

UNITED STATES OF AMERICA  
DEPARTMENT OF HEALTH AND HUMAN SERVICES  
CENTERS FOR DISEASE CONTROL AND PREVENTION

+ + + + +

NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY  
AND HEALTH  
ADVISORY BOARD ON RADIATION AND  
WORKER HEALTH

+ + + + +

SUBCOMMITTEE ON DOSE RECONSTRUCTION REVIEWS

+ + + + +

THURSDAY, JANUARY 7, 2010

+ + + + +

The meeting came to order at 9:30  
a.m. Eastern Standard Time via teleconference,  
Mark Griffon, Chairman, presiding.

BOARD MEMBERS PRESENT:

MARK GRIFFON, Chairman  
BRAD CLAWSON  
MIKE GIBSON  
WANDA MUNN  
JOHN POSTON

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ALSO PRESENT:

THEODORE KATZ, Acting Designated  
Federal Official

IDENTIFIED PARTICIPANTS PRESENT:

ISAF AL-NABULSI, DOE  
KATHY BEHLING, SC&A  
DOUG FARVER, SC&A  
STU HINNEFELD, OCAS  
EMILY HOWELL, HHS  
SCOTT SIEBERT, ORAU  
BRANT ULSH, OCAS  
CHRISTINA GOUCK (phonetic)

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

2 (9:32 a.m.)

3 MR. KATZ: This is the Advisory  
4 Board on Radiation and Worker Health, the Dose  
5 Reconstructions Review Subcommittee.

6 This is Ted Katz. I'm the DFO for  
7 the Advisory Board. We're going to begin with  
8 roll call, beginning with Board members.

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

11 MEMBER CLAWSON: Brad Clawson,  
12 Work Group member.

13 MEMBER POSTON: John Poston, Work  
14 Group member.

15 MEMBER MUNN: Wanda Munn, Work  
16 Group member.

17 MEMBER GIBSON: Mike Gibson,  
18 Subcommittee member.

19 MR. KATZ: Any other Board members  
20 on? No?

21 Okay, then members of the OCAS  
22 ORAU team?

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1                   MR. HINNEFELD:    Stu Hinnefeld and  
2    Brant Ulsh from OCAS.

3                   MR. SIEBERT:     Scott Siebert from  
4    the ORAU team.

5                   MR. KATZ:     Okay, and then the SC&A  
6    team.

7                   MS. BEHLING:     Kathy Behling from  
8    SC&A.

9                   MR. FARVER:     Doug Farver, SC&A.

10                  MR. KATZ:     Kathy, is that all we  
11    should expect today for SC&A?

12                  MS. BEHLING:    I thought John Mauro  
13    was going to join us also.

14                  MR. KATZ:     Okay, well maybe he  
15    will shortly. That takes care of SC&A.

16                  Okay then,    HHS employees or  
17    contractors or other government employees or  
18    contractors?

19                  MS. HOWELL:    Emily Howell, HHS.

20                  MS. AL-NABULSI:   Isaf Al-Nabulsi,  
21    DOE.

22                  MR. KATZ:     Okay then, and any

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1 members of the public who would like to  
2 identify themselves?

3 MS. GOUCK: Christina Gouck. I  
4 work for the Post Office. I'm just a member  
5 of the public, though.

6 MR. KATZ: Yes, welcome.

7 MS. GOUCK: Thank you.

8 MR. KATZ: Very good. Just let me  
9 ask everyone on the phone except for -- when  
10 you're speaking, keep your phone muted. If you  
11 don't have any mute button, please use \*6 on  
12 your phone. It will work just like mute. And  
13 then if you need to come off of mute, you use  
14 \*6 again.

15 If you need to leave the call at  
16 any time, just put -- hang up and dial back  
17 in. Don't use your hold, which will disrupt  
18 the call.

19 And it's all yours, Mark.

20 CHAIRMAN GRIFFON: Thanks, Ted.  
21 This was -- I don't know if -- there was a  
22 little confusion with the emails, so we were

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1 actually considering cancelling this  
2 Subcommittee meeting because of NIOSH, ORAU --  
3 just with all the burden with other pressing  
4 issues on SEC issues, I believe, they asked  
5 that we might put this off because there  
6 wasn't much progress on the case work.

7 But I wanted to at least have this  
8 phone call just on the follow-up report on the  
9 first 100 cases. I expect this to be a quick  
10 meeting -- hopefully, an hour or maybe a  
11 little more than that, but just to go over  
12 this letter report. I hope everyone received  
13 the latest draft.

14 I left it in red lines so people  
15 could see the changes I made from the first  
16 draft that we had put out at the last  
17 Subcommittee meeting.

18 I actually went through the draft  
19 transcripts. I'm almost finished reviewing the  
20 entire transcript, by the way. That's another  
21 item that I have to return to NIOSH.

22 But I did go through the

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1 discussion that we had at the last meeting to  
2 refresh my memory on this, and then I re-  
3 drafted this letter report a little bit. I  
4 guess I should say up front that my intentions  
5 would be at this upcoming Board meeting to  
6 give a status report on this.

7           The reason is that -- at least,  
8 especially in the first section, the Quality  
9 Control section -- I think, at the  
10 Subcommittee, at the last meeting, we asked  
11 SC&A to look into some possible cases to do  
12 sort of drill-down investigations on.

13           Doug Farver did get back to me  
14 yesterday or the day before. They've actually  
15 at least done some preliminary selections on  
16 some cases that they think would be  
17 appropriate. I feel like that might be  
18 something after we look into that, we might  
19 have a clear report for the full Board in  
20 terms of recommendations from the first 100  
21 cases. Until we do that, we're really sort of  
22 -- this is sort of interim report status.

