who has authority to do what, we can  
6 establish that and everyone will behave  
7 accordingly. And we can trust everyone. We  
8 don't need to build a system that is Fort Knox  
9 to prevent people from doing things that they  
10 are not allowed to do. Because I am not  
11 really worried about people behaving badly or  
12 whatever you want to call it.

13 DR. ULSH: So moving forward, if  
14 everyone agrees with what Stu and Ted have  
15 just said, moving forward, is there any  
16 continuing need for this on behalf of, or can  
17 we just make that go away and say who is  
18 making these changes and, like you said, deal  
19 with it administratively?

20 MR. HINNEFELD: Well is it built  
21 in there yet? Do we have it in there now? If  
22 we have got the capability in there, let's

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 don't take it out.

2 MR. MARSCHKE: Basically, this  
3 comes into more -- again, this is another  
4 thing. This comes in when you start editing  
5 the messages and adding responses. I think  
6 this same screen is more important then.  
7 Because as we talked back in whenever it was  
8 we came down, a lot of times somebody like  
9 myself is going to be entering the stuff, the  
10 responses into the database, but I did not  
11 generate the response. Maybe Bob Anigstein  
12 generated the response. And so I am going to  
13 be -- that is where I thought that this was  
14 coming from. I am going to be the person  
15 entering it. It will be from Steve Marschke  
16 on behalf of Bob Anigstein.

17 And so from that point of view, I  
18 think it is important to keep the on behalf  
19 of. In fact, I think it is important to  
20 expand the on behalf of because right now we  
21 have it limited to whoever is on that drop-  
22 down menu, but in reality it could be anybody.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 SC&A could generate a response. Anybody at  
2 NIOSH could generate a response.

3 So there should probably, there  
4 can be a drop-down menu, but there should also  
5 be an overwrite capability so that you can put  
6 in names of people who generate responses who  
7 don't happen to be on that drop-down menu.

8 CHAIR MUNN: Yes, and we have  
9 already had the experience of having a  
10 response in an exchange that is going back and  
11 forth between the Agency and the contractor.  
12 And we have had a response which was not  
13 entirely accurate; it needed to be edited.  
14 And it was edited by someone else, but in  
15 order for that edit to be made, an entirely  
16 new -- it was not possible to edit what was  
17 there. It was necessary to make an entirely  
18 new response.

19 MEMBER ZIEMER: Just replace the  
20 old one.

21 CHAIR MUNN: But it didn't even  
22 replace the old one. It was in addition to.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 So we had this continual list of minor  
2 corrections to edit.

3 MR. MARSCHKE: Wanda, I think they  
4 have taken care of that. I think Yemi has  
5 taken care of that. Right now we are looking  
6 at the edit status menu, but there is also an  
7 edit message menu, where you can go in and  
8 actually do what you are asking for.

9 CHAIR MUNN: Okay. Let's just  
10 keep looking at the status menu until we come  
11 to a conclusion.

12 Purely from an administrative  
13 point of view for the Subcommittee, our key  
14 issue is to assure that there is someone  
15 sitting around this table anytime the  
16 Subcommittee meets that has the authority to  
17 enter in real time comments and to change  
18 status. That is our administrative glitch  
19 here, is we want to make sure that is what can  
20 happen.

21 DR. ULSH: Most commonly, that is  
22 going to be Steve acting on behalf of you.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 CHAIR MUNN: Right, as it has been  
2 in the past. Paul?

3 MEMBER ZIEMER: Well and I like  
4 Steve's comment. The other Subcommittees, not  
5 Subcommittees, Work Groups, really do not have  
6 Steve's equivalent.

7 So for example, if Bob Anigstein  
8 does develop something, say, for General Steel  
9 Industries, I would want the record to show  
10 that Steve entered it on his behalf. And that  
11 would show up, I guess. Wouldn't it?

12 DR. ULSH: It looks like it would  
13 now. I mean, that is the way it is set up  
14 right now.

15 MEMBER ZIEMER: Yes, and I think  
16 that also, in a sense, protects Steve. He is  
17 SC&A's guy to enter the stuff, but he is not  
18 working on all these other Subcommittees. So  
19 it's other people generating this stuff, and  
20 the record needs to show who generated the  
21 material.

22 CHAIR MUNN: Right.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 DR. ULSH: So I think, to  
2 summarize, we are not requesting a change in  
3 the application for this issue right now. Is  
4 that correct?

5 CHAIR MUNN: Not at this moment.  
6 It looks like we may need to expand it a  
7 little. But I didn't hear a request for any -  
8 -

9 MR. OYEDIRAN: For the on behalf  
10 of, to come to that really quickly, you can  
11 only be on behalf of a user that is in your  
12 group. So currently, I am Brant. Pretend I  
13 am Brant. Brant can only see other NIOSH  
14 people. Everybody on this list is a NIOSH  
15 person. If you are an SC&A person, you can  
16 only see SC&A people.

17 MR. MARSCHKE: But I can't see all  
18 the SC&A people. I mean, I can only see the  
19 SC&A people who --

20 MR. KATZ: So we can put in more  
21 names.

22 MR. MARSCHKE: I mean, if you want

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 to put in the whole SC&A directory, that is  
2 what you are going to end up doing.

3 MR. KATZ: Well the whole SC&A  
4 directory doesn't -

5 DR. ULSH: We'll put in the  
6 authorized users.

7 MR. MARSCHKE: It is not really  
8 authorized users. That is what we are getting  
9 at. Not all the authorized users -- not only  
10 the authorized users are going to be  
11 generating responses to findings. Like Ron  
12 Buchanan might generate a finding. Joyce  
13 Lipsztein may generate a finding. You know,  
14 anybody who works for SC&A can generate a  
15 finding, and they are not necessarily going to  
16 be an authorized user of this database.

17 MEMBER ZIEMER: Well everybody can  
18 use the database.

19 MR. STIVER: I'm not sure that --  
20 (Simultaneous speaking.)

21 CHAIR MUNN: Wait. Everybody is  
22 talking at the same time.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   MR. HINNEFELD:   What are we trying  
2                   to indicate by an on behalf of?   You know,  
3                   what is that?

4                   MR. MARSCHKE:     It indicated who  
5                   wrote the response.

6                   MR. HINNEFELD:   Well now that is  
7                   your take.   There are kind of two different  
8                   approaches.   When you are changing a status  
9                   and the meat and you are doing that on behalf  
10                  of Wanda, you are essentially doing it on her  
11                  authority.

12                  In other words, you have the  
13                  authority to do that action because she gave  
14                  you the authority to do that action.   That's  
15                  the way I used it a while ago.   I said I want  
16                  this response to go in the database.   I ask an  
17                  employee, put this in the database on my  
18                  behalf.   And so I gave them the authority to  
19                  enter that.

20                  What you are talking about is  
21                  identifying the commenter, filling in the name  
22                  of the person who wrote the comment, who

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 originated the comment because presumably, I  
2 would think that presumably there is this a  
3 sort of SC&A imprimatur on the responses that  
4 go into the database, either because John said  
5 this one is good to go or because they said I  
6 feel like Hans is capable of writing a good  
7 response and so whatever Hans says is good to  
8 go.

9           So presumably, there is a sort of  
10 institutional support for those items. So  
11 what we are getting here is in order to  
12 facilitate the discussion and resolution is to  
13 have the name of the commenter, which is a  
14 little different than, in my view, of on  
15 behalf of. Because to me on behalf of speaks  
16 of that person has given me the authority.

17           CHAIR MUNN: The authority, yes.

18           MR. MARSCHKE: Well, let's go  
19 back. I mean, I am not talking really about  
20 this status change screen. I am talking  
21 really more about the comment change screen  
22 and entering the comments. I agree with you

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 wholeheartedly on the status change screen it  
2 should be on behalf of Wanda or somebody else  
3 on the Subcommittee.

4 I mean, the original intent of  
5 having two individuals identified was to  
6 identify who actually put it into the database  
7 and who actually made the comment. And that  
8 was what came out at the database development  
9 meeting that we held back in March.

10 MR. HINNEFELD: I missed that.

11 MR. MARSCHKE: And you -- which  
12 you weren't -- now your interpretation is a  
13 different interpretation, but it really wasn't  
14 the, if you will, the design spec.

15 MR. HINNEFELD: Well, then I  
16 should have just kept my mouth shut.

17 (Simultaneous speaking.)

18 DR. ULSH: We talked about it in  
19 both contexts. So we need to sort it out and  
20 interpret it in terms of how do you want the  
21 database to act. I mean, if there is an issue  
22 here that needs a change to the database, then

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 let's figure out what it is and get it done.

2 CHAIR MUNN: There is an article  
3 that you have on the screen right now, which  
4 is a good example, I think. That gives us the  
5 name of the author of the information that has  
6 gone onto it. And it also gives us the name  
7 of the person who put the information on  
8 there. It says Brant put the information on  
9 there, and it says the data is from Anigstein.

10 So if we use that particular  
11 format, it should clarify our issue.  
12 Shouldn't it, Steve? Don't you think?

13 MR. MARSCHKE: If you want to go  
14 with that format, that is kind of the way we  
15 had been doing it, you know, previously. And  
16 that is basically just typing it in, brute  
17 force typing it in every time. And that is  
18 the way we have been doing it. And if we want  
19 to go that way, then really you don't need an  
20 on behalf of. I mean, from that perspective,  
21 you don't need an on behalf of identifier.

22 MR. STIVER: Steve, at the front

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 of the meeting, as I recall, this was kind of  
2 a QA issue. Sometimes that information was  
3 being put in, and other times it wasn't.

4 MR. MARSCHKE: That's right.

5 MR. STIVER: So we wanted to have  
6 some kind of methodology where you could  
7 identify, in this case, the permissions, the  
8 authority but also who the original commenter  
9 --

10 MR. MARSCHKE: If you have it like  
11 it is up there on the screen now with Bob  
12 Anigstein in parentheses in the message field,  
13 there is no guarantee that somebody is going  
14 to always write that in to the message field.

15 CHAIR MUNN: Right.

16 MR. STIVER: And at the time, we  
17 didn't have identified users. It was just an  
18 unidentified SC&A user or unidentified OCAS  
19 user, and so you didn't really know who was  
20 putting those in.

21 MR. MARSCHKE: So a lot of times  
22 when you would find out somebody would, you

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 know whoever enters this then would end up  
2 being like we would think that Brant was  
3 responsible for this because it is basically  
4 from him. But in reality, it is not. It is  
5 not his response. He just happened to type it  
6 in.

7 CHAIR MUNN: Yes, Paul?

8 MEMBER ZIEMER: Well there are  
9 really two issues I think that Stu kind of  
10 clarified that. Who is giving the authority  
11 to put the data in?

12 For example, if Bob generated  
13 something, initially someone at SC&A must have  
14 authorized that. That becomes SC&A's  
15 position. Right?

16 So the authorization has to do  
17 with something about by whose authority  
18 something was done, as opposed to the  
19 information about who generated the material.  
20 When you are here in the meeting and you enter  
21 something on Wanda's authority, it still  
22 might be something generated by maybe Dick

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 Lemen had some wording and we adopted it and  
2 Wanda gave you the authority to put it in.

3 So there is a difference between  
4 by whose authority and who generated the  
5 information.

6 CHAIR MUNN: Well there is also  
7 the fact that often you encounter a situation  
8 where the comment that is going in there has  
9 not been generated by a single person. It is  
10 the result of much conversation that has gone  
11 on and it is the general consensus of, for  
12 example, SC&A. It is the general consensus of  
13 the Subcommittee. It is the general consensus  
14 of the Agency. In which case, no specific  
15 name is required.

16 But in cases where we are  
17 essentially reporting out from some  
18 authority's White Paper, for example, as to  
19 what the resolution or what the issue happens  
20 to be, then it seems to be not a necessary  
21 thing but an advantageous thing to have that  
22 individual's name there. I would not think

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 that would ordinarily be the case.

2 I would think it would ordinarily  
3 be SC&A says this. NIOSH says this.

4 MR. MARSCHKE: But the thing  
5 though, Wanda, that is why we usually start  
6 off with SC&A and then we put in parentheses,  
7 you know, Steve Ostrow, or Bob Anigstein or  
8 Steve Marschke or whoever because it is SC&A's  
9 position. But it really comes more down to a  
10 tracking point of view is, you know, I want to  
11 be able to look at the comments or look at the  
12 messages and be able to say, oh, okay. The  
13 one I happen to show on the screen now is  
14 Steve Ostrow. So when I get a response back  
15 from NIOSH, I know to go to Steve Ostrow to  
16 say look at this response and see whether or  
17 not it addresses your concern. If he is not  
18 identified in the previous SC&A interchanges,  
19 if he is just identified as SC&A, I am  
20 sometimes scratching my head saying well who  
21 made the original finding and who is  
22 responsible for this.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1           So it is more -- it kind of grew  
2 out of just for my own convenience, I wanted  
3 to be able to keep track of who is making  
4 these responses so I can go back to them.  
5 Because sometimes there is a great deal of  
6 delay between the time the finding is opened  
7 and the finding is finally closed. So it  
8 could be a couple of years and during that  
9 time period, we want to keep track of who  
10 wrote the initial finding.

11           DR. ULSH: And it seems to me that  
12 that is really going to be the most  
13 appropriate use for the on behalf of feature.

14           Because anytime a status changes, it's going  
15 to be on behalf of the chair of the --

16           MR. STIVER: You never really need  
17 to keep of track of it. It is understood that  
18 the authority is coming from --

19           DR. ULSH: The way this is going  
20 to play out in practice is SC&A has a lot of  
21 people who generate comments but not all those  
22 people are going to know how to use this

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 database and they are going to come to Steve  
2 and say hey, put this comment in. And Steve  
3 will type it in.

4 The same thing on the ORAU side.  
5 Elyse Thomas is going to know how to do this  
6 and someone is going to make a response. She  
7 can put it in and track who the originator  
8 was. That is the way it is going to play out.

9 So maybe that on behalf of, if Bob  
10 Anigstein comes to Steve Marschke and says  
11 here is my comment, then Steve will log in as  
12 him, type in a comment on behalf of Bob  
13 Anigstein. That seems to me the way this will  
14 work.

15 MR. STIVER: Seems reasonable.  
16 The only problem I see is that just to have a  
17 complete listing available for Bob and people  
18 to be commenters. So maybe we should have  
19 some ability to write in a name for somebody.

20 MR. KATZ: It's easy to solve. We  
21 can get a complete listing in there as a drop-  
22 down list so you don't have to write it in.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 Right?

2 MR. OYEDIRAN: Right.

3 MR. KATZ: So you supply a list of  
4 everyone who writes technical comments. It's  
5 not all of SC&A. It is actually a subset of  
6 SC&A, and we will have that list in there.

7 MR. HINNEFELD: It can be fixed at  
8 the time. A new person makes a comment who  
9 hasn't before, you just let us know and we'll  
10 add that name.

11 MR. KATZ: We'll add that name.

12 MR. STIVER: Call or whatever and  
13 say we have got to add this person to the  
14 list.

15 MR. HINNEFELD: Sorry I caused a  
16 problem.

17 CHAIR MUNN: Okay, everybody  
18 understands what we are doing except me.  
19 That's good. That means we are clear. Okay.

20 MR. OYEDIRAN: Okay, I wanted to  
21 go to the search. The search is very similar  
22 to the way that a Google search works, at

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 least the way I wrote it, but it currently  
2 only -- I believe I wrote this two months ago,  
3 so some of these things are not completely on  
4 the top of my head.

5           The search items it allows you to  
6 search on are the title and anything that is  
7 part of the message or comments in there. So  
8 for instance if I wanted to search, this will  
9 bring us back up for us. But just this phrase  
10 right here, it will take me to a search screen  
11 that brings me to -- this looks a little weird  
12 because of the resolution. To make it larger  
13 up there, I had to zoom in. This will take  
14 you to -- I'll show you what -- a better  
15 example of what it looks like. This is a  
16 better example of what it looks like normally.

17 It will take you to the message or the  
18 documents that has that information in it.

19           So as I said before, it takes us  
20 to the place where we found that text in  
21 there. You can also search by the title. So  
22 let's say we wanted to search on this, this

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 TBD. It will bring us to this, and it will  
2 bring us anyplace that information is -- that  
3 document's name is in.

4 And it will also give you a  
5 message search. It gives you two different  
6 searches. So it allows you to give a message  
7 search and lets you search anything that is  
8 relating to that document.

9 So if you ever do run into some  
10 issues and a name is mentioned, the  
11 gentleman's name --

12 MR. STIVER: Anigstein.

13 MR. OYEDIRAN: How do I spell  
14 that?

15 MR. STIVER: A-N-I-G-S-T-E-I-N

16 MR. OYEDIRAN: S-T-I-E-N?

17 MR. STIVER: No, E-I-N.

18 MR. OYEDIRAN: E-I-N. Believe it  
19 or not, it -- I cannot find -- well maybe it  
20 is in the message. And it is mentioned in the  
21 message. And it is mentioned in these two  
22 messages and somewhere in here. After digging

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 through for a while it will lead you to where  
2 you are looking for.

3 That is how the search works. The  
4 search is just very similar to Google search,  
5 but it only does it for messages and document  
6 information. It also can let you do partial  
7 document information. So if I wanted to do  
8 TIB-010, I don't believe that actually exists,  
9 but it gets everything in there that has that  
10 TIB-010 in it and any messages that are  
11 dealing with that as well.

12 So you can also search because  
13 here is we have an OTIB that is TIB-0010 but  
14 it will help you along the way.

15 CHAIR MUNN: That's great.

16 MR. STIVER: That's kind of  
17 interesting. I typed in TIB-24 and I get some  
18 other things that don't seem to be related  
19 here.

20 MR. OYEDIRAN: There is going to  
21 be -- what it is going to have to do because  
22 algorithmically it is going to have to try to

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 guess what the statistical likelihood of what  
2 you're aiming for. So it is going to grab a  
3 lot of information. And some of that  
4 information may be necessary and some of it  
5 might not be.

6 The better, the more clear and the  
7 more exact you are, the better your searches  
8 are going to be, just as -- like as in Google.

9 But the more broad you are, the less precise  
10 it is going to be.

11 MR. STIVER: Because I get  
12 something -- PER-011, which has nothing  
13 whatsoever to do with TIB-24 in terms of the  
14 characters.

15 MR. OYEDIRAN: Well you are going  
16 to have those characters mentioned somewhere  
17 in the message or --

18 MR. STIVER: In the title there is  
19 --

20 MR. KATZ: It could be in the body  
21 of the document, though. Right?

22 MR. OYEDIRAN: Right.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   MR. KATZ:    Yes, you have to open  
2                   it up and look.

3                   MR. STIVER:   All right, that makes  
4                   sense then.

5                   MR. OYEDIRAN:   So I mean, it just  
6                   gives you a robust search.   One is honed  
7                   towards the documents, and the other one is  
8                   honed towards the messages and responses.   So  
9                   that is just where it gives you that.

10                   So somewhere in there it is going  
11                   to give you something that will pull  
12                   information that may or may not be relevant,  
13                   but it also ranks your relevance.   So your  
14                   most relevant, based on what you were  
15                   searching, goes to the top and disambiguation  
16                   from there.

17                   MR. STIVER:    So now we know how  
18                   Google does their search engines.

19                   MR. OYEDIRAN:   I am actually doing  
20                   my graduate research on Google search engine  
21                   right now.   So I decided to bring in a little  
22                   of that.   Sorry.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 CHAIR MUNN: Great. Well done.

2 MR. OYEDIRAN: The other thing I  
3 will bring to your attention. I guess since  
4 we are covering, we have talked about editing  
5 statuses. We have talked about editing  
6 responses, I believe. Adding a finding, just  
7 to show you, the edit status, edit message,  
8 and all of these, basically all work off the  
9 same piece of information, the same page,  
10 which allows you to give the relevant  
11 information. It gives you a Rich Text box so  
12 you can format it very similar to Word  
13 documents. It even allows you to copy and  
14 paste from Word and then format it, based on  
15 your Word documents. It allows you to attach  
16 attachments to responses and messages, if  
17 necessary.

18 MR. KATZ: So can you copy and  
19 paste from other compatible --

20 MR. OYEDIRAN: Yes.

21 MR. KATZ: -- like Excel or  
22 whatever?

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   MR. OYEDIRAN: I'm not sure about  
2                   Excel, but you can do it from Word. I did not  
3                   kind of optimize for Excel, but you can make  
4                   it work, if you want to put in a table.

5                   MR. KATZ: Great.

6                   MR. OYEDIRAN: I have a zoom in  
7                   and zoom out for text. So if you needed to be  
8                   able to read better --

9                   MR. STIVER: Is there any way to  
10                  put a link in to an Excel spreadsheet?

11                  MR. OYEDIRAN: If you attach it as  
12                  a file to a response.

13                  MR. STIVER: Oh, you said put it  
14                  under attachments. But you couldn't just put  
15                  it in the finding like a little hyperlink?

16                  MR. OYEDIRAN: That is another  
17                  thing you can do as well.

18                                 So we have seen the documents and  
19                                 the Board reviews. This is also for the Work  
20                                 Group administration, and this gives you Work  
21                                 Group administration for every one of the Work  
22                                 Groups for the Subcommittee on Procedures

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 Review. You will see all of the people  
2 associated.

