

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 DOSE RECONSTRUCTION REVIEWS

+ + + + +

MONDAY  
MAY 10, 2010

+ + + + +

The Subcommittee convened via  
teleconference at 3:00 p.m., Mark Griffon,  
Chairman, presiding.

PRESENT:

MARK GRIFFON, Chairman  
MICHAEL H. GIBSON, Member  
WANDA I. MUNN, Member  
JOHN W. POSTON, Member  
ROBERT W. PRESLEY, 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  
NANCY ADAMS, NIOSH Contractor  
ISAF AL-NABULSI, DOE  
DOUGLAS FARVER, SC&A  
STU HINNEFELD, DCAS  
EMILY HOWELL, HHS  
JENNY LIN, HHS  
BRANT ULSH, DCAS

**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)

## C-O-N-T-E-N-T-S

Welcome	3
Roll Call	3
Case Selection	5
Adjourn	60

**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 3:03 P.M.

3 MR. KATZ: Welcome, everybody to  
4 the Advisory Board on Radiation and Worker  
5 Health. This is the Dose Reconstruction  
6 Subcommittee. And beginning with roll call,  
7 Board Members first.

8 CHAIRMAN GRIFFON: Mark Griffon,  
9 Chair of the Subcommittee.

10 MEMBER PRESLEY: Robert Presley,  
11 Alternate.

12 MR. KATZ: Welcome, Bob.

13 MEMBER MUNN: Hi, Bob, that's  
14 great. Wanda Munn, Member.

15 MEMBER GIBSON: Mike Gibson,  
16 Member.

17 MR. KATZ: Okay, then NIOSH ORAU  
18 Team?

19 MR. HINNEFELD: Stu Hinnefeld and  
20 Brant Ulsh from DCAS.

21 MR. KATZ: Okay and anyone from  
22 SC&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 MR. FARVER: Doug Farver, SC&A.

2 MR. KATZ: Doug, hey. Is someone  
3 else trying to say something? Okay, any  
4 members of the public on the line?

5 Other HHS or other government  
6 officials or contractors to the government?

7 MS. HOWELL: Emily Howell, HHS.

8 MS. LIN: Jenny Lin, HHS.

9 DR. AL-NABULSI: Isaf Al-Nabulsi,  
10 DOE.

11 MS. ADAMS: Nancy Adams, NIOSH  
12 contractor.

13 MR. KATZ: Welcome to all of you.  
14 That should be it. Okay, Mark?

15 CHAIRMAN GRIFFON: All right.  
16 Yes, as Wanda mentioned earlier, we didn't  
17 really have -- I didn't put an agenda out. I  
18 thought at some point I had said this was a  
19 one issue meeting, but maybe not. The only  
20 thing scheduled for this call is to do the  
21 case selection for the 13th set of cases.

22 Everyone should have received 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 couple of spreadsheets from NIOSH. Well,  
2 there's two versions of the one listing of  
3 what we're calling full internal and external  
4 dose reconstruction cases and that should have  
5 33 pages in it.

6 I'm pretty sure this is right, one  
7 is sorted by PoC and the other one, I don't  
8 know how the other one is sorted, but --

9 MR. HINNEFELD: Just by selection  
10 number.

11 CHAIRMAN GRIFFON: By selection,  
12 yes, that's what I thought. Okay. I actually  
13 worked from the one that was sorted by the PoC  
14 and then there's -- so that's the one listing  
15 with two different versions of a spreadsheet  
16 that was sent out. And the other listing is a  
17 random set of cases which would not only be  
18 full internal external but would be a random  
19 selection of some additional cases.

20 And what we've done in the past is  
21 to start from the best estimate cases and I  
22 think we would like to get, come up with

**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 probably around 40 cases. That way if we  
2 lose some, it can be narrowed down. Is that  
3 correct, Stu, each set? I know if this  
4 matters really, but --

5 MR. HINNEFELD: It matters very  
6 much. We usually do this in a two-step  
7 process.

8 CHAIRMAN GRIFFON: Yes.

9 MR. HINNEFELD: Step one. But  
10 however many we select today, we will provide  
11 to ORAU for them to add those additional  
12 columns of information.

13 CHAIRMAN GRIFFON: Right.

14 MR. HINNEFELD: For the second  
15 step of the selection process. If you want to  
16 keep doing that process.

17 CHAIRMAN GRIFFON: Yes, I do, yes.  
18 And the idea is to do that in Buffalo, if we  
19 have enough time.

20 MR. HINNEFELD: I don't think I  
21 can get that information --

22 CHAIRMAN GRIFFON: That quickly --

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1                   MR. HINNEFELD:    For Buffalo, no.  
2           In fact, I would guess that it will be middle  
3           of June.

4                   CHAIRMAN GRIFFON:    Maybe the next  
5           Board phone call then or whatever, the full  
6           Board.

7                   MR. HINNEFELD:    I would think it  
8           would be the middle of June at least before  
9           I'll be able to get it.

10                  CHAIRMAN GRIFFON:    Okay, okay.    So  
11           this is the first step.    The only thing I'm  
12           asking is for the 13th set, how many cases  
13           should we be shooting for SC&A tasking  
14           purposes?    Maybe we want to end up with 20,  
15           like we usually do.

16                  MEMBER MUNN:    Well, maybe it would  
17           be a good idea for us to kind of run through  
18           them and see how many jump out on our first  
19           cut.

20                  CHAIRMAN GRIFFON:    Well, yes.    We  
21           want more than that in our first cut.

22                  MEMBER MUNN:    Oh, yes.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1                   CHAIRMAN GRIFFON:     But I think  
2     what we want to end up with if we want to  
3     stick with the normal -- I'm just asking from  
4     a tasking -- I don't know if there's any  
5     limitations in that way.

6                   MR. KATZ:     Doug?

7                   MR. FARVER:     Mark, this is Doug.  
8     I didn't receive copies of these and you may  
9     have sent them to John and John is traveling  
10    today.

11                  MR. HINNEFELD:    I'll send them.

12                  CHAIRMAN GRIFFON:    Stu sent them  
13    around actually.

14                  MR. FARVER:     I know John was  
15    looking for about 30 cases.

16                  CHAIRMAN GRIFFON:    Okay, 30,

17                  MR. FARVER:     So I imagine anywhere  
18    in that range, 20 to 30, whatever you can pick  
19    out.

20                  CHAIRMAN GRIFFON:    Okay.

21                  MR. HINNEFELD:    We'll want to go  
22    bigger than 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                   CHAIRMAN GRIFFON:     Exactly, for  
2     our preliminary slice through here, we should  
3     look at 40 to 50 maybe.