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1           So I was just going to give this  
2           as an oral sort of status report. I don't  
3           know that we should get hung up on the exact  
4           language in this draft report at this point  
5           until SC&A goes to the next step and does some  
6           of that additional work. That's one item.

7           In the last section, there's the  
8           section where we said what has come out of the  
9           -- as a result of the findings, for instance,  
10          there's the one item, dose reconstruction  
11          reports were modified. The report format was  
12          modified, it should probably say.

13          In addition, there's, I think,  
14          three -- no, I think we've got three PERs that  
15          SC&A -- I think Kathy Behling looked into this  
16          and we ran this by Stu and I think we can say  
17          that three PERs were -- and I think I'll --  
18          we'll have to work on the wording on this, but  
19          I think three PERs were at least in part  
20          related to the first 100 case findings.

21          Stu, I think that wording --  
22          something like that would probably be okay

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1 with you. It's unclear, I think, some -- one  
2 of the PERs, at least, was sort of -- it might  
3 have been underway while the findings were  
4 being considered so it's not clear whether  
5 NIOSH was already beginning to re-evaluate  
6 those cases or whether it was a result of the  
7 finding.

8 But I think if we said something  
9 like at least in part related to -- that sort  
10 of shows what things were changed in the  
11 program as a result of these first 100 case  
12 reviews.

13 MR. HINNEFELD: Yes, I think --  
14 Mark, this is Stu -- the language you sent in  
15 your email -- at least, in the part of the  
16 email that related to the three PERs or  
17 whatever language you used, I thought was  
18 pretty good.

19 CHAIRMAN GRIFFON: Okay.

20 MR. HINNEFELD: I mean, it's  
21 pretty clear to us -- we know the date when  
22 the lymphoma target organs issue came up, and

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1 it was at the CLL conference, the NIOSH Health  
2 Evaluation Research Branch.

3 CHAIRMAN GRIFFON: Right, right,  
4 and I was actually at that meeting.

5 MR. HINNEFELD: Yes, and I think  
6 it was actually like a sidebar conversation  
7 during that meeting was where the subject  
8 first came up.

9 CHAIRMAN GRIFFON: Yes.

10 MR. HINNEFELD: So we had started  
11 down this and we have really not gone very far  
12 and we hadn't really announced publicly we  
13 were going down this path when the finding  
14 came up in Dose Reconstruction.

15 It's kind of like it reinforces --  
16 I think we would have been there anyway with  
17 the PER. I think we're pretty confident we  
18 would have been there. But you can say,  
19 certainly, it's in part related to the  
20 findings, I think.

21 CHAIRMAN GRIFFON: I think that  
22 would be the safe way to word it. That

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1        wording is not in this draft because I've got  
2        comments back from Doug and Stu in the last  
3        couple days. I didn't get a chance to re-edit  
4        this draft. I didn't think it was really  
5        necessary for the phone call meeting.

6                        So just to step back for a second.  
7        I got a little ahead of myself, probably, but  
8        the letter or this report is actually -- it's  
9        designed to come from our Subcommittee to the  
10       full Board for consideration. I guess it  
11       would be what the full Board wants to then do  
12       is an open issue for us to consider at the  
13       full Board meeting.

14                      Like I said, for this next  
15       meeting, I think I'm still at status reports  
16       stage and we can at least say that we're --  
17       what I want to do also is -- so there's three  
18       major items, I guess, and then the fourth item  
19       would be the changes that have resulted as a  
20       result of the case reviews, which is the last  
21       item.

22                      The one, the first item, that's

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1 the Quality Control/Quality Assurance section,  
2 which we discussed fairly at length at the  
3 last meeting -- the second item is the  
4 appropriate use and consideration of  
5 information provided by the claimant workers  
6 and the public. The last item is the case  
7 documentation and reporting.

8 As you look through these, I also  
9 note -- and I think we had this in the last  
10 meeting -- transcripts reflect this -- but  
11 these topics can sort of overlap each other  
12 sometimes, so there might be a little overlap  
13 in these.

14 But in item one from our last  
15 meeting; we had discussed the idea of looking  
16 at five or ten cases which had Quality Control  
17 findings and further investigating to see sort  
18 of why these occurred.

19 In the last -- actually, I think I  
20 emailed Doug back yesterday with some  
21 questions on -- but Doug Farver, from SC&A  
22 went through and found a number of cases

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1 proposed. I think he came down with ten  
2 selected cases.

3 But I had a little bit of some  
4 follow-up questions for him. I don't know --  
5 is Doug on the line?

6 MR. FARVER: Yes, I'm here, Mark.

7 CHAIRMAN GRIFFON: Okay, yes. I  
8 mean, you could probably just -- I'll give an  
9 overview and you can probably add into this.

10 But the ten cases that SC&A  
11 selected, and we obviously will consider these  
12 as a full Subcommittee at our next meeting --  
13 if the Board doesn't want to further pursue  
14 this -- but the ten cases pretty much overlap  
15 the representative of all the Quality Control  
16 findings within the first -- I think we said  
17 to look at the first eight sets of case  
18 reviews, so that would bring us up to where  
19 we're kind of working now.

20 They pretty much run the gamut of  
21 the different types of findings. The follow-  
22 up questions I have for Doug is do we know

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1 which, from the ten that he pre-selected, do  
2 we know the sites? Because on his Excel  
3 spreadsheet, I asked if he could list the site  
4 and the type of dose reconstruction -- whether  
5 it was over, under, or best estimate --  
6 overestimate, underestimate, or best estimate.