3 MEMBER ZIEMER: Where is this?

4 MR. OYEDIRAN: Oh, I apologize.  
5 If you go to the menu --

6 MR. HINNEFELD: Main menu and then  
7 Work Group administration.

8 MR. OYEDIRAN: I didn't plan on  
9 going over some of these items, so we're kind  
10 of ad hoc here.

11 Going to the Board Review, Ms.  
12 Munn, my example up top, if you go to this  
13 menu right here, the Board Review Menu and you  
14 will have three choices, unassigned, queued  
15 documents under Board review, and Work Group  
16 admin. The Work Group admin will lead you to  
17 the Work Group administration page.

18 CHAIR MUNN: Since I don't have  
19 permission.

20 MR. HINNEFELD: Wanda doesn't have  
21 permission to go to that.

22 MEMBER ZIEMER: Yes, it says we

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 can't see that.

2 MR. OYEDIRAN: And that is where I  
3 was going. This is why I didn't plan on going  
4 over this part because some people have the  
5 ability and some people don't.

6 MEMBER ZIEMER: No, I was going to  
7 say that it would be -- why can't we see this?

8 MR. OYEDIRAN: There were some  
9 people that were decided to be administrators.  
10 This was in a list of requirements and I just  
11 associated the list of requirements with  
12 roles.

13 Members and alternates and Chairs  
14 do not get the ability to administrate. The  
15 administrators are given to Steve Marschke and  
16 SC&A users, as well as OCAS users and ORAU  
17 Board review members.

18 So the particular -- and those are  
19 some things that you might want to hash out in  
20 --

21 MR. MARSCHKE: Well what is the  
22 purpose of this menu? What does this do?

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1           MR. OYEDIRAN: This gives you the  
2 ability to administrate permissions.

3           MR. MARSCHKE: What do you mean  
4 administrate permissions? What permission? I  
5 mean, I guess you mean permissions, this tells  
6 you who can --

7           MR. OYEDIRAN: You have a selected  
8 group of users you can decide on, and they  
9 have roles that you can use. And each role  
10 has permissions.

11          MR. HINNEFELD: The role, the list  
12 of roles there on that, Steve.

13          MR. OYEDIRAN: These are the roles  
14 that I was given. So your role is your  
15 permission.

16          MEMBER ZIEMER: Well if you can  
17 get to this page, you can change things.

18          MR. OYEDIRAN: You can change  
19 these --

20          DR. ULSH: Okay, I can't change  
21 anything. So only you can or Steve can?

22          MR. OYEDIRAN: I was given a list

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 of names that should have this ability.

2 MEMBER ZIEMER: Just a comment,  
3 though. It would be useful, I think, to all  
4 Board Members to have access to the list --

5 MR. OYEDIRAN: You don't want too  
6 many people having administrative permissions.

7 MEMBER ZIEMER: Not  
8 administrative, to be able to see -

9 MR. OYEDIRAN: To be able to see  
10 the list --

11 MR. HINNEFELD: What if any user  
12 could just see the list.

13 MR. OYEDIRAN: We can -- but that  
14 can be worrying. Because if you can get on --  
15 his example, he doesn't have the ability to  
16 remove users.

17 MR. HINNEFELD: So I think it  
18 would be fine for all the Board Members to  
19 have this authority, just to be able to look  
20 at it.

21 MR. OYEDIRAN: Right. On this  
22 portion, I think this was just really an old

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 list from when this was probably back in DCTA.

2 So there are things that haven't  
3 been -- since we are, we might as well bring  
4 it to your attention as to one of those things  
5 that you might want to pass on to my task  
6 monitor if you are interested in it working  
7 differently.

8 MR. HINNEFELD: Why don't you make  
9 a note of that. Let's make sure we work --

10 MEMBER ZIEMER: Because otherwise,  
11 Zaida ends up having to send out current Work  
12 Group lists. This would be a good way to --  
13 who is on a Work Group.

14 MR. OYEDIRAN: It's very simple.

15 DR. ULSH: So one change is to --

16 MR. HINNEFELD: Let everybody be  
17 able to read that sheet.

18 MR. OYEDIRAN: That is a very  
19 minor detail. It is not very big

20 The application also for user  
21 ability, we did our best to kind of have icon  
22 sets that give you obvious things. If you see

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 a red X, it is to cancel, close or delete. If  
2 you see a green check button, it is to accept.

3 Green is good. Red is bad.

4 DR. ULSH: Wait, red is close.  
5 That's good.

6 MR. OYEDIRAN: That brings  
7 attention to the fact of don't do anything  
8 else to this. Move on.

9 So and if there are other things  
10 in the user ability and the usability that may  
11 make it easier for you to use, please let us  
12 know.

13 MR. MARSCHKE: I just see that a  
14 lot of the SC&A people that I mentioned before  
15 like Joyce are on this list. So I can  
16 basically add her to -- and I can give her  
17 permission --

18 MR. OYEDIRAN: Yes.

19 MR. MARSCHKE: -- if I wanted to?  
20 And then her name would add to that drop-down  
21 menu when I am editing on behalf of?

22 MR. HINNEFELD: Is Joyce an

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 authorized user?

2 MR. KATZ: No, she is not.

3 MR. MARSCHKE: Well that is what I  
4 am just saying. It is on the list here that I  
5 --

6 MR. KATZ: It is on the list, but  
7 she doesn't have even internet access, I don't  
8 believe.

9 MR. MARSCHKE: I don't care. I  
10 don't care. If she really ever gets on. I  
11 want her name to show up on the drop-down menu  
12 --

13 MR. KATZ: Sure.

14 MR. MARSCHKE: -- so that when I  
15 --

16 MR. HINNEFELD: Yes, Steve was  
17 going to take care of that. Well, not Steve.  
18 John was going to take care of just getting  
19 the roster of the people --

20 MR. KATZ: You are going to --  
21 SC&A has an action item just to submit all of  
22 the people who potentially could provide

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 technical comments. Those will go in the  
2 drop-down.

3 MR. MARSCHKE: I'm just saying it  
4 is already here. It may already be here in  
5 this drop-down list.

6 MR. OYEDIRAN: That's a minor  
7 augmentation.

8 MR. MARSCHKE: I will let Yemi do  
9 it.

10 DR. ULSH: So, Yemi, can we right  
11 now, if I said to you I want to see all of the  
12 in-progress findings. I don't care what  
13 document it is attached to. Just show me  
14 that.

15 MR. OYEDIRAN: Okay, the status,  
16 that status filter was just brought to our  
17 attention this week. We have been waiting for  
18 -- we finished work on this in April, and we  
19 have been waiting to hear back on some  
20 feedback.

21 DR. ULSH: Okay. So I'm making a  
22 list now of action items going forward. So it

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 is not a criticism that it's not here but the  
2 one thing that we are going to want relatively  
3 rapidly is the ability to do that.

4 CHAIR MUNN: Absolutely. That is  
5 a key ability for us here when we are sitting  
6 around the table.

7 MR. OYEDIRAN: That is going to  
8 have to be discussed with my task monitor. I  
9 am a contractor, and I just do as I am told.

10 DR. ULSH: All right. Well, we  
11 will work that out.

12 MR. OYEDIRAN: I prefer to dance  
13 for my dinner. I don't get paid to think or  
14 make decisions. I just get told what to do. I  
15 prefer it that way.

16 MR. HINNEFELD: Brant, you are  
17 going to take that up with Tom then?

18 DR. ULSH: Yes.

19 MR. STIVER: I guess so far we  
20 have a --

21 DR. ULSH: Sorry. Well this  
22 doesn't have to be an exhaustive list right

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 now. You are going to have to take this and  
2 think about it and play around with it. But  
3 is there any other burning feature that you  
4 would like to have that occurs to you right  
5 now?

6 MR. NEELY: Did Steve say he  
7 wanted to expand the on behalf of lists?

8 MR. HINNEFELD: Yes, the SC&A  
9 list.

10 MR. KATZ: SC&A is going to  
11 provide a list.

12 MR. NEELY: Okay.

13 DR. ULSH: So John will send that  
14 to me, and I will get it to whoever it needs  
15 to go to on our side.

16 MR. OYEDIRAN: Yes, the more lead  
17 time that you give us, the more we will be  
18 able to get these things done.

19 CHAIR MUNN: Being able to sort on  
20 status is important.

21 MR. STIVER: And also by time,  
22 weren't you interested?

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 CHAIR MUNN: Yes.

2 MR. MARSCHKE: I will show you  
3 what we really want. I can't put it up on the  
4 screen. Oh, shoot.

5 DR. ULSH: Yes, that is going to  
6 be one, sorting by time, that is going to be  
7 one that we are going to have to discuss a  
8 little bit to nail down exactly what we want  
9 to do. But I will put it on the list here.

10 CHAIR MUNN: Yes, if look back at  
11 our old reports, where we used to be able to  
12 just print out exactly what we were looking at  
13 and when we got it.

14 MR. HINNEFELD: A thought occurs  
15 to me in terms of being able to put a date on  
16 there and still use a document-driven screen  
17 is a different -- when a document's been  
18 reviewed more than once it's a different  
19 revision. And so you would have a Rev. 0 and  
20 then you would have a rev one at the end of  
21 the title -- it is just part of this document  
22 title and then you would have a different

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 date. That just occurred to me as a way to do  
2 it on a document-driven --

3 DR. ULSH: Is there ever a  
4 situation where one document would be reviewed  
5 by two different Working Groups or  
6 Subcommittees or --

7 MR. HINNEFELD: Well, they will be  
8 referred back and forth.

9 CHAIR MUNN: Yes.

10 MR. STIVER: -- some that become  
11 overarching --

12 MR. HINNEFELD: Yes, and some will  
13 -- go to overarching.

14 MR. KATZ: But not simultaneously,  
15 really.

16 DR. ULSH: No. We were trying to  
17 sort by date. For instance if there was a --  
18 a Norton Working Group?

19 MR. HINNEFELD: No.

20 DR. ULSH: Okay, well let's just  
21 pretend --

22 MR. MARSCHKE: Norton's not going

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 to be in here.

2 MR. HINNEFELD: Pick Rocky Flats.

3 DR. ULSH: Rocky Flats. So Rocky  
4 Flats, what, ER or TBD is reviewed by the  
5 Rocky Flats Working Group, but then at a later  
6 time it is picked up by Procedures or somebody  
7 else. If we have a date, one date that it is  
8 assigned for review, there might be more than  
9 one of those, depending on which --

10 MR. HINNEFELD: Well but the date  
11 doesn't go with that document. The date goes  
12 with the review of that document. That is the  
13 date that goes in the data field.

14 So I don't see -- I don't know.  
15 We'd have to talk about -- later on we'll have  
16 a conversation about it. I don't see this as  
17 being too difficult. Because really what  
18 kicks these things off is not that we publish  
19 a document. What kicks these things off is  
20 that SC&A publishes a review of the document.  
21 That is what kicks off this whole discussion.

22 MR. MARSCHKE: If you look --

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 Sorry.

2 CHAIR MUNN: Yes, go ahead.

3 MR. MARSCHKE: If you look at this  
4 old screen, basically this is what used to be  
5 generated from, if you go back to the Access  
6 database. And over here we have the dates  
7 when SC&A published their findings. This is  
8 basically the total number of findings. And  
9 this then is the current status of each one of  
10 those findings.

11 So I mean, you could generate  
12 this. I believe you could generate this  
13 screen by just going through all the  
14 documents, looking at all the findings and  
15 just binning them into these different bins.

16 CHAIR MUNN: Yes.

17 DR. ULSH: So it would be a  
18 summary report, basically.

19 MR. MARSCHKE: And it would be a  
20 summary report. This is what Wanda, I think,  
21 is getting at.

22 CHAIR MUNN: This is what I am

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 getting at. The first finding date there, for  
2 example, says 1/17/2005. And it says the  
3 total number of findings is 183. Now that  
4 tells you instinctively we are not talking  
5 about a single report here. That was a group  
6 of reports that we received that was dumped in  
7 our lap to begin with. This is what you have  
8 to work with. Go forward and do good things.

9           And each of those dates there,  
10 there are two or three of them that are only  
11 one single document that was assigned to us.  
12 But the date that we were working from in the  
13 past and the date that I have used in previous  
14 reports to others outside of our immediate  
15 Board has been a listing of how many of those  
16 findings were closed. It makes a difference  
17 from my perspective as to how long we have had  
18 them.

19           DR. ULSH:       Okay.       So going  
20 forward, I want to make sure that I understand  
21 what you are asking for and then I can work  
22 with Yemi after this meeting to accomplish it.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1           SC&A is assigned, let's say, a  
2 group of five documents to review. And they  
3 issue a report that says here is our findings  
4 for document one, two, three, four, five, and  
5 there is multiple findings in there. That is  
6 the date that would go in for whatever we are  
7 going to call this field, date reviewed or  
8 whatever. And that date would be attached to  
9 all the findings as well.

10           CHAIR MUNN: Yes, absolutely.

11           DR. ULSH:        Okay, I think I  
12 understand what you want.

13           CHAIR MUNN: When we get it.

14           MR. KATZ: I mean, SC&A completes  
15 a review of each document individually. So  
16 even if they got assigned a number, each  
17 document, whether it is a TIB or whatever that  
18 they review, there will be ten findings for  
19 that TIB. They all have the same date because  
20 it is when they reviewed the TIB.

21           DR. ULSH: Right. I mean, the  
22 report that you would issue, might there be

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 more than one TIB in the same SC&A report?

2 CHAIR MUNN: Yes, absolutely. We  
3 could have a batch.

4 DR. ULSH: All right. I think I  
5 understand.

6 MR. MARSCHKE: Some of these have  
7 up to 45.

8 MR. STIVER: It basically is for  
9 tracking purposes.

10 MR. OYEDIRAN: We hadn't focused  
11 on the reports yet because we had been waiting  
12 for many of these items to be checked off and  
13 looked at. And that was about six to eight  
14 weeks about. And many of these things we just  
15 recently started finding out about.

16 So it is going to take us a lot of  
17 time to kind of work through all of these  
18 issues because these aren't trivial issues.

19 CHAIR MUNN: Understood.

20 MR. OYEDIRAN: And being able to  
21 get through them, which we can do and we will  
22 do, but we kind of have to go through a

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 process we have been working through to get  
2 there.

3 MEMBER ZIEMER: I want to  
4 emphasize one thing. This is analogous to the  
5 dose reconstructions. You know, we have had  
6 this tracking of early dose reconstructions.  
7 Have we gotten everything done on the first  
8 thousand, the second thousand. We have had  
9 two reports to the Secretary on closing out  
10 these findings, and one of the issues is what  
11 about those early X-hundred findings. Are  
12 they still sitting there, or have they been  
13 closed out? And that is where the importance  
14 of these dates comes in. So that when we go  
15 to the Secretary, we can say, yes, we don't  
16 have some findings that are seven years old  
17 that we haven't dealt with yet. So that is  
18 where it becomes important to track, is for  
19 what we tell the Secretary we have done in  
20 terms of closing out issues that are  
21 particularly older issues.

22 DR. ULSH: Okay.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   MR. OYEDIRAN:   That makes perfect  
2   sense.

3                   DR. ULSH:        I envision going  
4   forward that other things are going to occur  
5   to you after this meeting.  Just email them to  
6   me.  I will work with Yemi to make sure that  
7   we understand them.  It is going to be an  
8   iterative process.  We are going to be  
9   tweaking this for a bit.

10                  MR. HINNEFELD:    Yes, and the  
11   database is generally available.  So if you  
12   are authorized to use it, you can use it  
13   anytime.

14                  CHAIR MUNN:    Thank you.  At first  
15   glance and at first explanation, this is  
16   impressive.  And it has incorporated many of  
17   the things that will help us, I think,  
18   segregate what we want to focus on from one  
19   meeting to the next.

20                  So, Yemi, to you and your  
21   colleagues who have worked on it, thank you  
22   very much.  We appreciate we are creating

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 headaches for you, but we do appreciate what  
2 you have done, and it is looking good so far.

3 Yes, Steve?

4 MR. MARSCHKE: John was just  
5 looking. When you click on the edit status  
6 button, like you did before --

7 MR. STIVER: It kicks me into the  
8 new findings screen. Is that because I don't  
9 have permissions for that?

10 MR. MARSCHKE: It goes to a new  
11 finding screen. Does it really come as a new  
12 finding or does it come as a --

13 MR. OYEDIRAN: You have to enter  
14 -- this was also in our meeting. I do  
15 remember this being specified in our meeting  
16 in February, February 17th, that if you were  
17 to change status, you have to enter in some  
18 information. That is how it works.

19 MR. MARSCHKE: I have no problem  
20 with that. But up in the upper left, it says  
21 finding. It doesn't basically generate a new  
22 finding. This is entered as a message under

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 the existing finding.

2 MR. OYEDIRAN: That is simple to  
3 fix. It is just the text.

4 MR. MARSCHKE: It is just an  
5 editorial thing?

6 MR. OYEDIRAN: That is just copy.

7 MR. STIVER: Well as it stands  
8 right now, it allows you to put in some  
9 comment, but I don't see where you can change  
10 it from in abeyance to resolved or in  
11 progress.

12 MR. OYEDIRAN: Once you change who  
13 your on behalf of is, it will then give you a  
14 list of the current status --

15 MR. STIVER: Okay. All right.

16 MR. OYEDIRAN: Because you have to  
17 do it on behalf of somebody else to change the  
18 status.

19 MR. STIVER: Okay. All right.

20 MR. MARSCHKE: Now, let's go back  
21 to the -- let's go at the edit message screen.

22 MR. OYEDIRAN: Do you want to edit

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 a response?

2 MR. MARSCHKE: I want to edit a  
3 response. Edit response would be fine.

4 Okay, it doesn't have an on behalf  
5 of.

6 MR. OYEDIRAN: I don't believe  
7 that was ever specified to have an on behalf  
8 of for editing responses. But it was for  
9 editing on or creating a new finding.

10 MR. MARSCHKE: Someplace else  
11 where that came, where the closed came up.  
12 Wait a minute I have to find it.

13 (Sound of a siren.)

14 MR. OYEDIRAN: That's my cue.  
15 I've got to go.

16 (Laughter.)

17 MR. KATZ: Someone on the line has  
18 a siren and is not on mute.

19 CHAIR MUNN: Incoming.

20 MR. MARSCHKE: Maybe it is when  
21 you add response. When you hit the add  
22 response you get the same kind of screen that

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 you get -- you get the same screen that you  
2 get when edit finding.

3 But add response also including, I  
4 believe --

5 MR. OYEDIRAN: Editing, you can't  
6 edit on behalf of somebody else. You're just  
7 editing.

8 MR. MARSCHKE: You can't edit on  
9 behalf of someone. You are just editing.  
10 Right. Well you can. Actually you can but  
11 don't change it.

12 But when you add a response, you  
13 get the same screen that you get with change  
14 status. And including the capability to  
15 change the status when you add a response.

16 MR. OYEDIRAN: Okay.

17 MR. MARSCHKE: Which I am not sure  
18 that you want to be able to do that.

19 MR. OYEDIRAN: Okay, that is  
20 something we can resolve quickly.

21 MR. OYEDIRAN: Yes. Once you find  
22 some things, please feel free to send them to

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 the NIOSH email.

2 DR. ULSH: Send them to me. I  
3 just want to keep track of them.

4 MR. OYEDIRAN: Some of these  
5 things are going to be easy to be fixed.

6 MR. NEELY: Does that complete  
7 your presentation?

8 MR. OYEDIRAN: That does complete  
9 my presentation. I would like to thank you  
10 guys so very much for taking the time to have  
11 me out here. If you have any questions,  
12 please send them to Brant. I am sure he will  
13 be more than willing to pass them on to me.

14 CHAIR MUNN: We thank you very  
15 much for taking the time to come and do this  
16 for us.

17 We know it is not an easy task.  
18 Even for the gee whiz guys, this is no easy  
19 task. So thank you very much.

20 MR. MARSCHKE: And I would second  
21 that, Wanda. I think this is a far -- great  
22 strides have been made. And this is a very

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 good database. I know it is not a database  
2 but --

3 CHAIR MUNN: It certainly is.  
4 Yes.

5 MR. MARSCHKE: It is a very good  
6 database/application. And I think you have  
7 done a very good job.

8 MR. OYEDIRAN: Thank you so much.

9 MR. MARSCHKE: My comments, you  
10 know --

11 MR. STIVER: Everything we talked  
12 about at meetings all fell into place.

13 MR. MARSCHKE: Hopefully you were  
14 not put off by what I have been saying. It is  
15 just I think it is very good.

16 CHAIR MUNN: Much more flexible  
17 than we originally hoped for and I think it  
18 will be most useful for us.

19 So thank you.

20 MR. OYEDIRAN: You are very  
21 welcome.

22 CHAIR MUNN: And we will talk to

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 you again the next time we meet, no doubt.