4                   MR. FARVER:     Okay.

5                   CHAIRMAN GRIFFON:     And then -- all  
6     right, so with that in mind, maybe I can --

7                   MEMBER PRESLEY:     Hey, Stu?

8                   MR. HINNEFELD:     Yes.

9                   MEMBER PRESLEY:     Send those to me  
10    here at my government address.

11                  MR. HINNEFELD:     That's your DOE  
12    address?

13                  MEMBER PRESLEY:     Yes. I thought I  
14    had them and I can't find them.

15                  MR. HINNEFELD:     Okay, I've got  
16    that one.

17                  MR. KATZ:     Let me remind everybody  
18    that this is transcribed and Eric who is our  
19    transcriptionist won't know who is speaking  
20    unless you identify yourself.

21                  CHAIRMAN GRIFFON:     Okay, this is  
22    Mark Griffon again. The one thing I was 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 suggest and I agree with what Wanda said.  
2 We should just go through them and see how  
3 many jump out at us. The only thing that I  
4 was going to suggest is to start, if this  
5 makes sense to people, to start in the middle  
6 of the PoC sorted matrix. So on page 19, I  
7 was looking at the ones between 40 and 50 to  
8 start with and sort of see how many we end up  
9 with there and then go back and work through  
10 the rest of them.

11 MEMBER MUNN: Well, that's the  
12 next big question, really. This is Wanda.  
13 Whether there are additional criteria that we  
14 need to have in mind as we do this or are we  
15 specifically going to be looking almost  
16 entirely at PoC?

17 We discussed this at our last  
18 meeting and to save me I can't remember what  
19 decision we reached.

20 CHAIRMAN GRIFFON: Yes, I think we  
21 ended up with basically saying that we were  
22 going to get the best information from 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 best estimate cases which end up being around  
2 the 40 to 50 range. But also, the other  
3 criteria --

4 MEMBER MUNN: But not always,  
5 right, would you assume?

6 CHAIRMAN GRIFFON: Well, I mean,  
7 you know, think about what we get out of these  
8 reviews. When it's a 20 percent PoC, a lot of  
9 times they are under estimate cases and even  
10 these ones that -- I'm surprised the ones on  
11 this list that are like 1 and 2 percent PoC,  
12 I'm betting that they're partial best  
13 estimate.

14 I may be wrong, Stu, on this, but  
15 I'm betting that they did one part best  
16 estimate and then they threw in as high as  
17 possible internal dose and it was an over  
18 estimating for one part of it and best  
19 estimate for one part of it.

20 MR. HINNEFELD: Yes, some of them  
21 might be dose models. Some people might have  
22 full dosimetry records, but essentially non-

**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 radiation workers. So something that's done  
2 by a dose model it shows up and usually it's a  
3 full internal and external.

4 CHAIRMAN GRIFFON: Yes. This is  
5 Mark Griffon again.

6 Wanda, the way I went through was  
7 look at PoC, but also look at sites. And then  
8 obviously other things play into it too, if  
9 there's a case that looked particularly  
10 interesting. This is the pre-screening step,  
11 too. So we can just pull them and get some  
12 more information about it. So I think that's  
13 -- everything is on the table now.

14 I was just offering that. We  
15 might want to start with those ones in the  
16 middle. As I went through, I got maybe 20  
17 some just in the 40 to 50 range or I think it  
18 was 15 to 20 that looked reasonable in that  
19 range. So it was just offered as a possible  
20 place to start, you know.

21 MEMBER MUNN: As good as any, I  
22 guess.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1                   CHAIRMAN GRIFFON:       Yes.       All  
2       right, let's try that.    And then the other  
3       thing that if you've got your notes in front  
4       of you, I did notice when I looked at the  
5       whole list that there's some place that I had  
6       never seen before and those are obviously good  
7       choices for us because, you know, it's those  
8       many Site Profile Reviews that we can look at  
9       one case and it's probably the only time we'll  
10      look at that site through the --

11                   MEMBER MUNN:    That's interesting.

12                   CHAIRMAN GRIFFON:       Yes.       So  
13       there's a couple of -- a bunch that that  
14       actually --

15                   MEMBER PRESLEY:    Hey, Mark.    This  
16       is Bob Presley.

17                   CHAIRMAN GRIFFON:       Yes.

18                   MEMBER PRESLEY:    I thought that we  
19       talked about before, you know, on places like  
20       that right there where there was one, if it  
21       had been compensated, we weren't going to take  
22       the time to go back through that thing.

**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                   CHAIRMAN GRIFFON:     That may be  
2     something to consider too, Bob.     The only  
3     thing, if it's one case for one for the site,  
4     and it was compensated, then yes.    But I think  
5     a lot of these smaller places end up being  
6     modeled in a reconstruction model so by  
7     reviewing a particular case you're actually  
8     reviewing the entire way they do it for all  
9     the cases.    But if it's only -- if we find out  
10    it's only one, there's only one claim and it's  
11    one site and they've been compensated, you're  
12    right.    I'm not sure it's worth our time.    But  
13    okay, let's start with -- if it's okay, let's  
14    start with page 19 and just go through some of  
15    those and then we'll work our way through the  
16    rest of the spreadsheet after that.

17                   MEMBER POSTON:    Hey, Mark?

18                   CHAIRMAN GRIFFON:   Yes.

19                   MEMBER POSTON:    John Poston.    I've  
20    been listening.    I just got here.    Sorry, I'm  
21    late.

22                   CHAIRMAN GRIFFON:     That's 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 I'm glad you could make it, John.

2 You have the spreadsheets, right?

3 MEMBER POSTON: Yes.

4 CHAIRMAN GRIFFON: Okay.

5 MEMBER MUNN: So we're going to  
6 start on page 19 of which of the three?

7 CHAIRMAN GRIFFON: Page 19 of the  
8 one sorted by PoC is the one I'm working from.  
9 The one, full internal/external sorted by  
10 PoC.

11 So if I go -- the first one I have  
12 in that regard is I'm looking at the last  
13 three numbers, case number 596. It's about  
14 two-thirds of the way down the page. Rocky  
15 Flats.

16 MEMBER MUNN: Hold on a minute.  
17 I'm still getting to the right page. What  
18 page did you say?

19 CHAIRMAN GRIFFON: Page 19.

20 MEMBER MUNN: Nineteen. Go ahead.

21 CHAIRMAN GRIFFON: I'm looking at  
22 the one PoC is 40.125, pretty good precision

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 on that PoC too. It's for Rocky Flats, case  
2 number 596.

3 MEMBER MUNN: Yes.

4 CHAIRMAN GRIFFON: Any objections  
5 to that? Again, this is our preliminary shot  
6 through so we can get 40 or 50. We just don't  
7 want to overburden NIOSH with too many.

8 MEMBER MUNN: 596, correct.

9 CHAIRMAN GRIFFON: I'm going to  
10 check that one off, if there's no objection.  
11 At any time, if I pass over one that you  
12 wanted, speak up. Make sure we identify  
13 ourselves though. This could be a little  
14 tricky.