7 I think those are sort of important factors  
8 for us to consider.

9 MEMBER MUNN: Mark, this is Wanda.

10 CHAIRMAN GRIFFON: Yes.

11 MEMBER MUNN: Are you proposing to  
12 postpone the submission of this first 100 case  
13 report until that work is done?

14 CHAIRMAN GRIFFON: That's what I'm  
15 proposing, yes, Wanda, because I thought that  
16 if we submit this to the Board, we don't  
17 really have a recommendation with regard to  
18 quality -- we're noting that Quality Control;  
19 there were several findings, but we still sort  
20 of haven't gotten to the bottom of -- if there  
21 is a bottom to get to. Is there an issue? Is  
22 there a recommendation that the Board can make

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1 with regard to improving Quality Control or  
2 when we do these drill-downs -- it might be  
3 that there's not really -- that the system is  
4 actually working.

5 So I thought it might be premature  
6 to submit our report until we find that out.

7 MEMBER MUNN: Well, my apologies  
8 for not having sent my comment and  
9 submissions.

10 COURT REPORTER: Pardon the  
11 interruption. This is the Court Reporter.  
12 Ms. Munn, if you could turn your volume up  
13 just a little bit or sit closer to your phone.  
14 Something --

15 MEMBER MUNN: I will try to  
16 snuggle up to my phone a little bit.

17 COURT REPORTER: Thank you.

18 MEMBER MUNN: Is this better?

19 COURT REPORTER: A little bit,  
20 thank you.

21 MEMBER MUNN: Alright, thanks. I  
22 have this morning sent to all of the people

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1 who were listed as recipients in your original  
2 draft some mark-ups to -- a significant number  
3 of mark-ups -- I don't know where it actually  
4 is, but --

5 COURT REPORTER: I'm sorry, Ms.  
6 Munn. I'm having a terribly hard time hearing  
7 you.

8 MEMBER MUNN: Let me see if I can  
9 call in from another -- from, perhaps, my cell  
10 phone and see if I can get a better volume for  
11 you.

12 MR. KATZ: Charles, do you have a  
13 -- this is Ted Katz -- do you have a volume on  
14 yours because I can hear her very clearly?

15 COURT REPORTER: Yes, I'm afraid  
16 that I don't have it on this phone. I can  
17 control the ringer volume, but that is really  
18 it.

19 MEMBER MUNN: Let me dial through  
20 on my cell phone.

21 CHAIRMAN GRIFFON: Wanda, before  
22 you hang up and dial in again, did you send me

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1 those mark-ups?

2 MEMBER MUNN: Yes. I only sent  
3 them this morning, Mark. My apologies.

4 CHAIRMAN GRIFFON: Okay.

5 MEMBER MUNN: I'm really sorry.  
6 It should be on your -- I just sent it CDC  
7 mail. Perhaps it -- I don't know whether it  
8 will be in that official form or if the  
9 members of the Subcommittee will keep the  
10 original.

11 CHAIRMAN GRIFFON: Yes, I don't  
12 have the email. Did other people get this,  
13 Wanda's email?

14 MR. KATZ: Yes, I got it. Mark,  
15 I'll forward it to you.

16 CHAIRMAN GRIFFON: Alright,  
17 thanks.

18 MEMBER MUNN: I sent it right  
19 after we started. I guess the real -- the  
20 real issue here is whether this is, in fact,  
21 going to continue to be the draft from which  
22 we work or if we're going to simply have

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1 different sides --

2 COURT REPORTER: My apologies.  
3 This is Charles again. I can hear everybody  
4 pretty much okay except for you, Ms. Munn. I  
5 don't know if it's just a quirk of the  
6 conference call or what, but I'm really not  
7 able to record you.

8 MEMBER MUNN: Okay. Hold on just  
9 a moment and let me see if I can get in on the  
10 other line.

11 COURT REPORTER: I just want to  
12 make sure your comments get recorded.

13 MEMBER MUNN: I do, too. I'd hate  
14 for you to miss my comments.

15 MR. KATZ: Mark, you should have  
16 it. I don't know if you've looked.

17 CHAIRMAN GRIFFON: I actually have  
18 it. It wasn't coming through on my  
19 BlackBerry, but I just logged onto the  
20 computer. I have, from Wanda, I have it.

21 MEMBER MUNN: Okay, that's good.  
22 I'm on my cell phone now. Is that any better?

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1 COURT REPORTER: That's wonderful.  
2 Thank you.

3 MEMBER MUNN: I'll try to use the  
4 cell when I'm speaking.

5 My concern was whether or not we  
6 were actually going to use this draft that we  
7 have or whether we are intending to postpone  
8 it for a significant period of time.

9 CHAIRMAN GRIFFON: Yes, my  
10 feeling, and I guess I wasn't sure at the time  
11 when I emailed it to people, but I think,  
12 after thinking about it more and getting a  
13 response from SC&A that I realize that it's  
14 probably -- we really are -- we can't really  
15 make any recommendations, especially about  
16 that first topic without going that one step  
17 further of looking back at some of those QC  
18 findings and seeing what, if anything, broke  
19 with the system, so to speak.

20 MEMBER MUNN: Well, we could, in  
21 fact, simply make the statement that we have  
22 requested this additional work from SC&A and

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1 would anticipate that any recommendations  
2 would evolve out of that and the topic of  
3 future reports.