2 MR. OYEDIRAN: I look forward to  
3 that, Ms. Munn.

4 CHAIR MUNN: All right.

5 MR. OYEDIRAN: The pleasure was  
6 absolutely mine.

7 CHAIR MUNN: Thank you. It was a  
8 pleasure to meet you. Thank you both for  
9 coming.

10 MR. OYEDIRAN: Oh, these. I'm  
11 actually in the process of creating screen  
12 casts that will take you through a video and  
13 show you step by step of how to go over these  
14 things. And I will also have this this text,  
15 as well as the screen casts on the application  
16 for you to do.

17 MR. MARSCHKE: The one thing we  
18 didn't talk on and touch on is how to get a  
19 PDF file or a hard copy of this information  
20 because a lot of times --

21 MR. OYEDIRAN: What information?

22 MR. MARSCHKE: All this

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 information.

2 MR. OYEDIRAN: To create a PDF?

3 MR. MARSCHKE: Maybe for example,  
4 you know, if I got -- if we get responses from  
5 NIOSH on one of these documents, IG-2 or  
6 something like that, and I want to send those  
7 responses to, whoever at SC&A is working on  
8 IG-2. Sometimes they may not have  
9 capabilities or authority to get into this  
10 database or they may not even just have the  
11 inclination to get into the database.

12 MR. OYEDIRAN: Okay.

13 MR. MARSCHKE: So a lot of times  
14 what I will do is in the past I could generate  
15 a PDF file of say for example all the history  
16 --

17 MR. OYEDIRAN: I see where you are  
18 going. I think once you get all of your  
19 requirements together, because what it sounds  
20 like, you are kind of giving me a new  
21 requirements list for the applications.

22 MR. MARSCHKE: I have talked about

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 this before.

2 MR. OYEDIRAN: Since I have been  
3 working on this application, I haven't gotten  
4 --

5 MR. HINNEFELD: We're not going to  
6 get into it. Brant, take it down. It would  
7 be the history.

8 MR. MARSCHKE: The history of the  
9 file.

10 MR. HINNEFELD: What it would it  
11 would print would be the history. And it was  
12 actually very easy to navigate from one  
13 finding of a document to the next finding.  
14 But I think you printed them one at a time.  
15 Right?

16 MR. MARSCHKE: You printed them  
17 one at a time or we could print a group of  
18 them. But I would be satisfied with just one  
19 document at a time and every finding would be  
20 on a new page.

21 MR. HINNEFELD: Right. Each  
22 finding would be on a new page and you could

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 print the history of the findings and all the  
2 various --

3 MR. MARSCHKE: And all the  
4 responses and back and forth between SC&A and  
5 NIOSH and the Subcommittee.

6 MR. HINNEFELD: Yes, what you had  
7 was a PDF.

8 DR. ULSH: That was going to be  
9 the next step that we do once we set it up.

10 MR. MARSCHKE: All right, I just  
11 wanted to get it on the --

12 MR. HINNEFELD: It kind of falls  
13 under the reporting bin.

14 MR. MARSCHKE: It is in the  
15 reporting bin.

16 MR. OYEDIRAN: I'll talk to your  
17 task manager.

18 MR. HINNEFELD: That's good  
19 enough.

20 CHAIR MUNN: This was particularly  
21 important for us as we transfer responsibility  
22 for these files from our Subcommittee -

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   MR. HINNEFELD:       From the most  
2                   sophisticated users to less sophisticated  
3                   users.

4                   CHAIR MUNN:        From sophisticated  
5                   users and workgroups and back and forth. Yes,  
6                   we need a way to make sure that information  
7                   transmits completely.

8                   MR. HINNEFELD:    Yes, it can go in  
9                   writing and it can also be moved on here.

10                  CHAIR MUNN:     Good.    Again, thank  
11                  you.    And I think we have beaten ourselves up  
12                  adequately this morning in time for a brief  
13                  coffee break for 15 minutes.

14                  (Whereupon, the above-entitled matter went off  
15                  the record at 11:05 a.m. and went  
16                  back on the record at 11:20 a.m.)

17                  MR. KATZ:        Okay.    So we are  
18                  restarting after a short break. This is the  
19                  Subcommittee on Procedures Review, Advisory  
20                  Board on Radiation and Worker Health.

21                  Wanda?

22                  CHAIR MUNN:    We covered the Norton

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 issue and our instruction period for our new -  
2 - Should I continue to call it database?  
3 That's the way it comes up in our Board Review  
4 system electronically.

5 The one thing that we had  
6 scheduled for the pre-break period that we  
7 didn't close up for sure was our discussion of  
8 the outstanding OTIB-0070 issues, even though  
9 we touched on them during the Norton  
10 discussion.

11 Let's take a look at what our  
12 current system tells us about OTIB-0070 and  
13 the items that are in progress to see if we  
14 are where we need to be.

15 MR. MARSCHKE: Well the first  
16 thing, Wanda, I would like to apologize, I  
17 guess. As I recall, we did work on OTIB-0070  
18 in one of the preceding Subcommittee meetings.  
19 I think it was a meeting or two ago, maybe  
20 back in January or March. I'm not sure which  
21 one.

22 We, I believe, at that time made

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 some changes to the statuses and the database  
2 has not been updated to reflect the results of  
3 that meeting. So looking at the database is  
4 not going to give you, in its current form, is  
5 not going to give you the current status of  
6 OTIB-0070 issues.

7 CHAIR MUNN: So we are not  
8 accurate with where we are.

9 MR. MARSCHKE: That's correct.

10 CHAIR MUNN: Let's run down what  
11 this shows just to see if we can reconstruct,  
12 perhaps in your mind, Steve, where we ought to  
13 be and what the action item will be in regard  
14 to this item for our next meeting.

15 This one shows Finding 1 in  
16 progress; Finding 2 in progress; Finding 3 in  
17 progress; 4 is closed; 5 in progress; 6 in  
18 progress; 7 closed; 8 closed; 9 in abeyance;  
19 10 in progress; 11 in progress; 12 addressing  
20 another Finding; 13 in progress; 14 in  
21 progress; and 15 in abeyance. And then memory  
22 tells me, not actual documentation but memory

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 tells me that we may have a couple still  
2 outstanding. Does your memory tell you the  
3 same thing?

4 MR. MARSCHKE: I believe so and  
5 that is what Jim Neton also said this morning.

6 CHAIR MUNN: I thought we only had  
7 two --

8 MR. MARSCHKE: Two.

9 CHAIR MUNN: -- but my memory was  
10 that the resuspension factors, there are two  
11 of those, were the only ones that were  
12 outstanding.

13 But will it be your action then to  
14 verify for our next meeting that we have --

15 MR. MARSCHKE: Now that we have  
16 been trained in the operation of the database,  
17 we might continue to call it database, we  
18 would have taken an action item, SC&A, I  
19 believe I speak for John Mauro and John Stiver  
20 both of them, that we will update the database  
21 to reflect the activities in the meetings that  
22 we had when we did not have the database

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 available to us. I think that is like just  
2 about three or four meetings.

3 CHAIR MUNN: That's three or four  
4 meetings. Yes, it is. So that would be  
5 great.

6 MR. MARSCHKE: So we will go  
7 through the meeting minutes. We might have to  
8 contact Ted to make sure we have copies of all  
9 the meeting minutes, if they are not already  
10 on there.

11 CHAIR MUNN: They are already  
12 posted.

13 MR. MARSCHKE: Okay. All the way  
14 up to the last one?

15 CHAIR MUNN: Yes.

16 MR. MARSCHKE: So then we will  
17 basically go through the meeting minutes to  
18 make sure that whenever the Subcommittee has  
19 posed an issue or made a change to an issue,  
20 it is reflected in the database.

21 MR. KATZ: And Steve you can just  
22 notate at the end of all that what happened

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 today since Jim committed to a White Paper to  
2 close out the last two issues.

3 MR. MARSCHKE: Yes, for OTIB-0070.

4 CHAIR MUNN: That's good. All  
5 right, we will look forward to seeing that at  
6 our next meeting. The sooner the better.

7 The next item that we have on our  
8 agenda is --

9 MR. HINNEFELD: Actually, I think  
10 what Jim committed to was revising the  
11 Evaluation Report rather than actually a White  
12 Paper.

13 MR. KATZ: But he said that --  
14 What he said was that the Evaluation Report  
15 doesn't need much revision but he needs to  
16 write a paper related to some of that that is  
17 not in the Evaluation Report, some of the  
18 details that he was talking about.

19 MR. HINNEFELD: Okay.

20 MR. KATZ: That is what I wrote in  
21 real time as he was speaking.

22 MR. MARSCHKE: The justification

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 of the ten to the minus six.

2 DR. ULSH: He didn't use the words  
3 White Paper. He said we need to write up what  
4 we are --

5 MR. HINNEFELD: He needs to do  
6 some writing.

7 MR. KATZ: He needs to do a White  
8 Paper. He may not want to call it that but  
9 that is what he said. I was writing as he was  
10 speaking.

11 CHAIR MUNN: Now it was my  
12 understanding we would have that before the  
13 Board meeting.

14 MR. HINNEFELD: That is our  
15 intention, to have an amended Evaluation  
16 Report and supporting information.

17 MEMBER ZIEMER: But remember the  
18 Evaluation Report that is going to be amended  
19 is the Norton.

20 MR. HINNEFELD: Yes.

21 CHAIR MUNN: It is not this  
22 document.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   MR. HINNEFELD:   No.   We have got  
2   to get something in here.

3                   CHAIR MUNN:   Yes, we will need to.

4                   MEMBER ZIEMER:   I don't think this  
5   will be ready for the Board.

6                   CHAIR MUNN:   No.

7                   MR. HINNEFELD:   No.   We will focus  
8   on the Evaluation Report.   One of my notes is  
9   that we need to revise OTIB-0070 for the same  
10  thing.

11                  CHAIR MUNN:    Yes, that's good.  
12  Anything else on OTIB-0070?

13                  Let's move on to a very brief  
14  approved two-pagers for online posting.   I was  
15  committed to having the clean copies to Ted so  
16  that he would be working with the NIOSH folks  
17  to get this brand new item online that would  
18  allow people to see all of these completed  
19  two-pagers that we have.   Since I have not  
20  provided those to Ted, that makes it  
21  impossible for us to move forward on that at  
22  this meeting.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1           My question would be whether there  
2       has been any further discussion relative to  
3       how that particular new item on our web page  
4       list is going to appear. I have been told  
5       several times that all we have to do is have  
6       the material and then it is easy to get it up  
7       there. Someone was going to give some  
8       thought, I think NIOSH was going to make the  
9       decision or at least make suggestions with  
10      respect to nomenclature for that particular  
11      bit of the website where we are going to put  
12      the two-pagers.

13           MR. HINNEFELD: Yes, I don't have  
14      anything to report today because there is a  
15      broader effort going on to put some of SC&A's  
16      original review documents on the website.  
17      Whereas, some of the, you know usually the  
18      site-specific reviews that SC&A has provided,  
19      those usually end up on our website relatively  
20      quickly. That has not always been the case  
21      with these compendia of procedure requests.

22           CHAIR MUNN: Right.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   MR. HINNEFELD:     So the actions  
2     that I know of as we are gathering the  
3     versions and they have to be what we call 508  
4     compliant, --

5                   CHAIR MUNN:     Right.

6                   MR. HINNEFELD:   -- meaning they  
7     have to be readable by people who are blind.  
8     And they didn't have to be.   You know when  
9     these were delivered there was no requirement  
10    for that.

11                  CHAIR   MUNN:     Yes, it is my  
12    understanding that is a new requirement.

13                  MR. HINNEFELD:   So part of it is  
14    to make versions that are 508 compliant, get  
15    them to us.     And there are still some  
16    decisions on our part about where.   You know,  
17    I would think they would have their own page  
18    in terms of procedure reviews.

19                  And in my way of thinking either  
20    co-located immediately after a procedure  
21    review or very easily linkable to it, is you  
22    would link to one of these two, which are

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 essentially the summary of the Board's  
2 deliberation of the findings.

3 CHAIR MUNN: Not all of them will  
4 be included there. So I had envisioned them  
5 as having their own web page --

6 MR. HINNEFELD: Well I was  
7 thinking both.

8 CHAIR MUNN: -- so that there is  
9 direct access to them.

10 MR. HINNEFELD: I was thinking  
11 both. If you do, you know, you can see them  
12 all in one place but you will also be able to  
13 -- I was thinking of a link from the findings,  
14 the page where you see the document findings,  
15 a link from that page to the how was it  
16 resolved.

17 CHAIR MUNN: Now, we had  
18 originally said that when we did put the web  
19 page up that we would have a hotlink on the  
20 two-pagers that would make it possible for you  
21 to go to the full review if that is in fact  
22 what you wanted to see.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1           But with any luck at all by the  
2 time we get to our next meeting Ted will have  
3 a, hopefully we will all have a better idea of  
4 where it is going to go and someone will have  
5 suggested a title for what we are going to  
6 use.

7           The next item on our agenda is  
8 review of OTIB-0002 open items, that  
9 everything that is relevant is addressed in  
10 the replacement procedures. Well I think  
11 everybody knows what that means. If that  
12 needs further explanation, let me know. And  
13 in any case, I am now going to make a brave  
14 effort to use our new system to pull up OTIB-  
15 0002 to see what we had to say.

16           Sure enough. Have we all been  
17 able to find it? And we see we have two in  
18 abeyance. This is a NIOSH action, I believe.

19           DR. ULSH: Yes. Wanda, I think we  
20 had some questions about exactly what the  
21 resolution would look like here. Elyse, are  
22 you online?

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 MS. BRACKETT: I think she wants  
2 me to handle it. This is Liz.

3 DR. ULSH: Oh, Liz. Okay.

4 MS. BRACKETT: That's all right.  
5 Go ahead. I really don't have a clear  
6 understanding of what specifically is wanted  
7 for this action item to address the issues  
8 here.

9 The OTIB was canceled and I think  
10 there was some direction to address these  
11 issues and how they were addressed in other  
12 documents. But the documents that are used  
13 instead are very different approaches. And so  
14 I don't understand what specifically is the  
15 direction.

16 CHAIR MUNN: Let me see if my  
17 memory serves me well enough to be able to  
18 explain it a little better.

19 It was our concern that these two  
20 items that are in abeyance here waiting for  
21 procedural incomplete references. I see RP-30  
22 and 66 were mentioned in the text but not

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 listed in the references and technical issue  
2 ratings.

3 It was our understanding that  
4 OTIB-0002 had been replaced primarily, is my  
5 memory correct, with OTIB-0018? Is that  
6 right?

7 MS. BRACKETT: It is an indirect  
8 replacement. The two of them were in use at  
9 the same time for quite some time and then  
10 OTIB-0002 was canceled as it was slowly phased  
11 out. So OTIB-0018 would be something that  
12 could be used for the same types of cases.

13 CHAIR MUNN: Right. I think the  
14 concern of the Subcommittee was that to assure  
15 that all of the items that had previously been  
16 listed in OTIB-0002 did in fact find a home in  
17 the appropriate way and other procedures that  
18 had succeeded it. And I recall our primary  
19 discussion centered around OTIB-0018, I  
20 believe, to see whether 18 adequately  
21 addresses the issues that were put forth in  
22 these findings.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   Is that more clear or am I just  
2 refusing the issue?

3                   MS. BRACKETT:     Well, can I give  
4 you an example and see if this is the kind of  
5 thing you are looking for?   Because I am not  
6 quite clear.

7                   But I think one of the issues that  
8 was listed for OTIB-0002 was the material  
9 types that were chosen.   And in OTIB-0002 we  
10 use whatever is the most claimant favorable  
11 material type.   Would be that the kind of  
12 thing that is being looked for or something  
13 different from that?

14                  CHAIR MUNN:     Possibly so.   Do you  
15 have this finding in front of you, Liz?

16                  MS. BRACKETT:    No.    I have the  
17 two-page document, the overview of OTIB-0002.  
18    But I don't have -- what is the title of that  
19 one?

20                  CHAIR    MUNN:            It's    Tritium  
21 Calculation with IMBA.

22                  MS.    BRACKETT:        Oh,    tritium

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 calculation with IMBA.

2 MR. HINNEFELD: That's not OTIB-  
3 0002.

4 CHAIR MUNN: Oh, sorry. I pulled  
5 up the wrong thing.

6 MR. STIVER: This is John Stiver.  
7 I have the transcript in front of me from the  
8 last meeting and on page 48, Stu had some  
9 comments here. They had two action items.  
10 The first one being specific findings to  
11 provide our take on whether they are relevant  
12 at all. And so were they addressed.

13 But the one I remember, the second  
14 finding is to decide to take a look at the  
15 alternative approach, the approaches in OTIB-  
16 0018 and be sure that the doses that are  
17 calculated from OTIB-0018 would not be higher  
18 than those calculated in OTIB-0002. Because  
19 OTIB-0002 was this kind of a super maximizing  
20 approach, the gigantic intake at one time and  
21 whereas 18 is much more refined. The feeling  
22 was that the doses calculated using OTIB-0018

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 would be much lower. And so it was going to  
2 be to go and verify that that was indeed the  
3 case. There wouldn't be situations where you  
4 could have had a higher dose using OTIB-0018  
5 as with OTIB-0002.

6 MS. BRACKETT: I guess I don't  
7 understand why it would be a problem if they  
8 were larger, since it is supposed to be an  
9 overestimate in either case. But it is going  
10 to be on a case-by-case basis. It is not  
11 something that we could do through a  
12 calculation and say yes this would be the case  
13 for all circumstances. It would have to be,  
14 we would have to look at each individual case  
15 to determine if OTIB-0018 was larger or  
16 smaller.

17 MR. MARSCHKE: From a purely  
18 administrative point of view, if you look at I  
19 guess there were 18 findings associated with  
20 OTIB-0002, right now a number of them that  
21 have been closed. There are a number of them  
22 that are in abeyance and there still are a

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 number of them that are identified as being  
2 open.

3           Eventually, we are going to want a  
4 disposition all those findings to closed for  
5 some reason. And I think really it is more of  
6 an exercise of going to and looking at the  
7 particularly the open findings and seeing  
8 whether or not the finding is applicable to  
9 maybe OTIB-0018 or some other OTIB or  
10 basically it is no longer applicable for such  
11 and such a reason and then we can close that  
12 finding. Maybe the same is also true for the  
13 ones that are in abeyance. Because in  
14 abeyance, we have kind of come to a meeting of  
15 the minds as to, well, this should be the  
16 solution. NIOSH really hadn't implemented  
17 that solution in OTIB-0002 but did they  
18 implement that solution in some other OTIB or  
19 again, is that solution no longer relevant.

20           Again, so we can go through them  
21 and get rid of those and close out those in  
22 abeyance findings. That is from looking at it

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 from an administrative point of view and not  
2 really a technical point of view.

3 MS. BRACKETT: Okay. I noticed  
4 that on the document that was sent out  
5 summarizing it, some of the findings are the  
6 same. Findings 8 and 18 are identical and  
7 there is at least two others that were the  
8 same thing.

9 MR. MARSCHKE: That is a good  
10 point. We can clean it up.

11 MS. BRACKETT: Okay, I think I have  
12 a better understanding now of what is being  
13 looked for.

14 MR. HINNEFELD: Here is the -- I  
15 have a question. I mean a lot of these things  
16 refer to things that were done in OTIB-0002  
17 that just aren't done anymore. So I mean is  
18 it as simple as putting in a statement in our  
19 response field that this practice, you know  
20 this decision on fraction and fractional  
21 retention values is not utilized in any --

22 CHAIR MUNN: Is no longer used.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1                   MR. HINNEFELD: Is no longer used  
2 by any other or in any approach.

3                   CHAIR MUNN: Absolutely.

4                   MR. HINNEFELD: And that can be  
5 closed.

6                   CHAIR MUNN: Absolutely.

7                   MR. HINNEFELD: Okay. So our  
8 action here is to put stuff in the database.  
9 Because I was looking through these and a lot  
10 of these, it seems to me, they just  
11 automatically are going to fall off.

12                  CHAIR MUNN: Yes, I think most of  
13 them are.

14                  MR. HINNEFELD: Okay.

15                  CHAIR MUNN: I somehow had the  
16 idea from our previous discussions that there  
17 were only two or three in here that we needed  
18 to make sure were covered by other documents.

19                  And as we have already discussed, OTIB-0018  
20 was the one most frequently mentioned as  
21 having replaced some of these items. But if  
22 they are no longer used, then all we need to

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 say is the practices are no longer applicable  
2 to --

3 MS. THOMAS: Yes, this is Elyse.  
4 Stu, I did -- I don't see it here. I remember  
5 entering that comment into the database when  
6 we canceled OTIB-0002. And I am thinking I  
7 entered them into what was DCTA at that time.  
8 So I am not sure why they aren't showing up  
9 here.

10 The comment was just a generic one  
11 about OTIB-0002 has been canceled because it  
12 is no longer used.

13 CHAIR MUNN: Pardon me. That was  
14 not the concern of the Subcommittee. The  
15 concern of the Subcommittee was that the  
16 finding was covered in whatever disposition  
17 was made. So if the finding is covered in  
18 some other document, we need to say so.

19 MS. THOMAS: Yes.

20 CHAIR MUNN: And it may be that  
21 what you have entered previously falls in that  
22 well that we have between our old system and

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 our new system of tracking things.