15 I have 604 which is an X-10 case.

16 MEMBER MUNN: Do you want to give  
17 us a couple of minutes to scan this page  
18 ourselves? I really and truly have not  
19 scanned through these.

20 CHAIRMAN GRIFFON: Okay, I  
21 apologize.

22 MEMBER MUNN: And your next one

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 was?

2 CHAIRMAN GRIFFON: 604.

3 MEMBER MUNN: 604.

4 CHAIRMAN GRIFFON: Is everybody  
5 okay with that one? All right.

6 My last one on this page is 728,  
7 the last one at the bottom. Ames Laboratory.

8 That was for a double reason, 40 PoC at Ames,  
9 think -- we may have done or two of those  
10 cases, but certainly not many.

11 MEMBER MUNN: 728.

12 CHAIRMAN GRIFFON: Okay, I'm going  
13 to page 20 now, unless I hear any other  
14 suggestions. And I have 446 right at the top,  
15 Savannah River, 34 years almost, of exposure.

16 And let me know if you object to any of  
17 these, 364, General Steel. There were several  
18 General Steels in here throughout this  
19 spreadsheet. I'm assuming, Stu, correct me if  
20 I'm wrong, I'm assuming General Steel is a  
21 model, right? So if we look at one, we should  
22 really get a sense of any of the ones.

**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:     Yes, I believe  
2     that it is a dose model.

3                   CHAIRMAN GRIFFON:   So there may be  
4     others that -- I'll put a check by that, but  
5     if we see another General Steel that we like  
6     better, we can cross this one off and do  
7     another one.

8                   MEMBER MUNN:        It's kind of  
9     interesting to have those two twins there  
10    together. Simonds Saw.

11                  CHAIRMAN GRIFFON:   Yes.     Simonds  
12    Saw I skipped.

13                  MEMBER MUNN:        That would be kind  
14    of interesting to see.

15                  CHAIRMAN GRIFFON:   Yes.     We can do  
16    that.     You want the Simonds Saw one?    I  
17    skipped that one because I thought we had done  
18    one before.

19                  MEMBER MUNN:        Let's do 405 and  
20    406.     They'd be interesting to compare, I  
21    think.

22                  CHAIRMAN GRIFFON:   Wait, 405.

**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:         Mark,    she's  
2     reading the Excel line number.

3                   CHAIRMAN GRIFFON:    Okay.

4                   MEMBER MUNN:    I'm sorry.   Yes.

5                   CHAIRMAN GRIFFON:    364 and --

6                   MEMBER MUNN:    It's just an unusual  
7     thing to see, two similarities on the sheet.  
8     It must be similarity as a whole on the cases.  
9     This is interesting to see it.

10                  CHAIRMAN GRIFFON:    Right.    All  
11     right, the next one I have was another  
12     Savannah River one, 169, PoC 41.66.

13                  MEMBER MUNN:    I like that for some  
14     reason.

15                  CHAIRMAN GRIFFON:    And then 545  
16     which is a W.R. Grace.   So this was for two  
17     reasons.   The high PoC, it's not many years of  
18     exposure, but I don't think we've done any  
19     W.R. Grace cases, I'm pretty sure of that.

20                  MEMBER MUNN:    I don't remember  
21     them.

22                  CHAIRMAN GRIFFON:    So I think 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 might be useful just from that standpoint.  
2 The next one I have is 610 which is a Nevada  
3 Test Site, almost 40 years of -- 38.8 years.  
4 Thyroid, which we don't see that often, so  
5 several reasons for that one.

6 And that was the last one I had on  
7 that page, if there any others on that page.

8 MEMBER MUNN: 694 has an  
9 interesting site that we haven't looked at  
10 before.

11 CHAIRMAN GRIFFON: Yes, and that  
12 comes up later too. I did pick up one of  
13 these DuPont Deepwater, but we can check this  
14 one off. I agree with that, Wanda. And I'm  
15 imagining again this is a dose model of some  
16 sort. I don't know that we can do multiple  
17 ones of this, but we can check that one for  
18 sure.

19 Okay, anybody else? Any others on  
20 that page?

21 I've got a whole lot on the next  
22 page. Let's 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                   MEMBER MUNN:    Mine is not broken  
2                   down by pages.

3                   CHAIRMAN GRIFFON:    Oh, yes.    I'm  
4                   on page 21, but I'm on case number 733 which  
5                   is Nuclear Materials and Equipment, NUMEC,  
6                   Parks Township.

7                   And then 460, again Savannah  
8                   River.    And another reason for the Savannah  
9                   River, number one, there's a lot of claims at  
10                  the site, but number two, we have had some  
11                  experience with some close cases at Savannah  
12                  River where we had some lengthy debates and  
13                  they're usually Savannah River is not coworker  
14                  modeled.    It's their own data.    So I think  
15                  these are good ones to review for all those  
16                  reasons.

17                  MEMBER MUNN:    Disease site is the  
18                  primary.    Interesting.

19                  CHAIRMAN GRIFFON:    Yes, yes.    The  
20                  next one I had, I skipped Bethlehem, because I  
21                  know we've done Bethlehem.

22                  MEMBER MUNN:    Many.

**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                   CHAIRMAN GRIFFON:    So I took the  
2                   next one though, Blockson and I may be wrong,  
3                   but I don't know that we did a Blockson case.

4                   MEMBER MUNN:    I think we've done  
5                   one.

6                   CHAIRMAN GRIFFON:    I know we've  
7                   discussed it a lot.  Then 288, Hanford.  It's  
8                   lung and pancreas.  339 which is Portsmouth.

9                   MEMBER MUNN:    Yes, any reason?

10                  CHAIRMAN GRIFFON:    The main reason  
11                  on this one was the high number of years  
12                  worked as well as the high PoC.  It's probably  
13                  -- it looks like a multiple skin cancer kind  
14                  of thing.

15                  MEMBER MUNN:    Yes, it does.

16                  CHAIRMAN GRIFFON:    I'm not too --  
17                  I can drop that one.  As a matter of fact, the  
18                  more I look at it, it's not that -- I'll drop  
19                  that one.

20                  MEMBER MUNN:    Okay.

21                  CHAIRMAN GRIFFON:    Next one I have  
22                  was 683, but we have had several Savannah

**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 Rivers, so I'm willing to drop that one off  
2 the list too actually.

3 MEMBER MUNN: Yes.

4 CHAIRMAN GRIFFON: Although like I  
5 said these are unusually individual data which  
6 makes them a little more unique, but I'll drop  
7 that one.

8 681 is the next one I had. And I  
9 don't think we've done ElectroMet at all.