4 CHAIRMAN GRIFFON: That's true. I  
5 guess I was seeing that as a status report and  
6 then I was thinking then I could just give a  
7 verbal report instead of worrying about the  
8 language in this write-up.

9 MEMBER MUNN: Well, okay.

10 CHAIRMAN GRIFFON: I don't know.  
11 That was my sense of this.

12 The reason I wanted to at least  
13 circulate the draft was to at least get, and I  
14 appreciate your comments now, Wanda -- it will  
15 take me a few minutes to digest them -- but to  
16 give Subcommittee members the chance to at  
17 least reflect on the general ideas and then --  
18 I didn't want to have to submit the exact  
19 language of a report until we had more work  
20 done by SC&A. That was all.

21 MEMBER MUNN: Alright. You'll  
22 find most of what I have there is editorial in

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1 nature. It hasn't really and truly changed  
2 the thrust of what you've written.

3 CHAIRMAN GRIFFON: Yes, and I  
4 think we would -- yes. For the final version,  
5 we would have to do that work, and I'll  
6 certainly have your comments.

7 Also, part of the -- it was a  
8 little difficult to write the first section  
9 until we've had more conclusive statements  
10 about just exactly what we find from the QC  
11 review.

12 That was my hesitation to actually  
13 submit it, but I understand. I was thinking  
14 of the same thing you are, Wanda, before, that  
15 we would submit this report and then say we'll  
16 send another report after we get additional  
17 work done by SC&A.

18 But I was thinking maybe it's  
19 better as just a status report at this point,  
20 so that's what I'm proposing, just to give a  
21 status update verbally.

22 MEMBER MUNN: My only caution

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1 would be that I cannot foresee a time when the  
2 Subcommittee will be operable and we will not  
3 have some sort of activity in abeyance.

4 I'm not urging you to go ahead and  
5 do this. I'm just commenting on the  
6 straightforward realization of that.

7 CHAIRMAN GRIFFON: No, but I think  
8 in this case, it is a fine -- if we indicate  
9 to the Board that we're proposing to have SC&A  
10 do this additional work -- and that's the only  
11 thing really outstanding in this report is the  
12 follow-up on the Quality Control, as far as I  
13 can see anyway unless other people have other  
14 items.

15 But that's a review of ten and  
16 that is at least defined in nature. It's not  
17 open-ended.

18 MEMBER MUNN: Essentially, you  
19 just want to have recommendations available  
20 for the QA/QC section before we submit it.

21 CHAIRMAN GRIFFON: Right. Right,  
22 that's my feeling, yes.

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1                   MEMBER MUNN:  Alright.

2                   MEMBER GIBSON:  Wanda, this Mike.

3        Maybe I'm jumping ahead, but not only is  
4        there this issue number one, but number two,  
5        there are also some open issues that I think  
6        NIOSH owes you and owes some of the other work  
7        groups answers on that I don't know that we're  
8        final on, either.

9                   CHAIRMAN GRIFFON:  Yes.  I guess  
10       you are right, Mike.  There's -- if people  
11       look at number two for a second, especially  
12       the second item, I do sort of defer that this  
13       work is also being looked at in the Worker  
14       Outreach Group, so that is true.

15                  MEMBER MUNN:  And if you look at  
16        the comments that I added to number three  
17        there, we didn't mention the fact that we did  
18        a lot of work on the CATI during Procedures.  
19        Several things changed as a result of what the  
20        Procedures Subcommittee found with CATI  
21        interviews.

22                  CHAIRMAN GRIFFON:  Yes, and that

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1 is correct, and that should be added in,  
2 Wanda, the CATI and then the PER stuff that I  
3 just received.

4 MEMBER MUNN: Yes. I had assumed  
5 that today we were going to work on the PER  
6 word-smithing.

7 CHAIRMAN GRIFFON: Yes, and I  
8 have. I mean, we can at least get an update.

9 I think the one thing that I -- my  
10 understanding from the PERs was -- and Kathy  
11 can probably -- Kathy Behling can probably  
12 give me a quick update on that.

13 But there were three identified,  
14 and Stu seems in agreement with those. I was  
15 just going to add those in.

16 Kathy, can you tell me the three.  
17 I'm quickly thumbing through emails, but you  
18 can probably have it at the tip of your  
19 fingers better than I do.

20 MS. BEHLING: Yes. The first PER  
21 that I identified was the target organ for  
22 lymphoma. It's PER 9.

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1           As you indicated, I did want to  
2 pass this by Stu Hinnefeld first because we --  
3 I was using the first set of cases.  
4 Obviously, I looked at the first 100 cases --  
5 but I was looking at the first set, and the  
6 lymphoma issue did come up in our very first  
7 set, and that's our report which was issued in  
8 February of, I think, 2005.

9           I hadn't seen any other  
10 information regarding that lymphoma issue, so  
11 that's why I wanted to be sure that, like we  
12 said, Stu could confirm that that was accurate  
13 or not.

14           The only other thing that I  
15 remember from that lymphoma issue was that, I  
16 believe during our issues-resolution session,  
17 we talked about that. I think initially I was  
18 under the impression that NIOSH was not in  
19 agreement with our findings.

20           So that's why I thought that maybe  
21 SC&A did play some role in that lymphoma  
22 issue. But I will say that I'm in agreement

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1 with Stu. We didn't know the background or  
2 the history for that particular case.

3 I'll also mention here that during  
4 our writing of our proposal and procedures for  
5 the PER reviews, the technical contracting  
6 committee had directed us not to even address  
7 the initial sub-task one, which is the support  
8 or the basis for the PERs. So this is just  
9 something that I was responding to his request  
10 for, but I will note that we're not even  
11 addressing that particular issue when we go  
12 and look at the PERs in detail.