2 DR. ULSH: It sounds like the  
3 NIOSH action item for the next meeting on  
4 these particular items associated with OTIB-  
5 0002, to go through and make sure that the  
6 database is updated with things that have  
7 happened. But if we have a comment that even  
8 if we made it before and it got lost in the  
9 cracks somewhere between DCTA and whatever we  
10 are calling this, we will just put it back in.

11 And that response shouldn't be OTIB-0002 was  
12 canceled. It should be the technical content  
13 of this comment is no longer relevant because  
14 this approach is no longer used.

15 CHAIR MUNN: Exactly. Paul?

16 MEMBER ZIEMER: And I'm looking  
17 back at my own notes from that meeting. And  
18 one of the action items I jotted down was  
19 NIOSH was to look at the open items and see if  
20 any of those are still relevant.

21 I think the abeyance items are  
22 ones that we have agreed have been taken care

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 of in one way or the other but we may not -- I  
2 guess we would have to look at them one by  
3 one.

4 DR. ULSH: Yes, we have agreed on  
5 a path forward but they haven't been open --

6 MEMBER ZIEMER: And with these  
7 open items, the question is, are they  
8 relevant. And I don't know if we do that here  
9 or whether NIOSH has to ask itself is it  
10 relevant or is it closed out by the fact that  
11 we don't use it anymore or something like  
12 that.

13 DR. ULSH: I think we are at a  
14 stage now where the database, it is not  
15 perfect but it is up and running to the point  
16 where a lot of time over the next meeting,  
17 maybe two meetings, are going to be making  
18 sure we have caught up with all of the status  
19 and all the developments that have happened.  
20 A lot of these things are going to be closed  
21 out because they were just hanging out there  
22 to verify that.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 CHAIR MUNN: And there have been  
2 some concerns raised over the maximizing  
3 approach and how that water was not covered  
4 appropriately in other documents.

5 MEMBER ZIEMER: I had also made a  
6 note that NIOSH was also going to consider  
7 whether a PER was needed. And I guess that  
8 arose out of the fact that a lot of the early  
9 cases were done with this one.

10 MR. HINNEFELD: Well the only time  
11 we would do that would be --

12 MEMBER ZIEMER: Right. I  
13 understand. Because presumably, this always  
14 gave a larger dose.

15 MR. HINNEFELD: Yes.

16 MEMBER ZIEMER: And that is why  
17 that question came up is it always true.

18 MR. HINNEFELD: That's why we  
19 asked that question.

20 MEMBER ZIEMER: You asked the  
21 question and Liz has said that it is a case-  
22 by-case basis. And it raised the question of

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 were there cases under this approach that  
2 would get a higher dosage with a new approach.

3 In other words, we were assuming  
4 the new approach actually gave somewhat lower  
5 maximizing doses. And the question was, is  
6 that always the case.

7 Liz, I think that was the context  
8 before where we were wondering. Since it is a  
9 case-by-case basis, does NIOSH have to  
10 consider whether or not a PER is needed by  
11 dropping the 0002 and going to the 0018?

12 I think that was the issue.

13 MR. KATZ: But if OTIB-0018 is a  
14 maximizing --

15 MEMBER ZIEMER: They are both  
16 maximizing.

17 MR. STIVER: OTIB-0002 was  
18 maximizing and OTIB-0018 was a little more of  
19 a realistic approach.

20 MR. KATZ: Is OTIB-0018 being  
21 used?

22 MS. BRACKETT: Well, they are both

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 overestimates.

2 MEMBER ZIEMER: They are both  
3 overestimates.

4 MS. BRACKETT: I don't know if  
5 maximizing is an appropriate word but they are  
6 both overestimates.

7 So if OTIB-0018 was larger than --  
8 Well I mean they are only used for  
9 noncompensable cases.

10 MR. HINNEFELD: If it is an  
11 overestimate, it really doesn't matter.

12 MEMBER ZIEMER: Yes.

13 MS. BRACKETT: Right.

14 MR. HINNEFELD: You would never  
15 get to a PER.

16 MS. BRACKETT: Right. Well, if it  
17 made it compensable, --

18 MEMBER ZIEMER: Then you would go  
19 back and do it.

20 MS. BRACKETT: -- then you would  
21 have to do a best estimate.

22 MEMBER ZIEMER: A best estimate

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1       anyway.

2                   MR. HINNEFELD:       So does that  
3       action drop off then, that compares?

4                   CHAIR MUNN:    Does what action drop  
5       off?

6                   MR. HINNEFELD:    The action to sort  
7       of make some sort of a decision about is there  
8       a case or would there be a set of  
9       circumstances where OTIB-0018 would create a  
10      larger or smaller --

11                  MEMBER ZIEMER:   A larger estimate.

12                  MR. HINNEFELD:       -- a larger  
13      estimate than OTIB-0002.

14                  MR. STIVER:       Really all it is  
15      going to do is trigger a best estimate  
16      calculation.

17                  MR. KATZ:        So it makes no  
18      difference.

19                  DR. ULSH:       Right. So it sounds  
20      like we might have committed to that last  
21      meeting or maybe the meeting before and now we  
22      are saying there is no point.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   CHAIR MUNN: Well what we had said  
2 last meeting is that there are pieces of OTIB-  
3 0002, even though it has been canceled, if we  
4 have any piece of that that is still an action  
5 that needs to be pursued, is that properly  
6 incorporated in another document. That is the  
7 bottom line.

8                   MR. KATZ: And they have that as  
9 an action item already to figure out which are  
10 obsolete and which might still have relevance  
11 because they are an element of some other  
12 procedure.

13                   CHAIR MUNN: Yes, that is the  
14 bottom line, I think.

15                   So we know what we are doing here.

16                   MEMBER ZIEMER: Does that include  
17 the abeyance side of things, you will take a  
18 look at them as well?

19                   MR. HINNEFELD: Yes. A lot of  
20 those are in abeyance but the document doesn't  
21 explain things very clearly.

22                   MEMBER ZIEMER: Right.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 DR. ULSH: But even with those,  
2 the next development on that is for us to go  
3 in and say this is no longer an issue.

4 MR. KATZ: Exactly.

5 MR. MARSCHKE: I think what we  
6 hoped to do, I don't want to put words in the  
7 Subcommittee's mouth, but I think what we hope  
8 to do is at a future meeting of the  
9 Subcommittee, go through the OTIB-0002  
10 findings and close them all out.

11 CHAIR MUNN: That is what we all  
12 want to do.

13 DR. ULSH: The next two  
14 developments are for us to go in and say here  
15 is what we think. This is no longer relevant  
16 or here is where it has been dealt with. And  
17 then at the next meeting of this committee,  
18 you pick up those responses and say yes we  
19 agree or there is another action.

20 CHAIR MUNN: We agree, closed,  
21 closed, closed. That is what we hope to do.

22 MR. MARSCHKE: The other things

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 is, if you just look at the name of the two  
2 documents we have been talking about OTIB-0002  
3 and OTIB-0018, you can see that OTIB-0002 is  
4 called a maximum internal dose and OTIB-0018,  
5 if you look at it is called internal dose  
6 overestimates. So there is, you know, they  
7 are both overestimates but one of them is a  
8 little bit --

9 DR. ULSH: It has been tapped down  
10 a bit in comparison.

11 MS. BRACKETT: Well, I think that  
12 is more a function of when they were written.  
13 Early on in the project we were talking about  
14 maximizing approaches and that terminology  
15 changed.

16 MR. MARSCHKE: So it is really a  
17 terminology change than it is a technical  
18 difference.

19 MS. BRACKETT: The methodology is  
20 different and that is part of it. It is a  
21 result of things changing over time. OTIB-  
22 0002 is based on acute intakes; whereas over

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 time the process became to assign chronic  
2 intakes and that is what OTIB-0018.

3 So it is just kind of an evolution  
4 over the lifetime of the project as to see  
5 what was decided to be a better method.

6 MR. MARSCHKE: Right.

7 CHAIR MUNN: And anything else on  
8 that issue? Everybody understands what we are  
9 doing this time.

10 All right. The next item is OTIB-  
11 0010. We were going to review all the items.  
12 NIOSH apparently was going to use the MCNP  
13 runs to show that we were able to close out  
14 all the items here.

15 John Mauro, are you on line?

16 CHAIR MUNN: I recall John had  
17 something to say about OTIB-0010 last time we  
18 talked about it.

19 MR. MARSCHKE: Oh, OTIB-0010 is  
20 not in the database. Look at the email I sent  
21 you.

22 MR. HINNEFELD: It's DCAS-0010.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   MR. MARSCHKE:    Yes, but DCAS-0010  
2                   has nothing in it.

3                   MEMBER ZIEMER:       Are they all  
4                   switched to DCAS now instead of OCAS?   Yes,  
5                   here it is.

6                   MR. MARSCHKE:    DCAS-0010 and there  
7                   is nothing in the database.   So the findings  
8                   that were associated with OCAS TIB-0010 did  
9                   not get carried over into DCAS TIB-0010.

10                  MEMBER ZIEMER:    I wonder if that  
11                  is because of the title change.   Are the old  
12                  OCAS numbers still in here?

13                  MR. MARSCHKE:    No.    I couldn't  
14                  find it.   Let's put it that way.

15                  CHAIR MUNN:       We didn't have ten  
16                  TIBs?    We had eight items apparently, at  
17                  least.   We talked about -- hold on.

18                  MEMBER ZIEMER:    I have a note that  
19                  we closed Finding 1 at the last meeting but  
20                  the other findings were made in abeyance.   And  
21                  NIOSH to respond to Bob's analysis.

22                  MR. MARSCHKE:       Yes.       Yes, I

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 believe that is right. Prior to the last  
2 meeting, NIOSH gave us the -- is Bob Anigstein  
3 on the phone?

4 CHAIR MUNN: This is the Attila.

5 MR. MARSCHKE: Yes, this is the  
6 Attila thing. Prior to the last meeting,  
7 NIOSH gave us the Attila runs or they gave us  
8 Revision 1 to TIB-0010 and we looked at -- it  
9 had an appendix that had all the Attila input  
10 not the MCNP input. Bob looked at it and we  
11 could not duplicate the MCNP runs. We  
12 couldn't get the input to work in MCNP.

13 So I think we asked for the runs.  
14 I'm not sure if NIOSH gave us the runs.  
15 Perhaps they did.

16 DR. ULSH: We did and I think Bob  
17 did some runs of his own. And I talked to --

18 MR. STIVER: Bob is going to be  
19 calling in.

20 DR. ULSH: Well this is going to  
21 be very simple. I talked to Greg Macievic and  
22 basically in order to see what Bob's comments

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 are, we need to get the input decks that he  
2 ran.

3 MR. MARSCHKE: Oh, okay.

4 DR. ULSH: Yes, we just need to  
5 get those inputs so we can see what it is that  
6 exactly he did and what the discrepancies  
7 were.

8 MR. STIVER: I had in the excerpts  
9 from the transcript that you guys had an  
10 action item to verify what Bob had done when  
11 we come back. So I guess that is where we are  
12 at this point.

13 MEMBER ZIEMER: Well, did he still  
14 get different results? Is that what you are  
15 saying?

16 DR. ULSH: At the last meeting,  
17 Bob said he did some MCNP runs and got  
18 different results than what we got.

19 DR. ANIGSTEIN: By the way, this  
20 is Bob Anigstein, I am here now.

21 DR. ULSH: So in order to address  
22 that, we are going to need to see the inputs

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 that you used Bob. If we could get those from  
2 you, we will run them. We will compare them  
3 to see what we did and see where the  
4 differences come from.

5 DR. ANIGSTEIN: I'm sorry. You  
6 are wanting our MCNP runs?

7 DR. ULSH: Yes.

8 DR. ANIGSTEIN: Okay.

9 DR. ULSH: The input decks so that  
10 we can run them and see what --

11 I mean obviously, if you got  
12 different results from what we got, the  
13 difference comes from the --

14 DR. ANIGSTEIN: Well, if you  
15 reviewed my -- I prepared a report. I assume  
16 it was circulated. I don't know. Steve, was  
17 this report circulated that I prepared,  
18 Resolution of SC&A findings on DCAS TIB-0010.

19 DR. ULSH: I think it was because  
20 that is what I gave to Greg Macievic. He said  
21 in order to address it, he needs to get the  
22 input.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 MR. MARSCHKE: That was the last  
2 meeting.

3 DR. ANIGSTEIN: Let me see what  
4 the date on this was. This was March 21st and  
5 there were nine findings, some of which were  
6 editorial and then a number were substantive.  
7 And the reasons I mean, I explained the  
8 reasons why we got different numbers. So it  
9 is not some MCNP magic.

10 DR. ULSH: I'm not implying that  
11 that is the case. It is just --

12 DR. ANIGSTEIN: Excuse me?

13 DR. ULSH: I'm not saying that it  
14 is MCNP magic or anything like that.

15 DR. ANIGSTEIN: No, no. I'm  
16 sorry. I didn't mean to be flippant. What I  
17 meant was we use different physics. So I can  
18 certainly send you the input files.

19 DR. ULSH: Yes.

20 DR. ANIGSTEIN: But I think the  
21 report clarifies that when we ran your files  
22 we got the same results. We made some

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 improvements and various reductions, some  
2 little technical refinements working with sort  
3 of a professional perfectionist on this. But  
4 the results were, you know, within a couple of  
5 percents. There was no difference in the way  
6 you ran it and the way we ran it. However, we  
7 then said we don't agree with the geometry and  
8 we ran what we consider a more realistic  
9 geometry and we got very different results.

10 So if we are not -- I mean, I  
11 don't know if it would make sense for me to go  
12 over the differences and then I can just --

13 DR. ULSH: No, we got your report  
14 and Greg has that. And in order to write up a  
15 response to that report, we would just like to  
16 have the input decks that you ran so that we  
17 can --

18 DR. ANIGSTEIN: Okay. Not a  
19 problem.

20 DR. ULSH: And then we will do  
21 whatever we want to do with that but then we  
22 will write up a response to your technical

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 report of March 21st.

2 DR. ANIGSTEIN: Okay. So we will  
3 provide you with the input decks for -- Okay.

4 Probably I will try to write up a little memo  
5 to tell you which geometry.

6 DR. ULSH: Okay.

7 DR. ANIGSTEIN: I will key it into  
8 the report so that it will --

9 DR. ULSH: Yes, that would be  
10 helpful.

11 DR. ANIGSTEIN: Or maybe the  
12 simplest thing I will just take the report and  
13 simply insert into it the name of the MCNP  
14 file for each run. I will refer to it we did  
15 a run doing such and such and we did so. So I  
16 will simply put in the name of the MCNP file  
17 into the report. I think that will be the  
18 easiest, if that is agreeable to everyone.  
19 And then I will -- And of course, I will  
20 append the report.

21 Yes, we can get those out to you  
22 probably today. So who should this be

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 distributed to?

2 DR. ULSH: Just send it to me and  
3 I will get it to Greg. This is Brant Ulsh.

4 DR. ANIGSTEIN: Okay.

5 DR. ULSH: I think that --

6 DR. ANIGSTEIN: We have a  
7 distribution list that we put everyone on copy  
8 as a procedure. So people will be getting it  
9 whether they want it or not.

10 DR. ULSH: That will be fine. I  
11 think that these are relevant to Findings 8  
12 and 9.

13 DR. ANIGSTEIN: Let's see.  
14 Finding -- yes. Findings 8 --

15 MR. MARSCHKE: I've got Finding 9  
16 being closed.

17 DR. ANIGSTEIN: Yes, I would agree  
18 with that.

19 Let's see. If I can just ask a  
20 procedural question of Ted Katz.

21 MR. KATZ: Yes.

22 DR. ANIGSTEIN: Is it okay for me

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 to send it immediately without going through  
2 channels?

3 MR. KATZ: Absolutely. That is  
4 not a problem.

5 DR. ANIGSTEIN: That is fine?

6 MR. KATZ: Yes.

7 DR. ANIGSTEIN: Good. Will do.  
8 Okay, yes, exactly 8 and 9. Okay, you will be  
9 getting that before the end of the day.

10 DR. ULSH: Thank you.

11 CHAIR MUNN: So I have as action  
12 items that SC&A is going to provide their  
13 documentation and NIOSH will then review and  
14 respond back to us at our next meeting.  
15 Correct?

16 MR. HINNEFELD: Correct.

17 CHAIR MUNN: Very good. It is  
18 exactly 12:00 o'clock and the agenda says  
19 lunch. Is it your hope that we can go to  
20 lunch now or would you like to forge on for a  
21 little bit?

22 MR. HINNEFELD: I always like to

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 eat lunch.

2 CHAIR MUNN: I'm always ready for  
3 lunch myself. So unless I hear any contrary  
4 remarks to that suggestion, we will adjourn  
5 for one hour for lunch and be back here at  
6 1:00 o'clock.

7 (Whereupon, at 12:00 p.m. a lunch  
8 recess was taken.)

9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1

2

3

A-F-T-E-R-N-O-O-N S-E-S-S-I-O-N

4

(1:09 p.m.)

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

MR. KATZ: Good afternoon. This is the Subcommittee on Procedures Review Advisory Board on Radiation and Worker Health. We are just getting going again after a lunch break.

Let me just check on the line. I got an email from one Board Member saying he might be joining us. Do we have any Board Members on the line?

(Pause.)

MR. KATZ: Okay, not at this point. Wanda, it is your agenda.

CHAIR MUNN: We will continue our after lunch menu with the carry-over items that we show on our agenda. The first one of which is OTIB-21-04, responses due on the partial issue -- partial year issue from NIOSH.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1           Let's just for the fun of it take  
2 a look at how our new material is presented to  
3 us on the electronic database. Have we all  
4 reached OTIB-0021 External Coworker Dosimetry  
5 Data for the X-10 Site. Are we all on? And  
6 tracking just for the record, we are showing  
7 the first finding to be in abeyance; the  
8 second finding to be in progress; the third  
9 one to be closed; and Finding 04, which is the  
10 one which we are to address today is in  
11 progress, which explains why it is a NIOSH  
12 item.

13           Brant?

14           DR. ULSH: Yes, this is one where  
15 we actually had a bit of a lengthy response  
16 and we could only fit part of it into the  
17 database at the time of the last meeting. I  
18 have now sent up the full response. I sent  
19 that out on the 11th, which is only a few days  
20 ago. It is a pretty long response, so I don't  
21 anticipate that anyone has had any time to  
22 really digest it.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 Elyse, is anyone on the line? Is  
2 Scott maybe on the line to kind of walk us  
3 through this?

4 MR. SIEBERT: I am on here,  
5 however I don't have the information on this.

6 DR. ULSH: Oh, that's right. I'm  
7 sorry. I remember now. In the email when I  
8 sent this out, Matt Smith is the author of  
9 this. He is out on medical leave. In the  
10 short term anyway, I figured people would want  
11 some time to review it. So a response has  
12 been provided now. I think the next step  
13 would be probably for SC&A to review our  
14 response and weigh in.

15 MR. MARSCHKE: That was an email  
16 that you sent?

17 DR. ULSH: On 7/11, July 11th.

18 MR. MARSCHKE: 7/11 21-04. Okay,  
19 yes we did receive it. We have not.

20 CHAIR MUNN: So we should have the  
21 response.

22 DR. ULSH: And we will be putting

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 the full response into the database, now that  
2 it is accessible. I can do that.

3 CHAIR MUNN: Seven when?

4 DR. ULSH: The 11th. It would  
5 have been Monday.

6 CHAIR MUNN: I think I saw it but  
7 did not put it anywhere. Okay. So it is now  
8 in SC&A's hands to see and respond to next  
9 time. Right? Do you want, for the sake of  
10 this record, tell us, give us a brief summary  
11 of what the response is?

12 DR. ULSH: Well, I can only tell  
13 you what it is about. It has to do with  
14 partial year and external dosimetry results  
15 and how we deal with partial years for X-10.

16 MR. HINNEFELD: That's because the  
17 X-10 coworker data came out of a particular  
18 database. CEDR. And so you get these CEDR  
19 data fields. The issue was that with some of  
20 these people, there is more than one entry per  
21 year. So how do you know that you have  
22 covered the whole year? There might be other

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 parts that are not monitored. How do you know  
2 you have got the correct interpretation of  
3 what these data say?

4 MR. STIVER: I think our concern  
5 was -- I wasn't involved in this before but  
6 from what I am reading our concern was that  
7 the values reported were considered to be full  
8 year, 12-month doses and we were concerned  
9 there might situations where someone might  
10 leave early, you know retire or for whatever  
11 reason would have a partial coverage and that  
12 would be assigned for the full year when  
13 really they may have had, they might not have  
14 covered the actual --

15 DR. ULSH: Yes, and I think the  
16 response -- We talked about this at the last  
17 meeting, somewhat. And I think the response  
18 said something to do with how we assigned  
19 missed dose.

20 CHAIR MUNN: Yes.

21 DR. ULSH: And at the time, it  
22 sounded like, I think you indicated it sounded

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 reasonable but that is not the finding, of  
2 course.