10 MEMBER MUNN: No, we just talked  
11 about that.

12 CHAIRMAN GRIFFON: Right, right.  
13 So we'll check that one?

14 MEMBER MUNN: Yes.

15 CHAIRMAN GRIFFON: Now here's the  
16 General Steel with a higher PoC, but I think  
17 one General Steel is enough. If I'm looking  
18 at this correctly, I'm pretty sure it's a  
19 single model approach.

20 MEMBER MUNN: What was that number  
21 again?

22 CHAIRMAN GRIFFON: Well, that was

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 472, but I'm going to skip that one. I was  
2 just pointing out that it's another General  
3 Steel case.

4 MEMBER MUNN: Yes.

5 CHAIRMAN GRIFFON: The next one  
6 I've selected was 661, Rocky Flats. Kind of  
7 unique here because it's other respiratory and  
8 a lot of years worked there. It's not lung,  
9 but it's -- I thought it was a fairly easy  
10 case.

11 MR. KATZ: Hey, Mark?

12 CHAIRMAN GRIFFON: Yes.

13 MR. KATZ: Just to remind you, I  
14 don't know, but maybe Stu needs to feed into  
15 this question, but what do you think about GSI  
16 being a model? It is a TBD-6000 site. There  
17 has been a lot of complexity to that site in  
18 the discussion.

19 CHAIRMAN GRIFFON: That is true,  
20 yes.

21 MR. KATZ: I wanted to mention  
22 that and also mention that there have been, 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, three or four dose construction  
2 reviews for that site so far, but prior to  
3 this.

4 CHAIRMAN GRIFFON: Yes. I think  
5 we selected it before. Okay. The next one,  
6 since I did drop that last Portsmouth one, I  
7 think this is a much more interesting  
8 Portsmouth one. Forty-one years. It's number  
9 484, I'm sorry. 484, 44.9 PoC and 41 years of  
10 experience.

11 MEMBER MUNN: That's a great one.

12 CHAIRMAN GRIFFON: I think that's  
13 a much better Portsmouth case.

14 And then 719 is a Hanford leukemia  
15 -- excluding CLL, yes, leukemia.

16 336, well, this is a skin cancer,  
17 a lot of years, at K-25. I'm not sure.

18 MEMBER MUNN: Which number?

19 CHAIRMAN GRIFFON: 336.

20 MEMBER MUNN: 336.

21 CHAIRMAN GRIFFON: It's Oak Ridge  
22 Gaseous Diffusion Plant K-25, 43.635 PoC.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 It's probably a multiple skin --

2 MEMBER MUNN: It's another one of  
3 those multiple skin things.

4 CHAIRMAN GRIFFON: I'm willing to  
5 drop that one.

6 MEMBER MUNN: Yes. We see a lot  
7 of those in the ordinary course of events.

8 CHAIRMAN GRIFFON: All right, the  
9 last one I have on the page is 570. And this  
10 does have some skin, but it's also got urinary  
11 organs excluding bladder, kind of interesting.  
12 And it's X-10 and Y-12. All right.

13 I'm moving on to the next page,  
14 well, if you have pages demarcated. This is  
15 page 22. I've got 754 which is 46.99 PoC.  
16 Thyroid from Savannah River Site.

17 MEMBER MUNN: Thyroid.

18 CHAIRMAN GRIFFON: We've had quite  
19 a few lung cases, I believe.

20 MEMBER MUNN: Yes.

21 CHAIRMAN GRIFFON: And these are  
22 also getting above 45 percent PoC, too. So

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 we're right -- these are very close to the --  
2 the next one I have is 629.

3 MEMBER MUNN: Yes.

4 CHAIRMAN GRIFFON: Which is  
5 Blockson, but it also had Argonne East, so  
6 it's kind of -- a couple of reasons for that  
7 one.

8 And then 744, Savannah River lung.  
9 We have had several of those, but this is a  
10 very close borderline. We've also had a few  
11 that were close to the 50 percentile. That  
12 was the interest there. 744.

13 And 358, the very next one, Los  
14 Alamos.

15 MEMBER MUNN: Yes.

16 CHAIRMAN GRIFFON: Not a very long  
17 job period, but it gets into a decade that we  
18 often don't see and then you have 80 Los  
19 Alamos. So a little different.

20 Then I had 666. That's a Fernald.  
21 It is a skin cancer. Again, it's 43 years of  
22 experience. It could be a multiple skin, but

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 where it's so close that you just -- you know.

2 Looks like an interesting case.

3 Next, the very next one too, 517,  
4 Sandia National Laboratory. I don't think  
5 we've had very many cases from Sandia and it's  
6 really close to the 50 percentile.

7 And then I have the next one  
8 checked of, 648, which is General Steel again.

9 I would actually say drop my other General  
10 Steel and put this one in. It's really close  
11 to the cut off end.

12 MEMBER MUNN: That might not hurt  
13 to leave the other one in.

14 CHAIRMAN GRIFFON: Especially for  
15 the preliminary round, maybe leave both.  
16 Alright, I'm going on to the next page.  
17 Actually, that's all I had and that was only  
18 looking between 40 and 50. Now let me just  
19 get a count, unless somebody is keeping track.

20 MEMBER MUNN: I have 25.

21 CHAIRMAN GRIFFON: I have 26, so -

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 MUNN: I missed one.

2                   CHAIRMAN GRIFFON: We're close in  
3 there somewhere. I think I've got 26. So we  
4 should probably at least get 40, if we're  
5 going to try to come out with 30 because we  
6 could lose cases for a number of reasons.  
7 They could be under review or they could --

8                   MEMBER MUNN: Forty is a lot safer  
9 number.

10                  CHAIRMAN GRIFFON: Right, right.  
11 So going back to the beginning of the  
12 spreadsheet, I actually, and I can be talked  
13 out of this, but I actually did not go all the  
14 way back to the beginning. I started at about  
15 page eight, fairly random cutoff, but all  
16 these PoCs, most of them are one through five,  
17 I thought a PoC of one through five, how much  
18 are we going to get out of those reviews,  
19 unless it's a unique site. And I must admit  
20 there may be some on there that we would want  
21 to consider for that reason.

22                  MEMBER MUNN: Even in that case,

**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 circumstances would be -- have to be  
2 extraordinary for a dose reconstructor to have  
3 gone higher.

4 CHAIRMAN GRIFFON: Right, and I  
5 think usually the policy, if they don't --  
6 these say full internal and external, but my  
7 guess is a lot of them are going to have maybe  
8 full external because they had their badge  
9 data, but then they used an overly generous  
10 internal dose.

11 MEMBER MUNN: In order to even get  
12 what they had.

13 CHAIRMAN GRIFFON: Right, even to  
14 get up to the very low PoCs. I would say if  
15 it's okay, if you have any cases on the first  
16 -- prior to this, certainly put them on the  
17 table, but I was starting at page eight,  
18 number 680 which was an 8.2 PoC. And the only  
19 reason I picked that was for the site and the  
20 same reason for the next one, Heppenstall. I  
21 don't think we've had anything from there.