13 The second PER that I mentioned  
14 was PER 20, which had to do with changes that  
15 were made to the Blockson Technical Basis  
16 Document. In that PER, Stu does agree that we  
17 were instrumental in the changes that were  
18 made to the Blockson TBD.

19 The third one -- in fact, I'm  
20 looking for this right now. The third one, I  
21 believe, was the Huntington Pilot Plant, which  
22 I'm searching for that PER number. I think

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1 it's PER --

2 MR. HINNEFELD: Kathy, the third  
3 one you listed, I think, was Bethlehem Steel,  
4 I thought.

5 MS. BEHLING: It was Bethlehem  
6 Steel. I'm sorry. Initially, I had looked at  
7 Huntington because I know we had some comments  
8 there too, but those changes had already been  
9 incorporated. Yes, thank you, Stu. I'm  
10 looking through my email here, too.

11 So yes, it was PER 7, which was  
12 the Rev 2 of the Bethlehem Steel site profile.  
13 PER 9, the target organ for lymphoma, and PER  
14 20, the Blockson TBD revision.

15 So those were the three that I  
16 felt we at least were instrumental in having  
17 that PER issued.

18 CHAIRMAN GRIFFON: Right, and  
19 those -- I sent this to give people the  
20 background. I also responded to that email to  
21 Stu and suggested that language, which I don't  
22 have the exact wording, but something to the

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1 effect that these PERs were initiated at least  
2 in part due to findings from the first -- I  
3 don't think we need to split hairs about, was  
4 NIOSH already working on the target organ for  
5 lymphoma stuff or did that happen right after  
6 the -- you know.

7 I think if we say, at least in  
8 part related to, I think NIOSH and Stu seems  
9 comfortable with that kind of language.  
10 That's not in this draft yet, but that kind of  
11 thing, I think, will be included in that last  
12 section along with -- you're right, Wanda --  
13 the CATI.

14 I was thinking of the dose  
15 reconstruction report format modifications,  
16 but also the CATI was modified.

17 MEMBER GIBSON: Mark, this is  
18 Mike.

19 CHAIRMAN GRIFFON: Yes. Go ahead,  
20 Mike.

21 MEMBER GIBSON: Not only just the  
22 CATI modified, just, to me, the real intent to

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1 point number two would be, was appropriate use  
2 and consideration of information given from  
3 input workers gave.

4 CHAIRMAN GRIFFON: Yes. Now  
5 that's a separate issue. In number two, the  
6 CATI being modified we're sort of listing at  
7 the end as a positive result of the first 100  
8 case reviews and these PERs being done.

9 These re-evaluations of cases are  
10 a result of the item number two on the second  
11 page of the draft report.

12 That discusses, I guess, outstanding concerns  
13 about how, and at the bottom of item number  
14 two, I list A, B, and C as sort of proposed  
15 recommendations. I think one of those, as you  
16 noted, Mike, one of those, I'm sort of  
17 relating back to the Worker Outreach Work  
18 Group.

19 This gets into the, how was the  
20 information -- or was it being used by NIOSH  
21 for the dose reconstruction program in its  
22 entirety. That comes up under that second

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1 sort of critical issue; I guess is what I  
2 would call it, number two.

3 MEMBER GIBSON: Yes, I guess I  
4 feel the same way. I'm trying to steer this  
5 conversation a different direction because,  
6 truth be known, it's just a pet peeve of mine.

7 I listened in on a meeting  
8 yesterday or a day or so ago with the Linde  
9 Work Group, and just some information had been  
10 given to OCAS a few weeks in advance, and  
11 nothing has been done with it. It seemed to  
12 be a very frustrating meeting for [identifying  
13 information redacted].

14 CHAIRMAN GRIFFON: Right, and this  
15 is one -- I guess we should look at these -- I  
16 haven't -- again, I haven't looked at your  
17 comments on this section, Wanda, but my  
18 recommendation -- and that's why I felt  
19 probably more comfortable in this upcoming  
20 Board meeting to do a status report rather  
21 than worry about the exact language of these  
22 because some of these should's and shall's and

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1 may-consider's; we might have to work through  
2 some of the language on this.

3 I looked back at the transcripts  
4 from our last discussion, and a couple things  
5 that came out were that NIOSH should consider  
6 the modification of procedures, policies to  
7 emphasize use the information provided by the  
8 claimants and to more specifically address  
9 comments made by the claimant.

10 This came out of the discussion of  
11 -- there's often boilerplate language in the  
12 DR report that says all incidents mentioned by  
13 the claimants would be bounded by the internal  
14 dose assigned or something like that. That  
15 sort of boilerplate language is included, but  
16 often specifics cited by the individual  
17 weren't characterized in the DR report at all,  
18 so it leaves the question of whether they were  
19 even really considered or just sort of  
20 dismissed. So that's just an initial point.

21 The other question was this whole  
22 idea of -- and this might be -- it probably is

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1 being discussed in more detail in the Worker  
2 Outreach, but the question of how the  
3 individuals are being interviewed.

4 This goes probably a little beyond  
5 the CATI report, but also when workers are  
6 being interviewed for information on the site  
7 profile or other instances or follow-up on  
8 their CATI, there doesn't seem to be any sort  
9 of -- I guess the question would be the  
10 consistency of approach. For example, would a  
11 health physics manager be -- you know, the  
12 information obtained from an interview with a  
13 health physics manager -- how is that treated  
14 compared to a maintenance foreman.