3 MR. STIVER: Yes, I think we would  
4 have to sometime put together a formal  
5 response.

6 CHAIR MUNN: All right. These are  
7 now on our carry-overs for our next meeting.

8 The next item that we have would  
9 be OTIB-0051, item 01.

10 DR. ULSH: All of these items and  
11 the next three or four, 51-01, 47-02, and  
12 OTIB-0019 are similar in that they are  
13 database linking issues. We really made an  
14 effort to get that done in the last foray  
15 before this meeting but we weren't able to do  
16 that.

17 That is going to be real quick.  
18 It is one of those items that we have  
19 essentially closed but we just wanted to  
20 verify that the link is made in the database.

21 So that is going to be pretty quick to do,  
22 now that the database is up and running. We

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 just weren't able to get it done before this  
2 one. But you will probably be getting an  
3 email from us within the next week or two that  
4 says okay, it has now been linked. Here is  
5 how you check it out. And it will be a pretty  
6 simple matter to close.

7 CHAIR MUNN: All right.

8 MEMBER ZIEMER: And that covers  
9 all four of those, 51-01; 47-02; and 19? Just  
10 those three?

11 DR. ULSH: Just those three, yes.

12 MEMBER ZIEMER: Okay.

13 CHAIR MUNN: They are essentially  
14 done but not linked properly.

15 DR. ULSH: Right. We just wanted  
16 to close the loop on the linking issue.

17 CHAIR MUNN: All right. Then we  
18 have now, much sooner than expected, arrived  
19 at TIB-0013, which we were going to have some  
20 information on the rewrite of Findings 3 and  
21 4. I wonder -- do we know if Bob has joined  
22 us yet?

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   MR. KATZ:    Bob Anigstein, are you  
2    on the line?

3                   DR. ANIGSTEIN:  Yes.

4                   MR. KATZ:    Okay, great.

5                   CHAIR MUNN:    Thank you for being  
6    early, Bob.  We appreciate it.

7                   DR. ANIGSTEIN:  Huh?

8                   CHAIR MUNN:    Thank you for being  
9    early.  We appreciate it.

10                  DR. ANIGSTEIN:  Okay.  Let's see  
11    now.  I believe that these three -- Yes, we  
12    wrote 3 and 4 and I think they have  
13    essentially been resolved.

14                  MR. MARSCHKE:        We, for the  
15    Committee, Bob has rewrote 3, 4, and 5,  
16    actually.  He has 3, 4, and 5, actually.

17                  DR. ANIGSTEIN:  You are correct.

18                  MR. MARSCHKE:        And the revised  
19    edits are now in the database.  So if you want  
20    for example on item number issue 3, I am  
21    showing Bob's, up on the screen, edited  
22    version of it, based upon the discussion that

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 took place, I think it was back in January, at  
2 the January meeting.

3 DR. ANIGSTEIN: Should I just read  
4 that one comment?

5 CHAIR MUNN: Hold on for just a  
6 moment, Bob. We are trying to get our  
7 personal computers into the right field of  
8 information.

9 MEMBER ZIEMER: Mine doesn't show  
10 any findings.

11 MR. MARSCHKE: It is OCAS-TIB with  
12 one -- I think it is OCAS dash TIB-013.

13 MEMBER ZIEMER: Only one zero?

14 MR. MARSCHKE: Only one zero. And  
15 I think there is a duplicate in there OCAS  
16 TIB- 0013, which basically a cleanup issue of  
17 the database.

18 MR. STIVER: Well I've got 0013  
19 here.

20 MR. MARSCHKE: Yes. Don't look at  
21 that one.

22 MEMBER ZIEMER: Don't look at

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 that.

2 MR. MARSCHKE: I think there is an  
3 OCAS TIB-013.

4 MR. STIVER: Zero, one, three.  
5 Okay, I have zero, one, three.

6 MR. MARSCHKE: Yes, right now, it  
7 is listed as in abeyance. I'm not sure that  
8 that is the right listing. If you look at the  
9 very end, if you look up, I think the status  
10 was inadvertently changed to in abeyance.

11 MR. STIVER: It should have been  
12 in progress.

13 MR. MARSCHKE: I think it should  
14 be in progress. But now that I understand how  
15 to --

16 DR. ANIGSTEIN: I believe that --  
17 Are we talking about issue 3?

18 MR. MARSCHKE: Yes.

19 DR. ANIGSTEIN: Issue 3, I think,  
20 was closed.

21 MR. MARSCHKE: It was closed?

22 DR. ANIGSTEIN: Let me just read

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 the comment. I didn't want to say it is  
2 closed. Let the workgroup apprise yourself.  
3 The response to issue 3, the final comment of  
4 issue 3 was "We wish to recharacterize our  
5 findings. Review of objective 1.3 that is  
6 part of our procedure asks if the procedure is  
7 complete in terms of required data. We  
8 construe that to mean is the DR given adequate  
9 information to apply the procedure. Under  
10 that interpretation, we find that the  
11 procedure is complete and we changed the  
12 rating from three to five. So that means we  
13 no longer have an issue.

14 MR. MARSCHKE: I'm not sure how we  
15 handle that, Bob, from an administrative point  
16 of view. Because basically what you are  
17 saying is SC&A has rescinded that issue  
18 because before we had it as a three and now we  
19 are basically making it -- in our checklist a  
20 five when we make an issue of a five in  
21 response to our checklist item, that means  
22 there is no issue associated with it.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 DR. ANIGSTEIN: That's right.  
2 Five means good.

3 MR. MARSCHKE: Right. Now but in  
4 the database, we have this issue out there and  
5 if you look at the one above it, it says we  
6 recommended the last change was to change the  
7 status to "in progress." And I am not sure.  
8 We would have to go back and look at the  
9 minutes of the meeting to see whether or not  
10 the Subcommittee actually changed it to in  
11 progress or changed it to in abeyance.

12 But regardless of what they did in  
13 the last meeting, Bob is saying that right now  
14 SC&A doesn't feel that there is any problem  
15 with this and if the Subcommittees were to  
16 agree with that, then we can close this issue.

17 DR. ANIGSTEIN: This goes back to  
18 actually January 7th.

19 MR. MARSCHKE: Right.

20 MR. STIVER: Yes, so that would be  
21 -- let's see what we have.

22 CHAIR MUNN: And now at this

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1        juncture we have an opportunity to do our  
2        first change of status and added information.

3        Can we do this online where we are right now?

4                    MR. MARSCHKE:    Well, I will click  
5        on the edit status button.    And basically I  
6        will do this on behalf of myself, I guess,  
7        because I can't do it on behalf of Wanda.

8                    CHAIR MUNN:    Why not?

9                    MR. MARSCHKE:    Because Wanda's  
10       name doesn't show up.

11                   CHAIR MUNN:    Oh my goodness.

12                   MR. MARSCHKE:    Maybe I can do it  
13       on behalf of John Stiver.    Okay and it shows  
14       up closed.    SC&A has --

15                   MEMBER ZIEMER:    What's the finding  
16       that we are --

17                   CHAIR MUNN:    Finding number 3,  
18       that it was about the rating of the finding.  
19       And after following things through, they have  
20       withdrawn the issue.    They felt the rating was  
21       5, which is not a dire consequence to be  
22       carried.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   MEMBER ZIEMER:     I'm looking at  
2     what is in here now on yesterday's date.

3                   CHAIR MUNN:    On yesterday's date.

4                   MR. MARSCHKE:    I can't show that.

5                   MEMBER ZIEMER:     The status was  
6     inadvertently changed.    Am I looking at the  
7     right one?

8                   MR. MARSCHKE:     Yes.    Yes, I put  
9     that in.

10                  MEMBER ZIEMER:    Yesterday.

11                  MR. MARSCHKE:     I was under the  
12     impression that it was in progress.    That this  
13     issue was in progress but I could have been  
14     wrong on that.    And I will go back in and  
15     maybe we can add that statement.

16                  MEMBER ZIEMER:     Well, I am just  
17     reading what is written.    When it says it did  
18     not work.

19                  MR. MARSCHKE:     I couldn't --

20                  MEMBER ZIEMER:     Oh, I see.

21                  MR. STIVER:     I think he was just  
22     trying to change the status.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   MR. MARSCHKE:    I tried to change  
2     the status.    I didn't understand how the  
3     database was working.

4                   MEMBER ZIEMER:    So while you are  
5     looking at that, why do -- you said this  
6     document is actually 013 not 0013.  There is  
7     an 0013 but each of these sub things are  
8     identified as 0013 items.  That is confusing  
9     me because there is a separate document in our  
10    system which is 0013.

11                  MR. STIVER:    I think I have two  
12    different entries for the same document and  
13    one is complete and the other isn't.  I'm not  
14    quite sure why that is.

15                  MR. MARSCHKE:    It is a cleanup.  
16    We have a --

17                  MEMBER ZIEMER:    This document is  
18    actually 0013?

19                  CHAIR MUNN:    I thought so.

20                  MR. MARSCHKE:    Yes, there is only  
21    one.

22                  MR. HINNEFELD:    Yes, there's only

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 one TIB-13.

2 MEMBER ZIEMER: But to pull it up,  
3 you can't do 0013. You have to pull up 013.

4 MR. HINNEFELD: I think from the  
5 way the database is currently structured, yes,  
6 you have to go to 013.

7 DR. ANIGSTEIN: This is Bob  
8 Anigstein. I just checked on the DCAS  
9 website. And on the DCAS website it is listed  
10 as DCAS-TIB-0013, Rev 01, just as a point of  
11 information.

12 MEMBER ZIEMER: The database here  
13 lists both of them.

14 DR. ANIGSTEIN: I understand that.  
15 I was just, I thought I would just throw in  
16 that additional -

17 MEMBER ZIEMER: If you tried to  
18 put 0013 on the database, you don't get the  
19 right --

20 MR. MARSCHKE: There is a whole  
21 series of OCAS-TIBs that are entered into the  
22 database twice, once as 00 number and once as

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 the 0 number. So there is a whole series of  
2 them.

3 MEMBER ZIEMER: Got you.

4 MR. MARSCHKE: So there is a whole  
5 series of them. If you look here during the  
6 beta testing, if you will, of those database,  
7 we have discovered this and they have not had  
8 an opportunity, the IT people have not had the  
9 opportunity to make the correction yet. But  
10 one of them will be removed and the other one  
11 --

12 Right now, the problem is the  
13 issues are associated with the 013 and not the  
14 0013. So the data is in there for the 013 and  
15 so they either have to, you know, --

16 MEMBER ZIEMER: You look up 0013  
17 and you don't get anything.

18 MR. MARSCHKE: In the database,  
19 you're going to get nothing. Like Bob says,  
20 if you looked it up on the NIOSH website, that  
21 is the one you would find.

22 CHAIR MUNN: Well now I have an

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 entirely different response from my search.  
2 My search gives me DCAS-TIB-0013: Selected  
3 Geometric Exposure Scenario Considerations for  
4 External Dose Reconstruction at Uranium  
5 Facilities. And it also gives me ORAUT-OTIB-  
6 0013, which is Individual dose Adjustment  
7 Procedures for Y-12 Dose Reconstruction.

8 MEMBER ZIEMER: And that is also  
9 the wrong one.

10 MR. STIVER: The one we are  
11 looking at is the Special External Dose  
12 Reconstruction Considerations for Mallinckrodt  
13 Workers.

14 MEMBER ZIEMER: So even though it  
15 is in twice, Steve, it has different titles  
16 also. That is the confusing part.

17 CHAIR MUNN: And neither of those  
18 shows on my list as one of the TIB-0013s.

19 MEMBER ZIEMER: Now we want the  
20 one that is in our database as 013  
21 Mallinckrodt worker one. Right?

22 CHAIR MUNN: Well, I'm not at

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 Mallinckrodt. I'm at other uranium facilities  
2 or at Y-12.

3 MR. STIVER: One way to make it a  
4 little easier is you can filter it on TIBs to  
5 start with.

6 CHAIR MUNN: That's okay.

7 MEMBER ZIEMER: You have got to  
8 pull it up as 013 is the problem.

9 CHAIR MUNN: There it is,  
10 Mallinckrodt. That is bad when we have three  
11 different 13s.

12 MEMBER ZIEMER: It breeds  
13 confusion.

14 CHAIR MUNN: It is a big  
15 confusion.

16 MR. MARSCHKE: Okay, now here is  
17 the real test because I am going to hit the  
18 save button.

19 MR. KATZ: It worked.

20 MR. MARSCHKE: Closed. Great.

21 MR. STIVER: Let me see if I see  
22 the same thing you do. And low and behold, it

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 comes up closed.

2 CHAIR MUNN: And mine still says  
3 in abeyance. I'm assuming that digital  
4 information is working its way through the  
5 system and will eventually appear on my  
6 screen.

7 MR. MARSCHKE: You may have to  
8 refresh your screen. Go off the screen and  
9 then come back on or hit the refresh button.

10 CHAIR MUNN: I just did. Voila!  
11 Closed. And the next item would be 04, which  
12 is showing as in progress.

13 DR. ANIGSTEIN: Yes, this is Bob  
14 Anigstein. What I would suggest, if it is  
15 appropriate, that 04 be transferred to 06  
16 because they are one and the same and there  
17 seems to be -- it is not our fault. It is the  
18 fault of the SC&A review procedure that the  
19 same issue was mentioned under two different  
20 headings but it is the same issue. And  
21 therefore, it would make sense to transfer it  
22 to Finding 6, if such a thing is possible. I

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 know you can transfer issues to different  
2 procedures. I don't know if you can transfer  
3 issues within a given procedure.

4 CHAIR MUNN: Ours currently says  
5 that it was addressed in 05.

6 DR. ANIGSTEIN: No. No, 05 is  
7 totally separate. The insert that I made,  
8 which should be presumably transferred to the  
9 database on July 14th was -- today is July  
10 14th. Oh, I think I have live Word problem in  
11 that I have a volatile date in here, which is  
12 whatever the date was then is continued.

13 Finding 04 and Finding 06 refer to  
14 the same technical issue. That is the  
15 response to Finding 04. And Finding 06 I  
16 believe NIOSH is working on. So it should be  
17 in abeyance or in progress.

18 MR. KATZ: So let's just close  
19 issue 04 and put notate same as issue 06.

20 DR. ANIGSTEIN: No, not 05. We  
21 are talking about issue 04 now.

22 MR. KATZ: Right. That's what I

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 said.

2 DR. ANIGSTEIN: Oh, I'm sorry. I  
3 thought I heard you say issue 05.

4 MR. KATZ: I just said I suggest  
5 we just close issue 04 and notate it is the  
6 same as issue 06. And then issue 06, once  
7 that gets resolved, that takes care of it.

8 DR. ANIGSTEIN: Sounds good.

9 CHAIR MUNN: Logical.

10 MR. STIVER: Okay, right now the  
11 status of 06 is kind of an inverse. It says  
12 addressed in finding. That probably means  
13 finding 04. So that kind of refers to --

14 (Laughter.)

15 MR. KATZ: That works.

16 MR. MARSCHKE: I think you are  
17 right, John.

18 DR. ULSH: Do you want to try  
19 changing the status here and get ambitious?

20 MR. MARSCHKE: Well which one do  
21 you want to change the status of? This  
22 appears to be essentially a restatement of

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 this. I am reading the history of issue six.

2 It says NIOSH says this appears to be  
3 essentially a restatement of Finding 04. So  
4 see response to Finding 04. And then on July  
5 26, 2010 meeting the Subcommittee instructed  
6 SC&A to review the initial response and change  
7 the progress to in progress.

8 MR. STIVER: So which one do you  
9 want to go with?

10 MR. MARSCHKE: Basically I think  
11 what we were going with, I think our intent  
12 was to go with issue -- Let me see. If we go  
13 back to 04 -

14 CHAIR MUNN: I think we were done  
15 with 04.

16 MR. MARSCHKE: Yes.

17 MR. KATZ: So we'll close six.

18 CHAIR MUNN: Well essentially it  
19 is closed. It says addressed in findings.

20 MR. MARSCHKE: Addressed in  
21 findings.

22 MR. KATZ: Okay. So we actually

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 closed it. We don't have to close it.

2 MR. HINNEFELD: The idea behind  
3 that addressed in findings status was that the  
4 closure for this, if somebody is looking for  
5 the closure for this finding, they would know  
6 where to look. I mean, they should be able to  
7 find it. I'm not sure what but I guess you  
8 can pick it out of the text. You should be  
9 able to go to 04 and see the closure. Whereas  
10 if you marked it closed here, you would never  
11 know, although you can cover that in the  
12 comment as well. You can say the closure  
13 action for number four will close this one as  
14 well.

15 For closure action on this item,  
16 see closure of item number 04. And then you  
17 can close this. And that way, it is gone.

18 It is nice to show closed because  
19 that means you don't have to go back and look  
20 at it. It is up to the Subcommittee. I am  
21 just saying something.

22 CHAIR MUNN: Well it seems to me

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 that if we close item 04 and say in a part of  
2 our closure, this action also closes number  
3 06, then we can leave number 06 as it is. It  
4 says addressed in issue 04.

5 MR. HINNEFELD: That's okay with  
6 me. So at the time, in the future when we  
7 close 04. I don't care. Whatever.

8 And then theoretically when you  
9 doing an account of statuses, if you see a  
10 count of you have got six that are addressed  
11 in some other finding, you count them as  
12 closed because they really don't matter.

13 CHAIR MUNN: Yes. For all intents  
14 and purposes, for our meetings here, number 06  
15 is already closed because we said it is  
16 addressed in another finding.

17 MR. HINNEFELD: Right.

18 CHAIR MUNN: So that is closed to  
19 us.

20 MR. HINNEFELD: Right.

21 CHAIR MUNN: So Bob's current  
22 comments need to go under item 04.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 MR. KATZ: Yes, it is closed.

2 DR. ANIGSTEIN: But 06 is left  
3 open.

4 MR. HINNEFELD: We are going to  
5 keep one of them open.

6 MR. KATZ: Right, 04 is going to  
7 stay open. We are closing 06.

8 MR. HINNEFELD: And we will answer  
9 both in one place.

10 MR. KATZ: Right because they are  
11 the same thing.

12 MR. HINNEFELD: All the points  
13 made in both will be answered in one.

14 DR. ANIGSTEIN: Actually based on  
15 what we said earlier, if I can, I think it was  
16 in OTIB-0010, if I can restate a better  
17 understanding of SC&A or at least for myself,  
18 the finding 04 was that it does not provide  
19 adequate guidance. Actually it does provide  
20 adequate guidance, we just disagree with the  
21 guidance. In other words, the technical issue  
22 remains but semantically perhaps 04 should not

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 be an issue because there is sufficient  
2 guidance given. And there is sufficient  
3 guidance given. We just don't agree with it.

4 MR. MARSCHKE: Well NIOSH,  
5 basically if you go back and look at the  
6 history of these two issues, SC&A made two  
7 comments, issues 04 and 06.

8 DR. ANIGSTEIN: I know.

9 MR. MARSCHKE: NIOSH came back and  
10 they responded to issue 04. Then they came  
11 back and then when they got down, they worked  
12 their way down to issue 06, they said, this  
13 appears to be essentially a restatement of  
14 Finding 04, see response to Finding 04.

15 DR. ANIGSTEIN: Okay.

16 MR. MARSCHKE: So I mean, that is  
17 kind of the way it evolved and that is why it  
18 six says addressed in Finding 04. It has  
19 nothing to do with the way SC&A initially made  
20 those findings.

21 DR. ANIGSTEIN: Okay. If I had to  
22 do it all over again, there would not have

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1       been an issue 04. It would have just been 06.

2       But the way it is now, so be it.

3               MR. MARSCHKE: So are we going to  
4 do anything with them or are we going to leave  
5 them the way they are?

6               CHAIR MUNN: Let us indicate that  
7 what Bob has just told us at this meeting and  
8 indicate that we are closing item 6 and  
9 continuing to follow it under 04.

10              MEMBER ZIEMER: Wanda?

11              CHAIR MUNN: Yes.

12              MEMBER ZIEMER: I have a question  
13 on item 04 though. I am reading back through  
14 the initial response that NIOSH made. It  
15 looks to me as if we talked about the fact  
16 that this was an overarching issue. Now, was  
17 that the right one?

18              MR. HINNEFELD: Which one are we  
19 on now, 06?

20              MEMBER ZIEMER: Well this would be  
21 04, which is the same as 06. And then if it  
22 is overarching, does it get transferred.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   Is only part of this overarching  
2 or all of it?

3                   CHAIR MUNN: Well this particular  
4 finding, I think.

5                   MR. HINNEFELD: Our interpretation  
6 of it, if I recall -- I'm speaking from memory  
7 and I'm not sure my memory is correct. I'm  
8 not even sure my interpretation was correct.

9                   The largest portion of the  
10 difference cited between X-10 analysis and  
11 ours was based on angular dependence of the  
12 badge and angular dependence factors that they  
13 had included in their analysis which we had  
14 left out of ours. Ours was strictly geometric  
15 and did not address angular dependence of the  
16 badge.

17                   If that is correct, I'm not sure  
18 it is correct, then I think the whole thing to  
19 be overarching issue of angular dependence of  
20 the badge. Because that has come up a number  
21 of times and how are we at the program going  
22 to deal with angular dependence of a dosimetry

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 badge?