22 MEMBER MUNN: I haven't heard

**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 anything from there either.

2 CHAIRMAN GRIFFON: Very low PoC,  
3 but I thought it was worth at least a  
4 consideration to review.

5 MEMBER PRESLEY: Hey, Mark?

6 CHAIRMAN GRIFFON: Yes.

7 MEMBER PRESLEY: This is Bob. One  
8 of the things that I've been looking at on  
9 here, nothing I've got jives with what you've  
10 got, so I've been going through by location  
11 and looking. When you talk about these places  
12 where we have this reduction pilot plant,  
13 they're all very, very low PoC. But there's a  
14 couple of them have got -- there's quite a few  
15 of them, a couple of them have a lot of years.

16 CHAIRMAN GRIFFON: Right.

17 MEMBER PRESLEY: With lung and  
18 urinary and bladder problems.

19 CHAIRMAN GRIFFON: I did pick one  
20 from there. It's coming up. I know I picked  
21 one from there, Bob.

22 MEMBER PRESLEY: That's one of the

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 places I was looking at.

2 CHAIRMAN GRIFFON: Yes, I'm with  
3 you. I'm with you. I definitely selected one  
4 from there. As we're going through, if you  
5 don't like the one I took, if you have another  
6 one in mind.

7 MEMBER PRESLEY: I think we just  
8 ought to check that out.

9 CHAIRMAN GRIFFON: Yes. All  
10 right. So I'm going to check for now anyway,  
11 680 and 438, on that page eight.

12 MEMBER MUNN: I see 680 also.  
13 Although that one -- well. We're going to be  
14 -- that site is going to be covered pretty  
15 well, hopefully.

16 CHAIRMAN GRIFFON: That's the  
17 other questions, yes. Some of these could  
18 fall under SEC -- yes.

19 MEMBER MUNN: Yes.

20 CHAIRMAN GRIFFON: I'll put a  
21 question mark next to that. If we get way  
22 over the 40 mark, then we can go back and tone

**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 down a little bit.

2 MEMBER MUNN: If I were doing it  
3 all by myself, I probably wouldn't do 680.

4 CHAIRMAN GRIFFON: Yes.

5 MEMBER MUNN: Just because I know  
6 that site is going to be well covered.

7 MR. HINNEFELD: This is Stu  
8 Hinnefeld. General Atomics, I don't know that  
9 there's been a lot of work there. General  
10 Atomics, isn't that the one down in La Jolla?

11 MEMBER MUNN: I think it's going  
12 to end up being -- it could be.

13 MR. HINNEFELD: The site in Santa  
14 Susana is Atomics International.

15 MEMBER MUNN: Yes.

16 MR. HINNEFELD: And I think  
17 General Atomics is a site down by La Jolla.

18 MEMBER MUNN: It is the site down  
19 by La Jolla. I'm quite sure you're right  
20 about that. I think --

21 CHAIRMAN GRIFFON: Did one of  
22 those get an 83.14?

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1                   MR. HINNEFELD:     That was Santa  
2     Susana.   That's all the sites associated with  
3     Santa Susana, Downey, De Soto, Canoga.

4                   MEMBER MUNN:    Okay.   I withdraw my  
5     concern.

6                   CHAIRMAN GRIFFON:   The next one I  
7     have is on the next page, PoC of 10.69.   See  
8     if you can find it, Wanda, 541.

9                   MEMBER MUNN:    Yes.

10                  CHAIRMAN GRIFFON:     That's the  
11     Aluminum Company of America, Alcoa.

12                  MEMBER MUNN:    That makes sense.

13                  CHAIRMAN GRIFFON:     Just that we  
14     haven't looked at that site at all before.  
15     And that probably will be the last time.

16                  The next one I have was 742,  
17     solely based on the site again, Westinghouse  
18     Nuclear Fuels Division.

19                  MEMBER MUNN:    Yes.

20                  CHAIRMAN GRIFFON:     I don't think  
21     we've done any cases there.

22                  MEMBER MUNN:    I don't think 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 done any.

2 MR. HINNEFELD: Mark, this is Stu.

3 To facilitate finding that, what's the PoC on  
4 that one?

5 CHAIRMAN GRIFFON: 11.118.

6 MR. HINNEFELD: I've got it.  
7 Thanks.

8 MEMBER MUNN: 204.

9 CHAIRMAN GRIFFON: This is Mark  
10 again. Sorry, I'm not saying my name each  
11 time. The next one I have is PoC of 11.52 and  
12 it's for Hooker Electrochemical and now I  
13 would ask Doug if we've done any cases from  
14 this site because if we have, I would withdraw  
15 this case?

16 MEMBER MUNN: I'm pretty sure we  
17 have.

18 MR. FARVER: You've done at least  
19 one Hooker Electrochemical.

20 CHAIRMAN GRIFFON: Well, for that  
21 reason this doesn't look that interesting if  
22 we've done one case. I'll drop that one.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1                   And the next one I have is exactly  
2                   what Bob was pointing out, a PoC of 11.82,  
3                   Reduction Pilot Plant.

4                   MEMBER MUNN:    Yes.

5                   CHAIRMAN GRIFFON:   Case 117.

6                   MEMBER MUNN:    Yes.

7                   CHAIRMAN GRIFFON:   So I am up to  
8                   30 total so far.  Moving on to the next page,  
9                   the next one I have was PoC of 12.46, case  
10                  number 711, the S-50 Oak Ridge Thermal  
11                  Diffusion.  I don't think we've done the S-50  
12                  facility.  It's 3.7 years, but that might be  
13                  the whole extent of that operation.

14                  MEMBER MUNN:    I'm not familiar  
15                  with the site.

16                  MEMBER PRESLEY:    This is Bob  
17                  Presley.  I don't think it was that long.

18                  CHAIRMAN GRIFFON:   I don't think  
19                  it was that long either.  So yes, 3.7 years is  
20                  pushing it, right, Bob?

21                  MEMBER PRESLEY:    Yes.

22                  CHAIRMAN GRIFFON:   So this -- I

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 know it's something we haven't looked at a  
2 lot. It is covered with -- it's a skin cancer  
3 again, but it is kind of a unique facility to  
4 look at, a unique part of the K-25 complex.

5 MEMBER MUNN: Well, if we look at  
6 it as being something different than Oak  
7 Ridge, all right.

8 MR. FARVER: Mark, this is Doug.

9 CHAIRMAN GRIFFON: Yes.

10 MR. FARVER: Going back one about  
11 the reduction pilot plant, there's also a case  
12 to contrast the one you picked, it up just  
13 over 50 percent and I don't know if you'd like  
14 to do both of those to like contrast it.