15 I would argue that they both have  
16 valuable information. They could be very  
17 different information, but they both could  
18 have valuable information as it pertains to  
19 assessing doses. So the one question was  
20 we're questioning how that information is  
21 being used and is there an approach,  
22 standardized sort of approach by NIOSH, to do

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1 that.

2 Then the last one is the follow up  
3 on contacts listed by the claimant in their  
4 report. There was a section and still is a  
5 section, although we modified wording to sort  
6 of say that it won't necessarily be contact  
7 data, which is good, because I wouldn't expect  
8 that all individuals be contacted that are  
9 mentioned in the CATI reports. It's just not  
10 necessary.

11 I also -- it does seem that there  
12 should be sort of some kind of approach of  
13 when or when you wouldn't or when you would  
14 consider using those contacts or trying to get  
15 a hold of those people.

16 MEMBER MUNN: Mark, I tried to  
17 capture all of that, the language that I just  
18 submitted to you.

19 CHAIRMAN GRIFFON: Okay and I'll  
20 have to look at those. As I was talking,  
21 Wanda, my frustrating government computer just  
22 went off-line so I have to re-login to see

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1 your email again.

2           Anyway, I will. Anybody else who  
3 wants to send -- this is the time to send in  
4 further comments or wording. Today, I guess  
5 the -- what I was going to do is propose to  
6 sort of lay out what we've discussed at the  
7 last meeting mainly and what is sort of the  
8 general items in this report that we're  
9 working on and not get into the exact way  
10 we're going to word it or anything.

11           But if there's anything that you  
12 believe we missed or that should or should not  
13 be in here, maybe that -- I'd love to hear  
14 that today if people have thoughts on that.  
15 If you want to provide them in writing, that's  
16 fine, too. Like I said, I don't want to  
17 submit this to the Board at this point.

18           MEMBER MUNN: Just let me clarify  
19 something again. One thing I'd like to have  
20 clarified, I'm not sure I understood you  
21 correctly, Mark.

22           With respect to the PER reviews,

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1 we are going to await information on the  
2 results from SC&A before we complete what you  
3 just simply indicated in the last sentence of  
4 your draft. That will be one of the  
5 additional items that will be covered;  
6 correct?

7 CHAIRMAN GRIFFON: I think for the  
8 PER reviews, we have those three items that --  
9 unless members of the Subcommittee object or  
10 have done their homework and think other items  
11 are related. I'm taking it from Kathy  
12 Behling, who researched this and found that  
13 PER 9, 20, and 7 were the three --

14 MEMBER MUNN: Yes, I got that  
15 part.

16 CHAIRMAN GRIFFON: Right, were the  
17 three, and then Stu, I don't think is  
18 objecting to those, with the understanding --  
19 and I'll include that kind of language in the  
20 final draft -- but with the understanding that  
21 we indicate that these results that are at  
22 least in part from the review of the first 100

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1 cases.

2 So I think that -- I don't know  
3 that we're asking SC&A to do any further  
4 research on that item. It's mainly on the  
5 Quality Control section 1 is where we're  
6 asking for further work.

7 MEMBER MUNN: Okay.

8 CHAIRMAN GRIFFON: Go ahead, I'm  
9 sorry.

10 MEMBER MUNN: No, that's Alright.

11 CHAIRMAN GRIFFON: The last thing  
12 and maybe as long as Doug is on the phone --  
13 Doug, you put quite a bit of effort into  
14 looking for these Quality Control findings.  
15 Maybe you can describe a little more than what  
16 I just went through in the process and where  
17 we stand right now.

18 You didn't circulate those to  
19 everyone, did you, or did you? I didn't  
20 notice on the email.

21 MEMBER MUNN: I didn't see them.

22 CHAIRMAN GRIFFON: No. So Doug

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1 can go over those, and then we'll get those  
2 around for discussion with the Subcommittee.  
3 But at least Doug can discuss the process that  
4 he went through.

5 MR. FARVER: Okay. Basically, we  
6 were tasked to look at the first eight cases  
7 or eight sets of cases and the findings  
8 involved. There are probably a little over  
9 700 findings for the first eight sets of  
10 cases.

11 What I did is I -- we pulled out  
12 the ones that we thought were quality-related,  
13 which is subjective. There were probably 208  
14 of those findings. Then I sorted those  
15 findings according to our Table 2 that we put  
16 in our audit reports, in that element of  
17 technical review. It has to do with photon  
18 doses or neutron doses.

19 So I sorted that and got a  
20 distribution to see how the findings that we  
21 describe as quality findings relate to these  
22 technical elements. I came up with a

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1 distribution, looked at those 208 findings and  
2 tried to pull out ones that I thought were,  
3 I'll call them obvious. Things like where the  
4 dose was missing for a year, a certain year.  
5 It was omitted for some reason. Because I  
6 thought those would probably be the easiest  
7 ones to track down.

8 Out of those 208 findings, I  
9 pulled out 30 findings. I looked at those for  
10 ones that were kind of split along the  
11 distribution of the technical elements, and I  
12 came out with 10 cases. Some of those cases  
13 had more than one finding, quality-related  
14 finding. It worked out for about 23 findings  
15 out of those 10 cases.

16 So that was kind of the process.  
17 Then Mark had some questions about what sites  
18 and if it was an overestimate or underestimate  
19 and so forth. I do have that information, so  
20 I'll go back and I'll modify that table and  
21 get it back to you, Mark. That's kind of the  
22 process.

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1                   CHAIRMAN GRIFFON:       Okay, maybe  
2                   when you modify it, you can send -- you had  
3                   two spreadsheets.