2 Now Bob, if there is more to it,  
3 then we will keep it open and we will treat  
4 one part separately and the other part as an  
5 overarching issue, the angular dependence  
6 overarching issue.

7 DR. ANIGSTEIN: Can I respond to  
8 this now?

9 CHAIR MUNN: Yes, please Bob, do.

10 DR. ANIGSTEIN: We found a ratio  
11 of 7.6 between the lower torso and dosimeter  
12 inn contrast to a factor of 2.125 reported by  
13 NIOSH. That 7.6 does not use angular  
14 dependence. The 7.6 was the HP(10,0). The  
15 zero -- ten refers to the ten millimeter deep  
16 dose. The zero refers to the angle of  
17 incidence, which is normal here.

18 There is no angular. In both  
19 cases we assume normal incidence.

20 MR. HINNEFELD: Okay.

21 DR. ANIGSTEIN: And so the 7.6 is  
22 not based on angular. If you throw an angular

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 dependence, which is not mentioned here but it  
2 is mentioned elsewhere, the ratio is 10 point  
3 something.

4 MR. HINNEFELD: Okay. So it would  
5 appear then that this should, that that part  
6 of our response should not be there. There  
7 does not look to be an angular dependence.

8 DR. ANIGSTEIN: The reason, if I  
9 can clarify, the reason for the difference is  
10 that we calculated the dose to a point on the  
11 body just opposite this uranium ingot as that  
12 is the most sensitive organ, regardless of  
13 which organ it is because we get different  
14 organs depending on where this thing was  
15 found. And then we calculated the dose at the  
16 position of the dosimeter.

17 What the NIOSH did using Attila  
18 was they got an average of the organ. They  
19 got a whole bunch of organ doses or locations  
20 in the chest, the upper torso, and then used  
21 MCNP sampling using the Crystal Ball program  
22 to get a distribution. But the point is, our

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 point is the claimant does not have a  
2 distribution of cancer to the different  
3 organs. He has a cancer to a particular  
4 organ. And, therefore, it is inappropriate to  
5 use a distribution of organs. You should take  
6 the most limiting organ or, if they wish to  
7 have a different correction factor for each  
8 organ, then there would have to be a whole  
9 table that is, you know, if it is a cancer of  
10 the large intestines, this is the correction  
11 factor you use. If it is a cancer of the  
12 liver, this is the correction factor you use.

13 But barring that, it should be the  
14 most claimant favorable. Which means the  
15 organ that gets the most dose from the uranium  
16 ingot and the ratio of that to the dosimeter  
17 on the lapel. We didn't even put it on the  
18 lapel. We put it in the center of the chest.

19 When you put it in the lapel, it is off to  
20 one side. So again, there is still a slightly  
21 increased distance, which is not very big.

22 That is our point in a nutshell.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 We agree, based on other calculations that we  
2 have done in the past, we agree that MCNP and  
3 Attila probably yield very similar results.  
4 But it was the way the Attila results were  
5 utilized that is our objection.

6 CHAIR MUNN: Yes, Paul?

7 MEMBER ZIEMER: It doesn't appear  
8 to me that that showed up in the list of  
9 exchanges here.

10 CHAIR MUNN: No, I'm not getting  
11 that from this at all.

12 MR. MARSCHKE: I was just going to  
13 make that point. I think, Bob, what we do if  
14 we look at the database, we have the NIOSH  
15 initial response. And then the next thing we  
16 have in here is instructions from the  
17 Subcommittee for SC&A to review the NIOSH  
18 initial response. And then we just have the  
19 small Word that you made the other day saying  
20 that 04 and 06 are together.

21 I think this is an SC&A action  
22 item to respond to the NIOSH initial response

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 with words similar to what you just said.

2 DR. ULSH: It might just be --  
3 since the database was down.

4 MR. MARSCHKE: It might have been.  
5 Yes, you might already have those words  
6 someplace and we just couldn't get them into  
7 the database. I think we might have had this  
8 same discussion back in January.

9 CHAIR MUNN: It certainly sounds  
10 familiar to me.

11 MR. MARSCHKE: A very similar  
12 discussion back in January. But that would be  
13 -- I mean, it looks like, looking at the  
14 history here is the ball is in SC&A's court.

15 MEMBER ZIEMER: Yes, there is  
16 something missing here. We did, I think we  
17 did discuss it and maybe you looked at Bob's  
18 paper but it doesn't show up here.

19 MR. MARSCHKE: Right, it doesn't  
20 show up.

21 MR. STIVER: From what it reads,  
22 it never made it into the database.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   MR. MARSCHKE:    The first thing I  
2    have to do, Bob when I get back to my office  
3    tomorrow is look to see whether or not, or you  
4    can also look to see whether or not you have  
5    written a response to the NIOSH initial  
6    response.    And if so, then I have to enter  
7    that into the database.

8                   DR. ANIGSTEIN:    When would that  
9    have been?

10                  DR. ULSH:    I'm almost certain we  
11   discussed it at the last meeting of this  
12   Subcommittee, whenever that was.    Was that  
13   March?

14                  CHAIR MUNN:    March is the last  
15   meeting of this Subcommittee.    The one prior  
16   to that, the one that I expected the field  
17   discussion to have taken place would have been  
18   the January meeting.    Either January or March.  
19   Both of them are posted.

20                  MR. MARSCHKE:    The instruction  
21   from the Subcommittee to SC&A to review the  
22   NIOSH initial response came to us in August of

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 2010.

2 CHAIR MUNN: Yes.

3 MR. MARSCHKE: So I mean, it may  
4 have been, if you look in the August 13, 2010  
5 minutes of meeting, that might have it. We  
6 probably discussed something there.

7 CHAIR MUNN: All right. So the  
8 action right now --

9 DR. ANIGSTEIN: I have a reply  
10 from January where I basically what I just  
11 said.

12 MR. MARSCHKE: Okay, well we need  
13 to get that into the database.

14 MR. HINNEFELD: I guess it would  
15 help matters if you would just send that to  
16 Steve. Would that be alright if he just  
17 forwarded it to you?

18 MR. MARSCHKE: Right.

19 MR. HINNEFELD: If you would, just  
20 send that to Steve.

21 DR. ANIGSTEIN: Well actually, it  
22 is in the most current response also, the

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealgross.com](http://www.nealgross.com)

1 reply.

2 MR. HINNEFELD: Okay.

3 CHAIR MUNN: As long as Steve has  
4 that, then he can get it inserted into our  
5 current information status and we will be able  
6 to then ask NIOSH if there is some initial  
7 response to that.

8 MR. MARSCHKE: We may be able to  
9 -- When I put it into the database, I can send  
10 an email to Brant and tell him that it is in  
11 the database and whether NIOSH wants to -- You  
12 know, so that we don't have to take one step  
13 every meeting. Maybe we can take two steps  
14 before the next meeting.

15 CHAIR MUNN: Thank you if you do  
16 that. I appreciate that. We will expect that  
17 to happen so that with any luck at all, the  
18 next action item will actually be NIOSH,  
19 hopefully.

20 MR. STIVER: Yes, I have Bob  
21 Anigstein's reply right here. It should have  
22 gone in there. It is even listed as a finding

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1     like it was extracted from the database, which  
2     is kind of strange. We will go ahead and get  
3     that.

4             CHAIR MUNN: All right. Then you  
5     can send that directly to Steve and he will  
6     have it. And we will go on from there.

7             That brings us to response number  
8     05, which is shown as Brant's action item.

9             MR. HINNEFELD: Yes, we really  
10    haven't prepared a response on this. I would  
11    like to talk about this one just a little bit.

12            CHAIR MUNN: All right.

13            MR. HINNEFELD: This one has to do  
14    with the first finding was it wasn't really  
15    clear, you know dimensions of the person or  
16    the glove box. Things like that weren't  
17    really clear.

18            So we revised the TIB and sort of  
19    said additional things. We said the human  
20    figure is six feet tall. That would be  
21    average and so the correction factor would  
22    actually be, it was essentially -- if the

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 person were shorter than six feet all, the  
2 geometric adjustment would be smaller. And we  
3 figured that since we were pretty tall, that  
4 is sufficiently conservative.

5           And then SC&A's response to that  
6 is not maybe sufficiently conservative. They  
7 give some statistics about U.S. males between  
8 18 and 74 gives the 90th percentile heights in  
9 centimeters. So the 90th percentile is about  
10 61.6 inches and then since heights are  
11 normally distributed roughly, they estimate  
12 that the height of a six foot person would  
13 represent about the 80th percentile.

14           So from our standpoint, we are  
15 making a general adjustment of somebody  
16 working in the glove box. And we are being,  
17 we feel like we are being sufficiently  
18 conservative by saying, you know, 80 percent  
19 of the people are this tall or smaller, that  
20 is sufficient and there are other  
21 conservatisms built into the dose  
22 reconstruction approaches that we don't have

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 to use the 95th percentile of the population  
2 at every state.

3 So we feel like we are okay where  
4 we are. So, that is kind of my take on that  
5 whole issue. You are talking about an  
6 adjustment of some, I guess, two or three  
7 inches. You would have to get above 90th  
8 percent if you were going to go to 95th  
9 percentile. So, it would be somewhere around,  
10 you would have to go from somewhere around six  
11 foot to six foot-two, maybe a little bit over  
12 six foot-two, apparently.

13 And I just don't see how it gains  
14 you that much in the context of what we are  
15 trying to accomplish here.

16 MEMBER ZIEMER: How much does that  
17 change the actual calculated dose? You are  
18 talking about the difference from the chests.

19 MR. HINNEFELD: Essentially from  
20 their navel --

21 MEMBER ZIEMER: Oh.

22 MR. HINNEFELD: -- to their chest.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealgross.com](http://www.nealgross.com)

1 For someone who is six feet tall versus maybe  
2 six-three, six-two or six-three.

3 DR. ANIGSTEIN: Excuse me. It  
4 would be the difference from the navel to the  
5 dosimeter on the lapel.

6 MR. HINNEFELD: The lapel, yes.  
7 So the navel to the lapel.

8 MEMBER ZIEMER: Let me just make a  
9 comment. If you look at heights of people,  
10 they don't necessarily relate to the torso.

11 MR. HINNEFELD: Well that is true.

12 MEMBER ZIEMER: A lot of it is in  
13 legs. And it turns out and you can see this  
14 in seating, that the difference in height  
15 amongst people who are seated is very much  
16 less than the difference of their actual  
17 heights.

18 DR. ANIGSTEIN: But aren't the  
19 glove box workers standing rather than  
20 sitting?

21 DR. ULSH: Yes, but the difference  
22 we are talking about --

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   MR. STIVER:    Yes, we are talking  
2                   about the torso length.

3                   DR. ANIGSTEIN:   Yes, I know.    But  
4                   the torso, it is the elevation of the lapel  
5                   dosimeter above the level of the glove box  
6                   working area.

7                   MR. MARSCHKE:    We're not really  
8                   talking about navel to lapel.   We are talking  
9                   about table top to lapel.

10                  DR. ANIGSTEIN:   Right.    And the  
11                  table top, they are standing.   So the table  
12                  may sit lower on the body.

13                  MR. MARSCHKE:   If you had longer  
14                  legs, the table top would be further away.  
15                  The organs that we are calculating dose to  
16                  would be higher as well.

17                  DR. ANIGSTEIN:    But there could  
18                  still be sensitive organs right opposite the  
19                  table.

20                  MR. HINNEFELD:    My position is  
21                  still that you are jousting.   You are using  
22                  that hammer to hit and smash flies here.   I

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 mean, what do you really expect out of this?  
2 How fine of a number do you want on this  
3 adjustment?

4 DR. ANIGSTEIN: I agree. I don't  
5 maintain it is a major issue. I just look  
6 very carefully at our charger, which is to see  
7 that the findings, the documents that you  
8 review are scientifically accurate.

9 And you know, the six foot was  
10 chosen arbitrarily. There was no statistic,  
11 you know. I found the statistics on the  
12 distribution. NIOSH did not supply the  
13 statistics. So it is not a show stopper but  
14 still it seems it should be -- I would still  
15 say the comments should be taken into account.

16 If it there is text to be added to  
17 the TIB to explain why this was, and if the  
18 Board or the Subcommittee agrees that that is  
19 adequate, that that is a possibility.

20 Right now, the six foot is just  
21 thrown in as a given, with no explanation.  
22 And the revised TIB still did not include any

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 discussion of it.

2 MEMBER ZIEMER: Has anyone done a  
3 calculation to show how much difference you  
4 would get for actual organ doses?

5 DR. ULSH: No, we haven't. And if  
6 the Subcommittee decides that they want a  
7 NIOSH response, that is probably what it will  
8 contain.

9 MEMBER ZIEMER: Okay. I am just  
10 trying to get a feel whether we are talking  
11 about a couple percent which would -- but then  
12 what we are trying to do here is sort of  
13 trivial.

14 I mean, if we are talking about  
15 factors of two or three in dose, that is one  
16 thing. If we are talking about a few percent  
17 change in the dose because we have a little  
18 percent change in height, which is not great,  
19 which I don't have a feel for that. I just  
20 wondered if anyone had --

21 MR. STIVER: Actually, with the  
22 atomic veterans are going to have to do this

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 very same exercise, looking at different  
2 heights, different proportions,  
3 proportionality. And actually, the Air Force  
4 has published some studies on that they used  
5 for developing cockpit sizes and placement of  
6 various instruments.

7 And we used it to calculate beta  
8 dose to organs for people at various heights,  
9 which you know is going to drop off  
10 considerably, more so than gamma ratios. And  
11 as you recall, the beta-gamma ratios, gamma  
12 doses that we modeled didn't change much at  
13 all over a few centimeters. It is very  
14 trivial.

15 Now I don't know how this would  
16 translate to this particular problem here.

17 MEMBER ZIEMER: Well I think that  
18 glove box you are talking about pretty much  
19 penetrating stuff as opposed to beta dose. I  
20 mean, the beta dose at your glove box should  
21 be zip.

22 My intuitive feeling is it is

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 small but I just wondered if anybody had  
2 actually quantified it.

3 MR. HINNEFELD: Oh, this isn't  
4 glove box? This is the uranium ingot?

5 DR. ANIGSTEIN: Okay, well I just  
6 --

7 MR. HINNEFELD: Well it still  
8 going to be lathe height. I mean, it is still  
9 going to be the same issue. The height of the  
10 lathe.

11 MR. STIVER: Basically the change  
12 in dose rate is height from the --

13 MR. MARSCHKE: Bob, do you have  
14 any idea how much?

15 DR. ANIGSTEIN: If I could break  
16 in, I just did a quick calculation. And I  
17 agree, the change, if you just, you know let's  
18 use the inverse square law and assume that the  
19 lapel moves proportional to the height, which  
20 is not quite accurate. I agree. We are  
21 talking about changes of probably less than  
22 ten percent.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 I concede that it is not a --

2 MEMBER ZIEMER: I think in terms  
3 of what we are -- I mean, these are broad  
4 estimates in the absence of detailed data and  
5 we are talking about groups of people for whom  
6 we don't know the height. And the question  
7 does it make a difference if we use six foot-  
8 two, rather than six foot?

9 MR. STIVER: You are trying to  
10 kind of scale it to the height of the  
11 claimant. I think that we have a tendency to  
12 introduce more detail and precision than is  
13 really warranted by the source.

14 MEMBER ZIEMER: Well I think 80  
15 percent you could argue that that is pretty  
16 conservative. I don't think legally you are  
17 required to like the 95th or 99th like you  
18 would in the final.

19 CHAIR MUNN: I wouldn't think so.

20 MR. HINNEFELD: The only time  
21 anything is specified is the actual --

22 CHAIR MUNN: It is the opinion of

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 the Chair that the information that has been  
2 provided is adequate and that there is no  
3 reason to pursue this particular technical  
4 issue further. The process that has been  
5 explained by NIOSH is acceptable to me. And I  
6 would like to see us close this.

7 MEMBER ZIEMER: It is acceptable  
8 to me. Can we close it with two people?

9 CHAIR MUNN: Do we have any major  
10 -- Do I hear any comments to the contrary?

11 If not, please indicate, Steve,  
12 that the committee accepts the NIOSH position  
13 with respect to the adequacy of their approach  
14 and we have closed the item.

15 MR. MARSCHKE: Okay.

16 CHAIR MUNN: Fine. I have one  
17 last question before we leave this particular  
18 set of issues and that is with respect to the  
19 nomenclature of the title, since I personally  
20 had so much trouble finding this where it is  
21 supposed to be and I now know that there are  
22 three different items on our list of

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 procedures in the system with a TIB-13  
2 somewhere in the title. Shall we make an  
3 attempt to remove one of these zeros so that  
4 we won't continue to do that or not?

5 MR. MARSCHKE: That is an action  
6 item that has been, at least to get rid of  
7 OCAS-TIB. So there is only one OCAS-TIB-13 in  
8 the system. Now I don't know about the DCAS-  
9 TIB; DCAS-TIB and OCAS-TIB how they all  
10 interface with each other.

11 DR. ULSH: NIOSH is taking this as  
12 an action item to go through the information  
13 that is currently in the database and remove  
14 any duplicate entries, making sure that we  
15 don't lose anything when we do that. We will  
16 take care of that.

17 MR. MARSCHKE: Also there seems to  
18 be there was OCAS-TIB-10 was not in the  
19 database, either as OCAS-TIB-010 or as OCAS-  
20 TIB-0010 that I could find.

21 DR. ANIGSTEIN: Steve, if I can  
22 submit a point of information. These

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 according to the NIOSH or the DCAS website,  
2 you have for each number there is a TIB, which  
3 is a DCAS or originally OCAS and there is an  
4 OTIB -- I'm sorry. Forget what I just said.  
5 I was thinking of ORAU. Cancel my comment.

6 DR. ULSH: So that's just a  
7 cleanup the data in the database issue. That  
8 is our responsibility to do that.

9 CHAIR MUNN: Okay. We will ask  
10 about that come next meeting.

11 DR. ULSH: I have no doubt you  
12 will. We will get right on it.

13 CHAIR MUNN: Excellent.

14 The next items to be addressed is  
15 OTIB-0052, Rev. 1 Report. It is an SC&A item.  
16 And where should we be looking?

17 MR. MARSCHKE: Nancy Johnson sent  
18 an email to everybody a couple of days ago on  
19 the 11th. Monday, 7/11 Nancy Johnson sent an  
20 email to I guess it was to the Board  
21 transmitting a report that SC&A had put  
22 together reviewing Revision 1 to OTIB-0052.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 And OTIB-0052 is the construction worker dose  
2 OTIB.

3 MR. STIVER: It's on the 11th?

4 DR. ULSH: I don't see that you  
5 got it, John.

6 MR. STIVER: I got it.

7 MR. MARSCHKE: I sent it to John.  
8 I know John got it.

9 MR. STIVER: Okay, I got it.

10 MR. KATZ: Who is presenting this  
11 one?

12 MR. MARSCHKE: I am.

13 MR. STIVER: Okay, I have got my  
14 copy pulled up now.

15 MR. MARSCHKE: I don't know how  
16 much detail everybody wants to get into on  
17 this. I prefer to speak. I wrote the report.  
18 I did the initial review of OTIB-0052. So I  
19 am familiar with this. I don't know if NIOSH,  
20 how much they want us to get into it. I don't  
21 know if they have looked into our report here  
22 from Monday.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS  
1323 RHODE ISLAND AVE., N.W.  
WASHINGTON, D.C. 20005-3701

1 CHAIR MUNN: Has NIOSH had an  
2 opportunity to even look at it?

3 MR. HINNEFELD: Well not in any  
4 detail. It came in Monday.

5 MR. MARSCHKE: It came in on  
6 Monday probably with a whole bunch of other  
7 emails that were at the various --

8 CHAIR MUNN: Have you read enough  
9 --

10 MR. KATZ: Why don't we have Steve  
11 give a summary of it?

12 MR. HINNEFELD: There is a summary  
13 table of what they found.

14 MR. KATZ: And then if that raises  
15 any questions that need clarification and that  
16 will be helpful for DCAS to respond.

17 MR. STIVER: Sort of just the  
18 important issues.

19 CHAIR MUNN: Please if you would,  
20 Steve, just give us a --

21 MR. MARSCHKE: What I show on the  
22 --

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   MEMBER ZIEMER:   What's the name of  
2   the document?

3                   MR. HINNEFELD:   It's construction.

4                   CHAIR MUNN:     It's one of those  
5   data pages that shows the whole activity up to  
6   this point.

7                   MR. HINNEFELD:   OTIB-0052 Rev. 1,  
8   Parameters to Consider When Processing Claims  
9   for Construction Trade Workers.

10                  MEMBER ZIEMER:   Nancy distributed  
11   it on Monday?

12                  MR. HINNEFELD:   Yes, on Monday.  
13   It is a --

14                  MEMBER ZIEMER:   We got two on  
15   Monday. One is for Linde and one is for  
16   Hanford.

17                  MR. STIVER:     I have it here. I  
18   can send it to you.

19                  DR. ULSH:       Yes, you're on the  
20   list. It is from Nancy Johnson.

21                  MEMBER ZIEMER:   Yes.

22                  CHAIR MUNN:     It's way back.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   MEMBER ZIEMER: She may have just  
2 sent it to my -- although, she usually sends  
3 it to --

4                   MR. MARSCHKE: Paul Ziemer, it's  
5 on your CDC. It should be on your CDC email.

6                   MEMBER ZIEMER: That's where I'm  
7 looking right now. Let's see if I moved it  
8 into this.

9                   MR. MARSCHKE: The name of the  
10 document or subject is Transmittal of Draft  
11 Document SCATR2011-0004.