15 I'm trying to find the case  
16 number.

17 CHAIRMAN GRIFFON: Alright, if you  
18 find that. We might want to pick it to look  
19 in our first round here. And then maybe we  
20 can find out more when NIOSH pulls all the  
21 information because if they're using the same  
22 exactly model, I'm not sure how much, what we

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 would gain from one versus the other. But one  
2 is real low and one is over 50, so --

3 MR. FARVER: It's 208.

4 CHAIRMAN GRIFFON: Do you have the  
5 50 point what, we're all sorting by PoC right  
6 now?

7 MR. FARVER: 50.43.

8 CHAIRMAN GRIFFON: Alright, I'm  
9 willing to check that. I'm not sure we want  
10 to end up with both cases, but --

11 MR. FARVER: I thought it was  
12 interesting; they're both about 30 some years.

13 CHAIRMAN GRIFFON: Yes.

14 MR. FARVER: And vastly differed.

15 CHAIRMAN GRIFFON: This is a skin.  
16 It may be multiple skin cancer too.

17 MR. FARVER: I have no idea.

18 CHAIRMAN GRIFFON: But anyway,  
19 right.

20 MR. FARVER: Since we haven't done  
21 that site at all.

22 CHAIRMAN GRIFFON: Okay. I'll put

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 that on the list for now.

2 MEMBER MUNN: So we're comparing  
3 208 with which one?

4 CHAIRMAN GRIFFON: With the last  
5 one we have which is 11.82 PoC. They're just  
6 the same plant. They both had 30 some years'  
7 experience, but there are different types of  
8 cancer, both at that reduction pilot plan.

9 MEMBER PRESLEY: Hey, Mark?

10 CHAIRMAN GRIFFON: Yes, I'm not  
11 sure. We may not including the -- keeping  
12 that one, but -- or keeping both of those, but  
13 --

14 MEMBER PRESLEY: This is Bob.  
15 There's one 12.7. There's been quite a few of  
16 these to pop up, this Birdsboro Steel &  
17 Foundry?

18 CHAIRMAN GRIFFON: Yes, that was  
19 my next one, actually.

20 MEMBER PRESLEY: Okay.

21 CHAIRMAN GRIFFON: Do you agree  
22 with that?

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1                   MEMBER PRESLEY:     Yes, I don't  
2 think we've done any of those at all.

3                   CHAIRMAN GRIFFON:    I don't think  
4 so either. And it may be a TBD-6000 kind of  
5 thing, but it's worth --

6                   MEMBER PRESLEY:    Looking into.

7                   CHAIRMAN GRIFFON:    Yes, yes. I  
8 agree with that, 138. And the next one I have  
9 was the DuPont Deepwater Works, but didn't we  
10 just select one of those?

11                  MEMBER MUNN:     Yes, we chose one of  
12 the higher PoCs.

13                  CHAIRMAN GRIFFON:    I think this  
14 one can be dropped. The next one I have was  
15 not so interesting. I'll drop that. It was  
16 the very next one, 14.02, but the only  
17 interest was because it was at all three, but  
18 there's a lot of people, a lot of claims of  
19 workers that worked at all three of those  
20 sites.

21                  MEMBER MUNN:     Yes.

22                  CHAIRMAN GRIFFON:    I'll drop that

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 one. That brings me up to 33, I believe. And  
2 I'm going on to the next one I have -- did you  
3 have one? I'm sorry?

4 MEMBER MUNN: I'm looking at 752.

5 CHAIRMAN GRIFFON: 52.

6 MEMBER MUNN: It's another one of  
7 those, gosh, we've never done anything like  
8 that?

9 CHAIRMAN GRIFFON: What PoC is it?

10 MEMBER MUNN: 16.16.

11 CHAIRMAN GRIFFON: Oh yes, I  
12 missed that one. Uranium mill. Oh, I know  
13 why I sort of went over them because of the  
14 limited -- it's not even a year of experience  
15 there.

16 MEMBER MUNN: Yes.

17 CHAIRMAN GRIFFON: So I thought we  
18 might wait on that one.

19 MEMBER MUNN: Okay.

20 CHAIRMAN GRIFFON: The next one I  
21 have is -- the PoC is 22.28. I think I get  
22 confused because Bridgeport Brass, they 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 an Adrian plant and they have the other plant  
2 and I forget -- then it includes this  
3 extrusion plant which I think is a different  
4 place.

5 MEMBER MUNN: I don't know.

6 MR. HINNEFELD: This is Stu.

7 MEMBER MUNN: We've done several  
8 Bridgeport Brass.

9 MR. HINNEFELD: Bridgeport Brass,  
10 there's a Bridgeport and Adrian and then  
11 there's a Bridgeport Brass, Havens Lab.

12 CHAIRMAN GRIFFON: Right.

13 MR. HINNEFELD: And the extrusion  
14 plant is also a plant called Reactive Metals,  
15 RMI.

16 MEMBER PRESLEY: That's what I was  
17 going to say --

18 CHAIRMAN GRIFFON: That's a  
19 separate facility, is that right?

20 MEMBER PRESLEY: That's a total  
21 separate facility because that's where I used  
22 to go up and do a lot of work.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1                   CHAIRMAN GRIFFON: So that's why I  
2 was going to select that one because we  
3 haven't looked at that at all as far as I  
4 remember.

5                   MEMBER PRESLEY: Yes.

6                   CHAIRMAN GRIFFON: Okay.

7                   MEMBER PRESLEY: That's a total  
8 different outfit up there.

9                   CHAIRMAN GRIFFON: Alright, that  
10 brings my rough count up to 34. And --

11                  MR. KATZ: Mark, what's the number  
12 of the Bridgeport Brass case? This is Ted.

13                  CHAIRMAN GRIFFON: I'm sorry --

14                  MEMBER MUNN: 525.

15                  CHAIRMAN GRIFFON: Yes, case 525,  
16 PoC 22.28.

17                  The next one I have goes all the  
18 way up to -- PoC, 27.52, a different company.  
19 That's the main reason on this one.

20                  MEMBER MUNN: Yes.

21                  CHAIRMAN GRIFFON: Any others in  
22 between, let me know. Here is one I picked

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 for uranium mill in Monticello. It has four  
2 years of experience, breast cancer, 28.65. I  
3 thought that was a little, a little more work  
4 history there.

5 MEMBER MUNN: Yes.

6 MR. HINNEFELD: This is Stu. The  
7 last one you selected as for American Bearing  
8 Corp., right?

9 CHAIRMAN GRIFFON: Yes.

10 MR. HINNEFELD: Selection 137?

11 CHAIRMAN GRIFFON: Yes.

12 MEMBER PRESLEY: Hey, Mark? This  
13 is Bob. PoC 26.2 is from Ames Laboratories,  
14 Spencer Chemical, Jayhawk Works, Iowa National  
15 Lab. Is that part of INL or is that a  
16 separate facility?