4                   MR. FARVER:    I did.

5                   CHAIRMAN GRIFFON:    One with all  
6                   208, and the next one had the ten final  
7                   selected cases.  If you can add in, like the  
8                   site or the case -- only for the selected  
9                   ones.  I'm not asking for all of them, but for  
10                  the selected ones, add in the site and whether  
11                  it was an over, under or best estimate.  Then  
12                  circulate it to everyone, I think, would be a  
13                  good process.

14                  MR. FARVER:    Yes.  One question  
15                  that I'll ask you is in one case -- I think it  
16                  was Tab 155.  We had talked -- I suggested we  
17                  might want to add that as an 11th case because  
18                  it has some -- it has a finding about a  
19                  neutron dose, which was kind of wacky from our  
20                  other findings.

21                  If you'd like, I'd add that 11th  
22                  case, or we can just keep it at ten cases.

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1                   CHAIRMAN GRIFFON: Well, maybe put  
2     it in your table and then we can discuss it  
3     with the full Subcommittee once everybody sees  
4     all these. I think that would be -- so add it  
5     for now, and then we can pull it down if we  
6     decide to.

7                   MR. FARVER: I'll do so.

8                   MEMBER MUNN: Gentlemen, I have  
9     another question here. Doug indicated that he  
10    was looking at 208 findings from the first  
11    eight sets.

12                   My concern is that the document we  
13    have before us is specifically a follow-up on  
14    the first 100 cases, which clearly, once we  
15    get past, what, the first three -- certainly  
16    past the fourth set -- we're well out of the  
17    first-100-case range.

18                   I guess my question is whether  
19    what we're doing with these identified cases  
20    is really topical or -- should be topical for  
21    this specific report that we're working on or  
22    whether we should change the categorization of

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1 this report.

2 Did that question make sense?

3 CHAIRMAN GRIFFON: Yes. Well, I  
4 guess it doesn't strictly fall under the  
5 title. We had this discussion at the last  
6 meeting.

7 Actually, it was, I believe -- I  
8 don't want to put words in Stu's mouth, but I  
9 think part of the reasoning was it came from  
10 NIOSH to say that, well, if we don't have many  
11 best-estimate cases in that early, the first  
12 five sets of cases, which were the 100 cases.

13 MEMBER MUNN: Right.

14 CHAIRMAN GRIFFON: But if we're  
15 going to get useful recommendations for NIOSH,  
16 Stu said maybe we should expand up to where  
17 we're currently -- I think Stu said this.

18 But anyway, we had it in our  
19 discussions that maybe we should look further  
20 up to the ones that we're currently reviewing  
21 because I guess one thing we want to tease out  
22 of this Quality Control process is do we need

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1 or does NIOSH need to have sort of a different  
2 criteria for best-estimate cases versus over-  
3 and underestimate cases.

4 It seems like the threshold might  
5 be set a little higher when your best  
6 estimates -- because by definition, you're  
7 close to the 50th percentile or closer to the  
8 50th percentile so you want to, as Jim Neton  
9 often says, sharpen the pencil. So therefore,  
10 would we, by definition -- so that's sort of  
11 how it evolved, Wanda, into --

12 MEMBER MUNN: Yes. I understand  
13 that. But of course, that's what is covered  
14 in your comment after the first little table  
15 there, where it should be noted there were no  
16 best estimates cases in the first three sets.

17 CHAIRMAN GRIFFON: Right.

18 MEMBER MUNN: It would appear to  
19 me that it would be a simple enough thing to  
20 complete that thought and say that we  
21 anticipate additional specific information to  
22 evolve from current activities reviewing the

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1 QA/QC activities in later cases reviewed  
2 because either we're reporting on the first  
3 100 cases the way we did before or we're not.

4 CHAIRMAN GRIFFON: Yes. That's a  
5 good point.

6 MEMBER MUNN: It doesn't make much  
7 difference, but if we're going to call this a  
8 Second Status Report on the First 100 Cases,  
9 then we need to report on the first 100 cases.

10 CHAIRMAN GRIFFON: Yes, that's a  
11 good point. That's a good point.

12 MEMBER MUNN: There's no shame in  
13 postponing further findings with respect to  
14 QA/QC to our next report.

15 CHAIRMAN GRIFFON: Right, right.  
16 That may call for -- that may add to your  
17 reasoning of submitting this report and then  
18 having another report to follow up on those  
19 because we -- yes, we can make a note of that,  
20 that we would have to hold off on specific  
21 recommendations for Quality Control because we  
22 wanted an opportunity to review cases that are

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1 still under review.

2 MEMBER MUNN: Yes, that would seem  
3 the logical thing to do to me, since our first  
4 report was specifically on the first 100  
5 cases.

6 CHAIRMAN GRIFFON: Yes, that is  
7 right. I was looking at our transcripts and  
8 that's how I came up with these first eight  
9 cases which we all kind of decided that that  
10 would make sense to do. But in terms of the  
11 report, you might be correct.

12 MEMBER MUNN: Yes. I'm not  
13 speaking against doing it.

14 CHAIRMAN GRIFFON: Yes.

15 MEMBER MUNN: I think our action  
16 there was appropriate.

17 MEMBER CLAWSON: Mark, this is  
18 Brad. I agree because I'm looking through this  
19 whole thing and it calls out the first 100  
20 cases in a spot there. It's kind of a little  
21 bit misleading, I think.