12                   CHAIR MUNN: Entry items.

13                   MR. STIVER: Okay, Paul, I'm  
14 sending it to your address.

15                   MEMBER ZIEMER: Yes. Actually, I  
16 think I moved it into the Procedures Review  
17 file already is probably what I did.

18                   MR. STIVER: You'll have an extra  
19 copy here in about a minute.

20                   MEMBER ZIEMER: No, I'm not sure  
21 it is in there. Oh, here it is. I got it.  
22 Here it is. I got it anyway. Thanks.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealgross.com](http://www.nealgross.com)

1                   Sorry for the delay. I've got it.

2                   CHAIR MUNN:       No.       There's no  
3                   problem.

4                   MR. MARSCHKE:    Okay?

5                   CHAIR MUNN:    Go ahead, Steve.

6                   MR.    MARSCHKE:       Well    in    the  
7                   Executive Summary, it is page five of the PDF  
8                   file, page five of the report as well. There  
9                   is a table, an unnumbered table that shows the  
10                  findings associated with OTIB-0052, there were  
11                  16 of them, and what their status was prior to  
12                  Revision 1 and what their status is after  
13                  Revision 1.

14                  I guess I should also mention that  
15                  Revision 1 was issued by NIOSH on February  
16                  17th of this year. SC&A became aware of it  
17                  and we took it upon ourselves to examine it,  
18                  review it to see whether or not it addressed  
19                  some of the outstanding issues that were  
20                  remaining with OTIB-0052.

21                  So you can go down here and you  
22                  can see a number of the issues that were in

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 progress. We are recommending that they be  
2 closed as a result of Revision 1. A few of  
3 them, a couple of them were transferred to  
4 OTIB-0020. This has mostly to do with the  
5 fact that there could be some construction  
6 workers working in some facilities at some  
7 times that we see doses higher than your  
8 average individual.

9 And we want -- OTIB-0020 already  
10 has a caution, a general caution for workers  
11 that the standard procedures may not be  
12 applicable under certain conditions. We  
13 wanted to change that standard recommendation  
14 and we had discussed this previously the last  
15 time we talked about the OTIB-0052. And if  
16 you look in here, there was a recommended  
17 wording changes to OTIB-0020 that would  
18 address that.

19 Since OTIB-0020 -- The changes  
20 have not been made to OTIB-0020. So those  
21 three OTIB-0052 issues that were transferred  
22 to OTIB-0020 remain open and still active, I

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 guess.

2                   There were a couple of issues 12,  
3 13, and 14 really are probably the three that  
4 we want to focus on because those are the ones  
5 that we are recommending be in progress at  
6 this point. So if we can skip back to the  
7 discussion of those, basically it begins on  
8 page 16.

9                   CHAIR MUNN: 52-13?

10                   MR. MARSCHKE: 52-12. Fifteen.  
11 I'm sorry. Page 15.

12                   It had to do with the initial  
13 finding from SC&A was that the REX database at  
14 Hanford was not used. Needs to evaluate  
15 results based upon the REX database.

16                   The initial response that we  
17 received from NIOSH and this was a long time  
18 ago, maybe in 2008, was as you see there, it  
19 says basically the data used in the Hanford  
20 analysis was extracted by the site expert from  
21 the REX database and provided in the OTIB --  
22 and provided to the OTIB-0052 team as

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 spreadsheet files. The identity of the source  
2 data was not communicated in the text of OTIB-  
3 0052. Any subsequent revision will correct  
4 this oversight.

5           Unfortunately, the change to the  
6 OTIB did not include the fact that REX was  
7 used. They went back to -- if you look on the  
8 appendix on page 22, that shows the revision  
9 that was made to Section 6.1 in response to  
10 Finding 52-12. You can see basically that  
11 they state somewhere towards the end of that  
12 finding, the very last line, it says that the  
13 use of data from the REX database was  
14 considered and rejected. The site expert  
15 cautioned that prior to 1965 the database  
16 contains no information that would  
17 differentiate construction trade workers from  
18 General Electric employees. So that kind of  
19 contradicts what the initial response said.  
20 And so we really would like to see -- we  
21 prefer the initial response where they used  
22 REX and particularly after 1965. I mean, this

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1       could be a reason for not using REX prior to  
2       1965 but why didn't they use REX after 1965?

3               So basically previously we had  
4       said when we were under the impression that  
5       NIOSH was going to indicate that they did use  
6       REX or they had consulted REX and the document  
7       was in error, then we agreed with them and we  
8       had classified the issue as being in abeyance.

9               Now when they are basically  
10       backing off from that statement about the use  
11       of REX, we are going to basically recommend  
12       that the status be changed from in abeyance  
13       back to in progress.

14               So that is it.

15               CHAIR MUNN: In light of the fact  
16       that NIOSH hasn't had an opportunity to see  
17       your comments and respond to them, it would  
18       seem reasonable to return it to in progress  
19       until that item and any others that you have  
20       can be addressed. We need to have a NIOSH  
21       response to your concerns.

22               MR. MARSCHKE: Do you want to make

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 changes to the database status now as we are  
2 going along, Wanda?

3 CHAIR MUNN: I think that would be  
4 wise. Yes, we should. I'm not sure how much  
5 detail about your concerns needs to be  
6 included but --

7 MEMBER ZIEMER: This is still,  
8 this is Rev. 1 that we are making the change  
9 on. Right?

10 CHAIR MUNN: Yes, that is correct.

11 MEMBER ZIEMER: So you are going  
12 to indicate that your change of status is  
13 based on what you have seen in Rev. 2, though.

14 MR. STIVER: It says Rev. 0 here.

15 MR. MARSCHKE: Well the original  
16 findings were made on Rev. 0.

17 MEMBER ZIEMER: And that is what  
18 -- This is a Rev. 0 finding.

19 MR. MARSCHKE: This is a Rev. 0  
20 finding and we were saying that based on the  
21 review of Revision 1.

22 MEMBER ZIEMER: Okay. Yes, that's

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 good. That is what I wanted to clarify.

2 Okay, it is Rev. 1.

3 CHAIR MUNN: If the only errors we  
4 get are spelling errors, we are happy campers.

5 MR. MARSCHKE: Okay. Maybe if we  
6 change course here a little bit. We are  
7 changing statuses. Then maybe we want to go  
8 and look at some of these ones that we are  
9 recommending be closed.

10 CHAIR MUNN: Well, I would hope  
11 that that would be something that we could  
12 agree could be done away from the table.  
13 Those that you have suggested be closed based  
14 on this Rev. 1, if NIOSH agrees that they  
15 should be closed, then we can certainly close  
16 out those six.

17 MR. MARSCHKE: We usually need the  
18 Subcommittee's direction before we can close  
19 them out.

20 CHAIR MUNN: That is why I am  
21 saying now if NIOSH, even given their lack of  
22 time to review this, if they agree with your

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 agreement of closed status, I can see no  
2 reason why those shouldn't be closed now.

3 Yes, Paul?

4 MEMBER ZIEMER: Do we know that in  
5 all cases the closure is based on these are  
6 items that the Subcommittee has previously  
7 asked to be done and they have been done or  
8 have been agreed to by NIOSH?

9 CHAIR MUNN: We can run through  
10 them quickly. They should be right here on  
11 our database.

12 MR. MARSCHKE: Item 5, issue 5 --

13 MR. STIVER: Five was the issue of  
14 plutonium and uranium.

15 CHAIR MUNN: That is still in  
16 progress.

17 MR. STIVER: We were concerned  
18 about possibly other nuclides that could have  
19 been involved.

20 MR. MARSCHKE: Yes. Issue 5 was  
21 plutonium. The issue was plutonium and/or  
22 uranium are used to compare internal

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 construction workers and all monitored worker  
2 doses. What about other radionuclides?

3 And what NIOSH has done -- and we  
4 have talked about this in the past. If you  
5 have been looking at documents, there have  
6 been numerous Subcommittee meetings on OTIB-  
7 0052, including teleconferences. And again,  
8 the change that NIOSH made was to add a  
9 paragraph to the document, limitations and  
10 exceptions.

11 And in that they said in response  
12 to five, specifically they say, "Analysis and  
13 recommendations in this document are based  
14 upon data that were readily available, and  
15 abundant enough to enable statistically  
16 significant comparisons. Consequently, there  
17 may be unusual cases in which the  
18 recommendations of this document do not apply.

19 Intakes of less common radionuclides, those  
20 other than uranium or plutonium, are not  
21 assessed. Refer to the site Technical Basis  
22 Document for information regarding less common

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 radionuclides."

2 So with that paragraph inserted  
3 into OTIB-0052, we believe that it addressed  
4 our concern and we are ready to sign off on  
5 it.

6 CHAIR MUNN: Is there any  
7 objection to doing so?

8 (Pause.)

9 CHAIR MUNN: Taken without  
10 exception that we may now close this item.

11 MR. KATZ: They haven't included a  
12 spell checking function on this yet?

13 MR. MARSCHKE: Maybe they have. I  
14 haven't figured it out yet.

15 CHAIR MUNN: Very good.

16 MR. MARSCHKE: The next one we are  
17 recommending is 9.

18 CHAIR MUNN: Did the status get  
19 changed to closed?

20 MR. MARSCHKE: It was five?

21 CHAIR MUNN: Five, correct.

22 MR. MARSCHKE: Closed.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 CHAIR MUNN: Closed. Very good.

2 MR. KATZ: This also processes  
3 much more quickly than --

4 MR. MARSCHKE: Yes.

5 MR. STIVER: This thing should be  
6 a little bit more streamlined.

7 MR. MARSCHKE: There's one thing I  
8 should, I guess, while we are talking about  
9 issue 5 and NIOSH will see this when they read  
10 it, because the Revision 1 is now basically  
11 limiting the internal exposures to uranium and  
12 plutonium only, we are hoping to see a PER  
13 that would go back and look to see if there  
14 have been cases where OTIB-0052 had been used  
15 to calculate internal doses for radionuclides  
16 other than uranium and plutonium.

17 And one of the things that I know  
18 comes into my mind, based upon some of the  
19 experience I have had, is that the Evaluation  
20 Report to Savannah River SEC referred to OTIB-  
21 0052 methodology and their critical nuclide  
22 was, of course, tritium. So there may be some

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 kind of -- And I don't know if that would  
2 actually fit under a PER or some kind of a PER  
3 type of thing has to go back and look to see  
4 where OTIB-0052 or if OTIB-0052 internal dose  
5 methodology has been used for other  
6 radionuclides in other documents in other dose  
7 reconstructions.

8 DR. ULSH: I kind of hate to say  
9 this, but shouldn't item 5 be closed?

10 MR. MARSCHKE: Item 5, as far as  
11 the comments itself, I think is closed. I  
12 mean, I think now basically what you have done  
13 in SC&A's mind and in my mind is you have  
14 limited OTIB-0052 to only, the internal  
15 portion of it, to only uranium and plutonium.

16 DR. ULSH: Well right. But how  
17 are we going to track this?

18 MR. MARSCHKE: Just the same way  
19 you make any -- I mean, PERs is the way you --

20 It is my understanding that when  
21 you change a procedure, you use the PER  
22 process to --

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 DR. ULSH: I am accepting on the  
2 face of it your argument that a PER, we at  
3 least need to look and see if a PER is  
4 necessary. How is that actually going to be  
5 tracked then, if we close item number 5? We  
6 don't need to?

7 MR. KATZ: I mean, that is part of  
8 your internal procedures to deal with PERs  
9 when you need them.

10 MR. HINNEFELD: The revision to  
11 OTIB-0052 in and of itself should prompt a  
12 look back to see if we look at any cases  
13 because of it, regardless of whether it was  
14 ever viewed in this group.

15 DR. ULSH: Okay.

16 MR. KATZ: One thought. Just a  
17 thought about this database. Another  
18 functionality issue that just popped in my  
19 head as we are going through this. It might  
20 be nice if you could also generate from the  
21 database action items like this. I think that  
22 would be really handy if you could prevent

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 DCAS action items or SC&A action items. If  
2 you could just have this thing generate those  
3 lists, send a search for them or whatever, it  
4 will be very handy. Don't you think?

5 DR. ULSH: Yes, I do. But I am  
6 trying to think of the most efficient way to  
7 do that. I am wondering if -- yes. I guess I  
8 mean if we got the function where we could  
9 sort out all of the in progress items, that  
10 gets you halfway there. But then you would  
11 have to go into thread to look for the action.

12 MR. KATZ: Then you have to go in  
13 and go through all those.

14 It would be nice to have a roster  
15 for the current DCAS action items here, the  
16 current SC&A action items.

17 DR. ULSH: I agree with you that  
18 would be nice. I can't commit to it without  
19 talking to Yemi.

20 MR. KATZ: No, I'm not saying. I  
21 just think it is something worth looking into  
22 because it would help all of us from meeting

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 to meeting.

2 CHAIR MUNN: It will be simpler to  
3 do once the function is in that will allow us  
4 to sort by status. Then we can status  
5 specific items and at least it will reduce the  
6 bulk of material you have to look at.

7 MR. STIVER: You can filter it  
8 down just to those few issues that are still  
9 open. And then we could have a flag of some  
10 sort that would indicate action items being  
11 pursued.

12 CHAIR MUNN: Right.

13 MR. KATZ: Well anyway, it is just  
14 a thought.

15 MEMBER ZIEMER: It is really built  
16 into this sort of a matrix that is there. It  
17 is what we used to do. You had your chart, --

18 CHAIR MUNN: Yes.

19 MEMBER ZIEMER: -- the number of  
20 issues, number of each one that is closed.  
21 And that is in the system.

22 CHAIR MUNN: Once we have the

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealgross.com](http://www.nealgross.com)

1 status filter.

2 MEMBER ZIEMER: How about what  
3 each of those colored dots. Red dot, orange  
4 dot -- color coded.

5 MR. MARSCHKE: We had something or  
6 we tried to use something similar to that way  
7 back when we had the Access database. It  
8 never really became functional. I think it  
9 was just too --

10 MEMBER ZIEMER: We had to do it  
11 mechanically.

12 MR. MARSCHKE: Yes. Wanda has  
13 been doing an excellent job of keeping track  
14 of, of keeping everybody honest here with her  
15 carry-over items list and so on and so forth.

16 CHAIR MUNN: We have had things  
17 drop.

18 MR. KATZ: Yes. Balls fall in the  
19 cracks though quite a bit over the past few  
20 years on all sides. And this would just be a  
21 nice way to --

22 CHAIR MUNN: Yes.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1           MR. STIVER: We would have to have  
2 a way to close the matters, once they were  
3 accomplished as well. So you would have a  
4 separate tracking process.

5           MR. KATZ: Well the action items.  
6 I mean, when you update each time, they go  
7 away. You wouldn't have that.

8           CHAIR MUNN: Right. All right.  
9 Anything else on, where are we, on OTIB-0052  
10 now?

11          MR. MARSCHKE: OTIB-0052, we had  
12 three more actually that were closed, we were  
13 recommending that be closed. If you look at  
14 the screen here, these are the changes that  
15 NIOSH made in response to a comments 9, 10,  
16 and 11. The first paragraph takes care of  
17 both 9 and 10. And the second paragraph up  
18 there takes care of issue 11.

19                   And based upon these revisions to  
20 OTIB-0052, SC&A recommends that the findings  
21 be closed. All these findings, these three  
22 findings had to do with there was a NIOSH

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 report. That wasn't an OCAS or a DCAS NIOSH  
2 report. It was a NIOSH report that was  
3 prepared for INL but it did not -- and we got  
4 our hands on it and we looked at it. And it  
5 had doses to what we felt were construction  
6 workers and others.

7 It was pointed out to us we should  
8 not have used that report. We should not have  
9 looked at that report because they were doing  
10 things which are definitely just on a view  
11 with the Act here because it has, for example,  
12 naval reactor facilities.

13 So when this was pointed out to  
14 us, we agreed with NIOSH's response and we are  
15 ready to see those three findings be closed.  
16 It is indicated in the -- a new paragraph has  
17 been added that explains that while they used  
18 a MUD database was not used and they explained  
19 why the MUD database was not used. And we  
20 agree with that explanation.

21 Finding 10 again, it was an INL  
22 epidemiological study. And it explains that

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 the NIOSH 2005 data was not used because of  
2 service workers are grouped with construction  
3 trade workers, a practice that is inconsistent  
4 with the approach taken at OTIB-0052. And we  
5 agree with that explanation and close the --  
6 recommend that issue 10 be closed.

7 Claimant favorability issue. Was  
8 claimant favorability of OTIB-0052 approach  
9 for an INL early period internal dose cannot  
10 be determined. As indicated in the proposed  
11 changes, the second paragraph was modified.  
12 Much of the basis for finding 52 was data  
13 obtained in the NISOH 2005 epidemiological  
14 study. And as indicated in response, that  
15 study contained service worker data, as well  
16 as construction trade worker data, and it was  
17 therefore inconsistent with the approach taken  
18 in OTIB-0052.

19 So we agreed with NIOSH that the  
20 2005 epidemiological study should not be the  
21 basis for the calculations.

22 CHAIR MUNN: Is there any

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 objection to closing Findings 9, 10 and 11?

2 (Pause.)

3 CHAIR MUNN: If not, let us please  
4 make that entry on the database in almost the  
5 same wording as the last one, wasn't it?  
6 Almost. Yes, very good. Excellent.

7 This is most satisfying.

8 MR. MARSCHKE: It's the little  
9 things.

10 CHAIR MUNN: Yes, it is.

11 MR. MARSCHKE: Okay, so those are  
12 --

13 CHAIR MUNN: We now have 9, 10,  
14 and 11 closed.

15 MR. MARSCHKE: Nine has been  
16 changed. And 9, 10, and 11.

17 CHAIR MUNN: Changed and closed.  
18 Excellent.

19 And due to the fact that the few  
20 things that we have remaining on our agenda  
21 are essentially administrative, I think that  
22 wraps up most of our technical issues that we

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 have to address right now.

2 I suggest we take a very short ten  
3 minute comfort break and then we will wrap up  
4 our administrative activities and let you all  
5 get out of here. Okay? We will be back at  
6 five minutes to 3:00 Eastern Time.

7 (Whereupon, the above-entitled matter went off  
8 the record at 2:45 p.m. and went  
9 back on the record at 2:56 p.m.)

10 MR. KATZ: Go ahead. We're on.

11 CHAIR MUNN: Very good. We are  
12 back. Anybody on the phone?

13 DR. MAURO: Yes, this is John.  
14 I've been here for about 45 minutes.

15 CHAIR MUNN: Good. That's great.

16 DR. MAURO: In fact, I will let  
17 you finish up with the introductions but I do  
18 have something I would like to bring up.

19 CHAIR MUNN: Yes, please do. This  
20 is a good time to do it.

21 DR. MAURO: When I came on the  
22 phone oh, a half hour, 45 minutes ago, there

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 was a conversation going on regarding OTIB-  
2 0052 and Steve was talking about PERs.

3 CHAIR MUNN: Yes.

4 DR. MAURO: With the idea being  
5 that the outcome, perhaps, of many of this  
6 procedure review process could end up  
7 triggering a PER.

8 CHAIR MUNN: Yes.

9 DR. MAURO: And I had a thought to  
10 leave with you all. You know, with these two-  
11 pagers that I also understand are all  
12 undergoing review by the Subcommittee and  
13 eventually, I guess, the Board -

14 CHAIR MUNN: Yes.

15 DR. MAURO: -- one of the things  
16 that we don't do at the end of these two-  
17 pagers is that after we have identified how  
18 the issues are resolved in general terms, we  
19 never really say anything about whether or not  
20 there might be some action taken related to  
21 revising any dose reconstructions.

22 Is this something that might be

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1       worth talking about for inclusion in these  
2       two-pagers?

3                   CHAIR MUNN:   My knee jerk reaction  
4       to that would be no.

5                   DR. MAURO:   Okay.

6                   CHAIR MUNN:   And the reason for  
7       that is that I would be very hesitant to  
8       encourage any expectation of a casual reader  
9       that something might occur, the operative word  
10      being might.

11                  It is very easy, my observation is  
12      that in this program, particularly, it is very  
13      easy to raise expectation in the potential  
14      claimant group that are not realistic in their  
15      concepts and may never come to fruition. I  
16      would hate to do anything that might encourage  
17      that.

18                  DR. MAURO:   I understand.

19                  CHAIR MUNN:   Paul has something to  
20      say.

21                  MEMBER ZIEMER:   Well a separate  
22      comment. All we are doing with these two-

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 pagers is reporting in a condensed way for  
2 public what is in the main document. The main  
3 document, unless it is arguing about doing  
4 that or discussing that, it is not part of  
5 that document anyway. And it would seem to me  
6 that we shouldn't be discussing doing Program  
7 Evaluation Reports outside the context of the  
8 document itself and putting it in the summary.