17 MR. HINNEFELD: This is Stu. Iowa  
18 National Lab is INL. Ames Laboratories is at  
19 University of Iowa.

20 MEMBER PRESLEY: Okay.

21 MR. HINNEFELD: And Spencer  
22 Chemical is an AWE; it is -- I want to say

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1       it's in Kansas, but I won't swear that that's  
2       true.

3                   MEMBER PRESLEY:    I don't think we  
4       have done any --

5                   CHAIRMAN GRIFFON:   Yes, we haven't  
6       done Spencer Chemical.

7                   MEMBER PRESLEY:    That's a new  
8       outfit.

9                   MEMBER MUNN:       But then this is  
10      just another one of those cases where somebody  
11      has worked many places.  I don't know how much  
12      it's going to tell us our Spencer Chemical or  
13      Jayhawk.

14                  CHAIRMAN GRIFFON:    True.    We'd  
15      have to look into Spencer Chemical by looking  
16      at this person, I guess, is what Bob's point  
17      is.

18                  MR. HINNEFELD:    Yes.

19                  CHAIRMAN GRIFFON:    It may be that  
20      he just went there for a month or something,  
21      you know.  We don't know.

22                  MEMBER MUNN:       Yes.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1                   CHAIRMAN GRIFFON: I mean I'll put  
2                   it on this preliminary cut through.

3                   MEMBER PRESLEY: Yes.

4                   CHAIRMAN GRIFFON: And then, Stu,  
5                   I don't know if you got that last one, 753,  
6                   28.65 PoC, the uranium mill one.

7                   MR. HINNEFELD: Yes, I do have  
8                   that.

9                   CHAIRMAN GRIFFON: Okay. The next  
10                  one I have was the International Minerals and  
11                  Chemical Corp, PoC 28.74. Again, the main  
12                  reason was the facility. The next one I have  
13                  was 564, its PoC is 30.42. And this was  
14                  because of -- it's got the Oak Ridge Paducah  
15                  stuff, but also SAM Laboratories.

16                  MEMBER PRESLEY: Yes, I've not got  
17                  any problem with that. Let me ask you a  
18                  question. How many have we done on Iowa  
19                  Ordnance?

20                  MEMBER MUNN: Couple.

21                  MEMBER PRESLEY: Have we? Okay.

22                  MEMBER MUNN: Early on as I

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 recall.

2 CHAIRMAN GRIFFON: Yes, yes. I  
3 think we did do a couple of that, yes.

4 Alright, and the next one I have  
5 is -- well, this gets a little out of the  
6 unique site stuff now because we're getting a  
7 little higher with the PoC, 32.14 PoC. It's  
8 Los Alamos. And a lot of years of experience  
9 starting in the '50s. I thought that was  
10 worth looking at anyway.

11 Next one I have was two down from  
12 that, Savannah River, nervous system. A  
13 little different organ of interest. Thirty-  
14 eight years work there. Case 572.

15 The next one I have was 642, which  
16 is PoC 33.65, esophagus at Mound, 30 years of  
17 experience, 1960. Unique for the work history  
18 anyway.

19 My rough count, I may be off by a  
20 few right now, I think I'm up to 38 on my  
21 cases.

22 MEMBER MUNN: We're getting pretty

**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 close.

2 CHAIRMAN GRIFFON: Yes.

3 MEMBER PRESLEY: Mark, let me ask  
4 you something?

5 CHAIRMAN GRIFFON: Go ahead.

6 MEMBER PRESLEY: How many of the  
7 Mallinckrodt at Destrehan Street in Weldon  
8 Springs have we done? I know we've done a  
9 few, but it looks like that's going to crop  
10 back up on our chart here.

11 CHAIRMAN GRIFFON: I don't  
12 remember actually doing many.

13 MEMBER PRESLEY: Three's a 38.363  
14 which is bladder, ten years, early on. And he  
15 said he worked both those places; bladder and  
16 genitalia.

17 CHAIRMAN GRIFFON: 38.363.

18 MEMBER PRESLEY: Yes.

19 CHAIRMAN GRIFFON: Okay. I think  
20 even more interesting is, I don't think we've  
21 done any at the Destrehan Street Plant. So  
22 yes, we'll check that off. That's 38.363,

**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 case number 396.

2 MEMBER MUNN: Even though it's  
3 skin, number 374.

4 CHAIRMAN GRIFFON: What's the PoC,  
5 Wanda?

6 MEMBER MUNN: 3694.

7 CHAIRMAN GRIFFON: Okay.

8 MEMBER PRESLEY: Pacific Proving  
9 Grounds?

10 MEMBER MUNN: Yes.

11 MEMBER PRESLEY: We haven't done  
12 anything on that, have we?

13 MEMBER MUNN: Short period, but I  
14 don't think we've looked at it.

15 CHAIRMAN GRIFFON: Yes, very short  
16 period, but I don't think we looked at it.  
17 Okay, let's add that one.

18 And the last one I have was PoC  
19 39.379 which was the Savannah River. It's a  
20 lung and all male genitalia, 33 years. That  
21 was all I had. That actually brings us right  
22 up to 40.

**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 PRESLEY: I got one more.

2 CHAIRMAN GRIFFON: Okay.

3 MEMBER PRESLEY: PoC of 41.92,  
4 W.R. Grace.

5 CHAIRMAN GRIFFON: I didn't get  
6 that one.

7 MEMBER MUNN: 41.92.

8 CHAIRMAN GRIFFON: I got that one  
9 already.

10 MEMBER PRESLEY: We got it on  
11 there? All right.

12 CHAIRMAN GRIFFON: I did not even  
13 look at the random list. If you want to take  
14 a minute and look at the random list.

15 The other thing -- we can do this  
16 when we get all these -- when NIOSH gives us  
17 the additional information on this. The one  
18 thing I'm going to pay attention to for our  
19 final selection is the date that they were  
20 done because I know that that's one criteria.

21 Wanda, you talked about some of the material.

22 Now if it's a unique site, it may

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 not matter that much, a site that we've never  
2 looked at before, but if it's things like  
3 Savannah River, we want to get more current  
4 cases because we want to see if -- we don't  
5 want to review the same findings again,  
6 basically.

7 MEMBER MUNN: No.

8 CHAIRMAN GRIFFON: We want to get  
9 the more current dose rate constructions where  
10 we can, but that's something I will pay  
11 attention a little more in the next -- as we  
12 look through the next round.

13 MEMBER MUNN: That's wise.

14 CHAIRMAN GRIFFON: Does anyone  
15 have any more on this list?

16 MEMBER PRESLEY: I'm looking at  
17 one at the random list. This is Bob. And  
18 it's 016 and it's the Clarksville facility.  
19 It's got quite a few years.

20 CHAIRMAN GRIFFON: Four and a half  
21 years. We can certainly --

22 MEMBER PRESLEY: I don't know if

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 that place was in existence or not, but maybe  
2 it was.