9 If I understand what you are  
10 suggesting, I mean --

11 DR. MAURO: No, it was a thought--

12 MEMBER ZIEMER: -- what you  
13 suggest may very well occur but it seems to me  
14 it is a separate conversation in a sense.

15 MR. KATZ: John, what we had  
16 discussed when we were talking about this  
17 earlier was, I mean, that is an automatic  
18 internal process of DCAS when they change a  
19 procedure to look at the need for a PER. That  
20 operates on its own independently as a result  
21 of changes to dose reconstruction procedures.

22 MEMBER ZIEMER: But what I am

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 saying is we don't include that conversation  
2 as part of your document that we are reviewing  
3 or resolving. So I don't think I would want  
4 to include it.

5 DR. MAURO: I understand and I  
6 agree. And when you were thinking about it  
7 within that context, I think that it would be  
8 premature to even attempt to do that as part  
9 of this process that we are in. I understand  
10 what you are saying.

11 CHAIR MUNN: Any other comments in  
12 that regard? If not, then we will go to the  
13 first item that I placed on here because I  
14 think it seems to be something that we haven't  
15 come to any real conclusion on as to whether  
16 or not it is actually within our purview. And  
17 that is the question of tracking overarching  
18 issues.

19 I know that Jim has been keeping,  
20 Jim Neton has been keeping track of what those  
21 few items are. I believe there are seven,  
22 possibly eight of them. But we have never

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealgross.com](http://www.nealgross.com)

1     undertaken any tracking method to identify  
2     whether anything is going on with those items  
3     and if so, whether we should or even could be  
4     involved in them in any way.

5             If there is any feeling in the  
6     group here with regard to whether or not we  
7     need to give some thought to that or whether  
8     we should, very frankly, just stay out of that  
9     particular venue, I would be pleased to have  
10    any comments anyone has.

11            Any thoughts? Am I incorrect in  
12    being a little concerned about our lack of  
13    tracking? So many of our items are closed  
14    based on the issues that they are going to be  
15    tracked in overarching issues.

16            MR. STIVER: At the last workgroup  
17    meeting there was a lot of talk and Steve  
18    brought up the idea of putting up some kind of  
19    a dummy procedure that would capture all these  
20    things. It sounds like Jim has kind of got  
21    something like that going now for the DCAS  
22    side.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1           But some of these things, you  
2 know, I have seen a couple of the examples  
3 that would come up just in relation to the SEC  
4 petition that I have been working on, we have  
5 by virtue of doing the research, you come up  
6 with some major changes to an overarching  
7 process that applies to other sites as well.

8           CHAIR MUNN: Yes.

9           MR. STIVER: But there is really  
10 no mechanism to get that into another setting-  
11 related document for that other side, unless  
12 that other group happens to know about what is  
13 going on in the previous group.

14           So this idea of being able to  
15 track those issues and make sure that they are  
16 applied where necessary, you know,  
17 acknowledges, discover new methods that are  
18 proposed, I think would be a good idea.

19           CHAIR MUNN: Well, I want to state  
20 publicly that it neither my desire to broaden  
21 the scope of what we are already looking at  
22 nor is it my desire to question whether Dr.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 Neton is going to be tracking these  
2 appropriately.

3 I think in both cases, none of us  
4 need any more work to do; and two, Jim is  
5 certainly more than capable of keeping very  
6 close tabs on where these things are going.  
7 But there are so many tentacles that fall out  
8 from these overarching issues that it just  
9 seems to be a question that may need a little  
10 brainstorming to actually respond to properly.

11 MEMBER ZIEMER: Wanda, it occurs  
12 to me that at least we are doing it  
13 informally. Maybe it needs to be structurally  
14 modified. But for example on resuspension,  
15 after that issue had occurred in several  
16 different venues, different sites and so on,  
17 people said you know, this is sort of a  
18 reoccurring overarching thing but we need a  
19 document to deal with that.

20 And that has occurred in a lot of  
21 cases. Construction workers in an overarching  
22 example. And we have a number of them that

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 almost by their title you can tell that they  
2 are not site-specific. They apply just  
3 broadly how you do internal dose  
4 reconstruction, broadly.

5 And so, we have a whole number  
6 that we already know are overarching we are  
7 tracking. I think other than that, it simply  
8 requires that people recognize that we have  
9 something reoccurring that is not site-  
10 specific.

11 It seems to me it has worked so  
12 far. What would be falling through the  
13 cracks? There are cases. In fact, we have  
14 gone back to see if we have been consistent in  
15 how we are doing things. And one of the  
16 consistency issues that is for example do we  
17 do resuspension the same for, I don't know,  
18 General Steel Industries as Savannah River or  
19 something like that.

20 So we want to have some  
21 consistency. So there is an effort to do that  
22 and it is true we are relying on the players

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 to recognize when we are having the sort of  
2 reoccurring themes. But beyond that, what  
3 would one do to formalize it?

4 CHAIR MUNN: I can't imagine,  
5 other than make a list and identify what  
6 actions are being taken under the specific  
7 items.

8 MEMBER ZIEMER: It just occurred  
9 to me that almost every time we have had this,  
10 this occurred there, there and there. And we  
11 need to be --

12 CHAIR MUNN: We need to coordinate  
13 it somewhere.

14 MEMBER ZIEMER: It has resulted in  
15 a number of these.

16 MR. STIVER: So you don't really  
17 see a need for the Board to track these  
18 independently.

19 MEMBER ZIEMER: Well each of these  
20 issues is being tracked on its own merit  
21 already.

22 CHAIR MUNN: Yes, and Jim

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 certainly is taking a close enough look at it.

2 MR. MARSCHKE: I just wanted to  
3 point out that we have a number of issues  
4 which we have, I think, status as being  
5 addressed in some generic issue. And so we  
6 have to kind of keep an eye on what Jim is  
7 doing in order so that when he comes to a  
8 resolution of that generic issue that these  
9 are supposedly addressed in, that we can then  
10 go back and hopefully close out those handful  
11 or however many those issues there are that we  
12 have already put into that category.

13 MEMBER ZIEMER: I think almost all  
14 the ones that are in the category either have  
15 been reviewed or are in process. I mean  
16 construction workers is an example in OTIB-  
17 0070 is an example.

18 MR. MARSCHKE: Those are existing  
19 TIBs and so those are in the document. These  
20 overarching issues, I think are more like  
21 inhalation rates.

22 DR. ULSH: Ingestion, angular.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   MEMBER ZIEMER:     Where we don't  
2                   currently have one.

3                   MR. MARSCHKE:    We don't currently  
4                   have a TIB, or an OTIB, or a document.

5                   MEMBER ZIEMER:     How do we know  
6                   something has come out?

7                   MR. MARSCHKE:    How do we know that  
8                   something has come out and there is a position  
9                   on this?  And even if something does come out,  
10                  how do we know that it relates back to these  
11                  particular issues that we have said, well this  
12                  is a generic issue addressing such and such  
13                  generic issue.

14                  I can't give an example right off  
15                  the top of my head where this occurs.  But it  
16                  seems to have been some of the issues  
17                  associated with maybe the initial batch of  
18                  procedures that were reviewed I think had a  
19                  number of ones that we said, we resolved them  
20                  by saying that they were addressed in the  
21                  generic issue.

22                  And we know that there is a

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 generic issue addressing that subject. We  
2 don't know where it stands. We don't know  
3 whether it is resolved.

4 CHAIR MUNN: But the silver lining  
5 is that with our new capabilities with this  
6 new database, we can at least search by term.

7 So that --

8 MR. MARSCHKE: I can't find it.

9 CHAIR MUNN: You can't find them?

10 MR. MARSCHKE: I can't find  
11 addressed in.

12 DR. ULSH: Oh, you mean search by  
13 status.

14 MR. MARSCHKE: I was looking to  
15 search by status here. I can't find addressed  
16 in. And there is no --

17 DR. ULSH: Well right. We don't  
18 have that capability.

19 MR. KATZ: Well you can search by  
20 overarching issue or whatever if you use that  
21 terminology. And then you will be --

22 CHAIR MUNN: Yes, if we do.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 MR. MARSCHKE: If we do? If we  
2 did.

3 DR. ULSH: Hold on. Hold on. I  
4 have been hoping that you guys would talk  
5 yourself out of this. But since you don't  
6 seem to be, --

7 CHAIR MUNN: We're trying.

8 DR. ULSH: Does it seem like each  
9 of the overarching issues originates in some  
10 document review setting?

11 CHAIR MUNN: Some group of  
12 document review settings.

13 DR. ULSH: Maybe it is a TBD,  
14 maybe it is a TIB or whatever.

15 MR. STIVER: A White Paper.

16 DR. ULSH: So what happens then  
17 is, -- I mean here is an idea for you to  
18 consider. In the database a particular  
19 overarching issue originates in a document but  
20 then it is transferred. We can make a  
21 category transferred to overarching. And that  
22 way when we search on status and we look for

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 transferred to overarching, all those issues  
2 will pop up.

3 Now of course administratively,  
4 you are going to have to decide who is in  
5 charge of the care and feeding of those  
6 issues. But that would at least put them in a  
7 place that --

8 MR. KATZ: I don't even recall  
9 what we have actually transferred. Do you?  
10 Do you have examples where we have actually  
11 transferred something? I don't think so.

12 CHAIR MUNN: I don't know that we  
13 have transferred them. I think we have closed  
14 them, though.

15 MEMBER ZIEMER: Well we  
16 transferred in TBD-6000, we have transferred  
17 the item on resuspension to this document.

18 MR. KATZ: Yes. Well there is a  
19 procedure for it. Right.

20 MEMBER ZIEMER: Yes, there is a  
21 procedure for it.

22 MR. KATZ: That's taken care of.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   MEMBER ZIEMER: Now on the others,  
2                   have we done any where we have said well, it  
3                   is an overarching issue so it will be solved  
4                   somehow separately but no one is looking at  
5                   it?

6                   DR. ULSH: Currently, these things  
7                   are being tracked by Jim. He has got a list  
8                   of them. They are on a PowerPoint slide.  
9                   That is how they are tracked right now.

10                  CHAIR MUNN: Yes, that is how we  
11                  have got them. That is how we see them.

12                  MR. STIVER: Could I say something  
13                  for a second? At first it was another  
14                  category really. There are two examples that  
15                  come to mind. One being how the weighted air  
16                  sampling data that are applied, another being  
17                  recycled uranium. Now these have not gotten  
18                  to a level of being in a procedure but they  
19                  are emerging in White Papers that come out  
20                  related to specific sites but yet, they have  
21                  implications for a lot of other sites. There  
22                  is no way that is going to be captured in this

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 database.

2                   There could be some profound  
3 implications for consistency and quality  
4 across different sites.

5                   MEMBER ZIEMER: Right now they are  
6 a site-specific finding.

7                   MR. STIVER: Yes.

8                   MEMBER ZIEMER: So they are in the  
9 system.

10                  MR. KATZ: But it seems like  
11 historically how this happens is when you do  
12 have these issues and you have a major change  
13 or whatever, a resolution of one of those  
14 issues associated with a site, that then gets  
15 integrated by DCAS into other procedures,  
16 other sites where it is applicable.

17                  DR. ULSH: Well, one would hope  
18 that that is the way it goes.

19                  MR. STIVER: Well eventually, it  
20 might just kind of happen, unless the two  
21 issues are being investigated simultaneously.

22                  DR. ULSH: Say an issue pops up at

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealgross.com](http://www.nealgross.com)

1 Blockson and the Blockson group decides, you  
2 know this is really an overarching issue. We  
3 are not going to address it necessarily here  
4 in Blockson. Let's put it on the overarching  
5 issues list. And then later on we do a review  
6 at, I don't know, Savannah River, some other  
7 site, and that same issues pops up. At that  
8 point, it should be attached not only to  
9 Blockson but also to Savannah River, so that  
10 when that overarching issue is addressed on  
11 that happy day, then that filters back down,  
12 it cascades down to all the affected sites.

13 CHAIR MUNN: Well it doesn't sound  
14 as though we are any closer to an answer to  
15 the question than when we first started  
16 talking about it. But I certainly don't think  
17 we are in a position to make a decision one  
18 way or another. It seems to me it is just an  
19 item that all of us need to sort of keep in  
20 the back of our heads as the potential that  
21 this Procedures Subcommittee may need to  
22 address.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1           It is a mistake for us to have  
2 even begun to address it, I think, in Jim's  
3 absence. He really and truly should be here.

4           MEMBER ZIEMER: Looking at what is  
5 on the screen at the moment, is that a term  
6 that we are currently using, global issues?

7           MR. MARSCHKE: No, I don't know if  
8 we are currently using it. This is a term  
9 that we had.

10           This is a printout of the old  
11 Access database. So I can do a search for, in  
12 this case, global issues. And I believe that  
13 in 2006 may be what we were calling  
14 overarching issues at that point in time.

15           MEMBER ZIEMER: Whatever the term  
16 is, it seems to me that you could at least bin  
17 them the way that Brant has described. What  
18 you did with them later is a separate issue.  
19 But there could be a sort category.

20           DR. ULSH: Well there could be. I  
21 mean, that would put them all in one place.  
22 Right now, this database or web-based

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 application, --

2 CHAIR MUNN: It is a database.

3 DR. ULSH: -- is only used by the  
4 Subcommittee. We all know that eventually we  
5 want to roll it out broader but right now it  
6 is here.

7 So if we decide that the place  
8 these things are going to be tracked is in  
9 this database, kind of by default you guys are  
10 in charge of it.

11 CHAIR MUNN: Well, I am not prone  
12 to just any action now. If someone else is,  
13 please do let me know. I certainly appreciate  
14 your thoughts, Brant, about establishing a  
15 category. That would certainly resolve a lot  
16 of my concerns about it.

17 I shouldn't think it would  
18 complicate anything for Jim. I would think it  
19 might be even easier for him.

20 DR. ULSH: He would just have to  
21 learn to use the database.

22 MR. MARSCHKE: I think what we can

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 do, actually we may be able to do that now.  
2 Now that I know what they are called, we may  
3 be able to come up here and look for global  
4 issues.

5 This is global. This is not going  
6 to be much help. This is global. And no. Or  
7 did I spell it wrong?

8 DR. ULSH: No, no. You didn't  
9 spell it wrong but you might want to click on  
10 -

11 MR. MARSCHKE: Oh, maybe. There  
12 it is.

13 DR. ULSH: Yes, there you go.

14 MR. MARSCHKE: There is a couple  
15 of them there. I don't know. It seems like  
16 there should be more. But there is an issue  
17 OTIB-04-012 and OTIB-04-013.

18 DR. ULSH: They both look like  
19 they are what we are looking for, overarching  
20 type issues. Right?

21 MR. MARSCHKE: So there is a way.  
22 You can use this search capability if you

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 make sure that you have embedded somewhere in  
2 the discussion either overarching or global or  
3 some key word that we all agree to.

4 DR. ULSH: Well, if you want to  
5 chew on those ideas and pick it up.

6 CHAIR MUNN: We may pick it up at  
7 a later date. I will certainly make a note of  
8 it and we will not let it drop completely off  
9 the table.

10 The next one is very short, the  
11 status of the 14 two-pagers which at our last  
12 meeting we took a look at. We went through  
13 all of them. There were a half dozen or so  
14 where they needed to be expanded and the  
15 wording needed to be cleaned up. And I  
16 volunteered to do that and to get it back to  
17 you so you could all see it again and approve  
18 or disprove my comments.

19 And you will be happy to know that  
20 you do not have those in front of you and they  
21 will not be forthcoming for another week. So  
22 we need not worry about that. But it will be

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 coming to you.

2 And I had hoped to have in front  
3 of you the remaining 15 new two-pagers that  
4 SC&A has done but has not yet released to us.

5 And I was told in a very gentle way that it  
6 would be nice if we addressed the ones that we  
7 had before they send us the new batch. So  
8 there is some merit to that position.

9 MEMBER ZIEMER: I think I just got  
10 15 a day or two ago.

11 CHAIR MUNN: Oh, no. I think what  
12 you got a day or two ago was duplicates of the  
13 original information that was sent out from  
14 SC&A, the ones that we were already working  
15 on.

16 They had sent them out originally  
17 as a PDF file. And I had pointed out -- it  
18 was my problem. My system does not deal with  
19 PDF files that I want to change. And I do not  
20 have the -- you have got to pay for this  
21 capability. And that is what I had asked for.

22 So that is the same material in Word that you

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 already have in PDF file.

2 MEMBER ZIEMER: But there were 15  
3 not --

4 CHAIR MUNN: In total that we have  
5 already got and there are 15 more coming. But  
6 the ones that have already been documented, we  
7 are complete on six, I believe, plus the  
8 introduction. And then there are another 12  
9 that Nancy just sent out again.

10 MEMBER ZIEMER: So these ones here  
11 that she just sent out again are --

12 CHAIR MUNN: Replicates of the PDF  
13 file.

14 MEMBER ZIEMER: -- replicates of  
15 the 14 that you were talking about originally.

16 CHAIR MUNN: Yes, that you already  
17 have and that we have already looked at.

18 MEMBER ZIEMER: And you were going  
19 to send out final forms of those?

20 CHAIR MUNN: I will send out clean  
21 final forms without all of the tracking  
22 information but including some of my

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 additional verbiage on the last few that we  
2 had agreed I would clean up and send to you.

3 So those will be coming.

4 MEMBER ZIEMER: I suppose every  
5 time I look at them, I have different things  
6 because I had the markups on these.

7 CHAIR MUNN: Well yes, that is  
8 because some of them were probably the same  
9 markups that we took care of last time we met  
10 and because we had them in a PDF file.

11 MEMBER ZIEMER: Oh, and the  
12 changes hadn't been made.

13 CHAIR MUNN: Had not been made, so  
14 far as I know.

15 MEMBER ZIEMER: Oh, I got you. I  
16 got you.

17 CHAIR MUNN: As I understand it,  
18 they have not.

19 MEMBER ZIEMER: Okay. All right.  
20 I don't have to go back and make the same  
21 markups as I did before. All those two-pagers  
22 start to look alike.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 CHAIR MUNN: Yes, I know. They do  
2 after a while, don't they? I will try to get  
3 them in such an order that it will be clear to  
4 you what we have done about that.

5 We need to look at our calendars  
6 to see when we are going to meet again.

7 MR. KATZ: We are missing two  
8 Members for that, really three.

9 CHAIR MUNN: We are. But we know  
10 some of the things we can't do. I was hoping  
11 that we could be looking sometime in September  
12 for our next meeting. Is that going to be --  
13 Does that sound like it is a reasonable thing  
14 for us to be looking towards -- I don't want  
15 us to be in the position of meeting without  
16 having made progress on our action items, that  
17 we have quite a few that don't appear to have  
18 a great deal of time attached to them.

19 So is September a reasonable time  
20 to be looking at things for those of us who  
21 are here?

22 DR. ULSH: Even though a lot of

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1 the action items like you said are sort of  
2 administrative and won't take a lot of time, I  
3 think, --

4 CHAIR MUNN: Yes.

5 DR. ULSH: -- a short turnaround  
6 between this meeting and the next is  
7 appropriate because we can just clean those  
8 off.

9 CHAIR MUNN: I would certainly like  
10 to do that, if we possibly could. How does --  
11 Let's stay away from the starting of school  
12 and all that sort of thing.

13 DR. ULSH: When is the Board  
14 meeting? Is it August 29th?

15 MR. KATZ: The 23rd.

16 CHAIR MUNN: The Board meeting is  
17 the 23rd through the 25th of August. So would  
18 a month after that be appropriate? September  
19 the 20th? That's a Tuesday.

20 Let's tentatively -- what about  
21 you, Paul? Are you okay? Let's tentatively  
22 choose September the 20th as our next meeting.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1                   MEMBER ZIEMER:   What dates are the  
2 possible ones for GSI?

3                   MR. KATZ:    GSI, the 20th was the  
4 last date actually of the dates that we gave  
5 that.  So we shouldn't include the 20th.  That  
6 would take the day away from GSI.

7                   CHAIR MUNN:   What about 21?

8                   MR. KATZ:    Yes, so 21 is okay.

9                   CHAIR MUNN:   Would that work well,  
10 Wednesday the 21?

11                  MR. KATZ:    It's fine for me.

12                  CHAIR MUNN:   Unless we have too  
13 many people who just absolutely can't make  
14 that, let's try to get it on the calendar.

15                  MR. KATZ:    Right.  We will have to  
16 ask our other Board Members.

17                  CHAIR MUNN:   Yes.

18                  MR. KATZ:    I will send them an  
19 email.

20                  CHAIR MUNN:   Oh, thank you.  If  
21 you will ask all three of them if they are  
22 available, it would be helpful.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1                   Any other thoughts, comments,  
2                   actions, unaddressed problems, dietary  
3                   restrictions? If not, we are adjourned for  
4                   the day. Thank you all for you time and  
5                   efforts.

6                   (Whereupon, at 3:24 p.m., the  
7                   above-entitled matter was  
8                   adjourned.)

9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)

1

2

3

4

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

(202) 234-4433

[www.nealrgross.com](http://www.nealrgross.com)