3 MEMBER MUNN: That's new.

4 CHAIRMAN GRIFFON: Let's add that  
5 on to the list. So that's -- Stu, you  
6 tracking these too. I'll send you my list.

7 MR. HINNEFELD: Okay, just send me  
8 your list today or early tomorrow.

9 MEMBER PRESLEY: That's all I've  
10 got.

11 MR. HINNEFELD: Sent it to Brant,  
12 too, if you will, please.

13 CHAIRMAN GRIFFON: I will, I will.

14 MR. HINNEFELD: Okay.

15 CHAIRMAN GRIFFON: And I'm just  
16 looking through the random list really quick  
17 one more time, just to take a couple of  
18 minutes if anybody else has any others.  
19 Sometimes these overlap too, as we know.

20 I think that Alcoa lung case is  
21 the same one we just picked.

22 MEMBER MUNN: Yes, probably, yes.

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1                   CHAIRMAN GRIFFON:       There is a  
2                   Stanford Linear Accelerator Center. I'm on  
3                   the last page which I'm pretty sure we never  
4                   looked at that.

5                   MEMBER PRESLEY:   Probably haven't.  
6                   We did a lot of research over there.

7                   CHAIRMAN GRIFFON:   Yes. I think I  
8                   want to add that one on there if that's okay.

9                   MEMBER MUNN:    036, right?

10                  CHAIRMAN GRIFFON:       Yes, case  
11                  number 036, yes, the last page. And that's  
12                  all I have.

13                  MEMBER PRESLEY:   This is Bob. I  
14                  didn't see anything else.

15                  CHAIRMAN GRIFFON:       Okay. John,  
16                  any others that you had?

17                  MR. POSTON:    I'm fine.

18                  CHAIRMAN GRIFFON:       Okay. What I  
19                  can do also is I'll send out all the -- to Stu  
20                  and Brant, but also to everyone on the  
21                  Committee just to make sure I didn't, you  
22                  know, mess up on my notes here, but I'll send

**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 out and I'll put the three digits to the left,  
2 three digits of the case number so if you look  
3 through there and see something that -- or  
4 something missing, just ship me an email and  
5 this is our preliminary cut, so it doesn't  
6 really matter if we add one or two more.

7 But I think we're like 42, Stu, so  
8 that should be a reasonable number for you  
9 guys to manage and we can still hopefully get  
10 around 30 cases for SC&A. I think we're all  
11 set.

12 MEMBER MUNN: Great. If you'll do  
13 all the work, that's super.

14 CHAIRMAN GRIFFON: Yes, well, this  
15 is not that much work. So I can handle this.

16 MEMBER MUNN: You and Stu do all  
17 the work.

18 CHAIRMAN GRIFFON: Yes. NIOSH can  
19 do all the work they are going to pull all the  
20 cases, that's the hard part. Okay, that's it.

21 That's one of our shortest Dose  
22 Reconstruction Subcommittee meetings ever.

**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: Mark, can you hear me?

2 CHAIRMAN GRIFFON: Yes.

3 MR. KATZ: This is Ted. I just  
4 want to be clear about the path going forward.  
5 Did I understand correctly what you said in  
6 the beginning, or Stu, that these cases would  
7 not be ready for the May Board Meeting for  
8 Board selection but a teleconference following  
9 that meeting?

10 CHAIRMAN GRIFFON: Yes, I was  
11 being overly ambitious and we scheduled this  
12 too close to the full Board meeting for that  
13 to be a reality, because NIOSH has to open up  
14 each one of these cases to find out that  
15 additional information that we want and to  
16 open and go through each case in the short  
17 amount of time is not realistic.

18 So yeah, we'll have to wait until  
19 our next phone Board meeting to do the final  
20 selection.

21 MR. KATZ: Okay, I just wanted to  
22 be clear because we had it tentatively on 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 agenda for the working time at the Board  
2 meeting, so --

3 CHAIRMAN GRIFFON: I think we'll  
4 stick with our process though. That was my  
5 hope to try to get that in, but -- yes.

6 MR. HINNEFELD: This is Stu. What  
7 will happen the next step is that either Brant  
8 or I will send to all the Subcommittee Members  
9 and to Doug the cases that were selected  
10 today, along with another five or six columns  
11 of additional information, once we've opened  
12 up the claims and populated those fields.

13 So those will be available to the  
14 Subcommittee.

15 Or if it's preferred, I can send  
16 it to the entire Board, however.

17 CHAIRMAN GRIFFON: Yes, I think we  
18 should probably do it to the entire Board at  
19 this point.

20 MR. HINNEFELD: Okay.

21 CHAIRMAN GRIFFON: You can say  
22 these are the cases that the 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       preselected.

2                   MR. HINNEFELD:   Preliminarily --

3                   CHAIRMAN GRIFFON:   -- additional  
4       information on those cases.

5                   MR. HINNEFELD:   Okay.   And I'll  
6       sort of -- I can run the discussion on that  
7       and explain what we did in the first round,  
8       but then I don't think we need that middle  
9       step of having us come back together again  
10      with the additional information and then  
11      bringing it back to the Board.  Let's just go  
12      right to the full Board at this point on a  
13      phone meeting.

14                  MEMBER PRESLEY:   Well, either that  
15      or Stu, did you say there's no way in the  
16      world that you can get anything ready like  
17      that?

18                  MR. HINNEFELD:   For next week, not  
19      a chance, Bob.

20                  MEMBER PRESLEY:   All right.

21                  CHAIRMAN GRIFFON:   Just the way  
22      the schedule worked out, we couldn't get a

**NEAL R. GROSS**

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701

1 meeting set before this because of all the  
2 other meetings. So, yes.

3 MEMBER MUNN: There's too much  
4 going on.

5 CHAIRMAN GRIFFON: We'll proceed  
6 as fast as we can.

7 MR. HINNEFELD: And everybody, I  
8 would like everybody to recognize that the  
9 people who are going to have to open these  
10 cases and look at them and pick these -- find  
11 that additional piece of information have to  
12 be relatively experienced dose reconstructors  
13 and we're now in our last three weeks of  
14 trying to meet our June 1st deadline for the  
15 old claims. So we're going to be putting  
16 experienced dose reconstructors on this,  
17 unless they're conflicted on all the remaining  
18 June 1st claims.

19 MEMBER PRESLEY: No problem.

20 CHAIRMAN GRIFFON: Alright, that's  
21 our path forward and we'll bring the full list  
22 to the next phone meeting of the Board and go

**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 there.

2 Thank you all. I think we're all  
3 set here.

4 MEMBER PRESLEY: Alright, we'll  
5 see you all.

6 CHAIRMAN GRIFFON: Thanks very  
7 much and meeting adjourned.

8 (Whereupon, the above-entitled  
9 matter went off the record at 4:01 p.m.)

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)

**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)