22 CHAIRMAN GRIFFON: Yes, no, that's

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1 fine. We can -- that might make sense then.  
2 I was trying to make -- I was trying to just  
3 end up with one report, but we might have to  
4 submit this and then, within the body of this  
5 report, offer that we would do a follow-up on  
6 the -- recommend to do a follow-up on the  
7 Quality Control that would go beyond the first  
8 100 cases and therefore, we will report back  
9 to the Board on the findings of that  
10 investigation in a separate report.

11 MEMBER CLAWSON: This is Brad  
12 again. I think in that statement, if you did  
13 that, just kind of putting a little bit of an  
14 explanation about the overestimates and  
15 underestimates and why we're doing it, I think  
16 it would make it a little bit clearer and  
17 easier to follow.

18 CHAIRMAN GRIFFON: Yes, okay. I  
19 think you're right. That's fine. We can do  
20 that, yes.

21 MEMBER GIBSON: Mark, this is  
22 Mike. Didn't we have this conversation in one

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1 of our Subcommittee meetings that we didn't  
2 want the report to look too critical of OCAS  
3 on the first 100 because things have been  
4 changed since then? I think we were trying to  
5 incorporate all that into this letter to the  
6 Secretary, or am I wrong?

7 MEMBER MUNN: I think your memory  
8 is correct in that regard, Mike. That's one  
9 of the things that I had in mind at the time  
10 that I was reviewing this and making my  
11 comments.

12 CHAIRMAN GRIFFON: I mean, my  
13 feeling is that it should be fair. I don't  
14 care if it's critical or not. I think it  
15 should reflect what's happened. I think there  
16 is a fair amount of positive changes that have  
17 resulted, so we certainly need to have those  
18 in the letter. I think you're right, Mike and  
19 Wanda.

20 I think this is where we can -- we  
21 can certainly work on this letter. Is it the  
22 consensus, then, that we should -- I'll add

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1 language to that first section to indicate  
2 that we propose a further review of Quality  
3 Control but we recommend that it needs to go  
4 beyond the first 100 cases and here's why --  
5 because we want to look at best-estimate as  
6 well as under- and overestimate-type cases.  
7 That will be reported on in a separate report  
8 if the Board wishes, you know, if the Board so  
9 directs. Then we can leave -- we can sort of  
10 defer that part of the follow-up to a separate  
11 report, a follow-up report.

12 MEMBER MUNN: You can probably do  
13 that in a single sentence.

14 CHAIRMAN GRIFFON: Yes.

15 MEMBER MUNN: The question is, I  
16 think, whether it's a follow-up report or  
17 whether it is a report on subsequent sets of  
18 cases. Certainly, we're not going to always  
19 limit our reports to the first 100 cases. We  
20 surely are going to go beyond that in future  
21 reports.

22 So it would follow that reports on

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1 later findings would be expected to have a  
2 different set of recommendations.

3 CHAIRMAN GRIFFON: Right, right.  
4 Okay, I was just thinking if we -- okay, I  
5 think we can do that. I was thinking if we  
6 deferred that section completely, we might be  
7 able to wrap this report up because most other  
8 items we can, at least at some level, close  
9 them out.

10 MEMBER CLAWSON: Mark, this is  
11 Brad. My personal opinion is that I would  
12 just put a statement in there that we're doing  
13 more than the first 100.

14 With this Quality, we've got to  
15 get a better basis for this. I'd just as soon  
16 leave this out right now. I'd get this letter  
17 to the Board and head out, you know, look at  
18 all of them.

19 CHAIRMAN GRIFFON: Yes, well, I  
20 don't know that we have to -- I think that's  
21 something to think about. I'm not sure we  
22 have to come to a conclusion today. We can

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1 present it and maybe -- I mean, one thing I  
2 want to ask the Board is that, you know,  
3 you've tasked us with this and we're  
4 recommending that SC&A do this follow-up.

5           How we split the follow up --  
6 whether we ask them to look at the first 100  
7 cases for Quality Control and then go beyond  
8 for subsequent reports or whether we defer the  
9 whole item, we can -- I guess the first  
10 question is, is the Board still comfortable  
11 with going, you know.

12           I think we need to go back to the  
13 Board and make sure we're going in the right  
14 direction and ask if this is okay and we'll  
15 extend this out if that's appropriate, if the  
16 Board feels it's appropriate and then go from  
17 there.

18           But how to break it up, I'm not  
19 sure we have to -- I can see the merits of  
20 both, actually, so that's why I'm sort of  
21 hedging on this. I can see the utility of  
22 waiting and doing it all as one follow-up

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1 investigation as well as having it split into  
2 the first 100 cases.

3 Do other people have thoughts on  
4 that?

5 MEMBER MUNN: It would seem to me  
6 that the next report that we file should  
7 probably incorporate, probably, the first 200  
8 cases. At that time, anything that we had to  
9 say about the first 100 could be folded in  
10 very nicely.

11 CHAIRMAN GRIFFON: Yes, that's  
12 true. I was also thinking about the impact on  
13 this kind of -- the drill-down that we're  
14 proposing is to sort of go back to the dose  
15 reconstructors and investigate sort of why  
16 some of these Quality Control findings  
17 happened or what happened.

18 Stu, do you have a sense of which  
19 sort of format would impact or from a time  
20 standpoint, from a cost standpoint, would  
21 impact the ORAU staff, the OCAS staff?

22 MR. HINNEFELD: Between which two

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1 formats?

2 CHAIRMAN GRIFFON: Yes.

3 MR. HINNEFELD: I mean, which are  
4 we talking about?

5 CHAIRMAN GRIFFON: If we did the  
6 first -- if we just took the first five sets  
7 and looked at Quality Control cases for those  
8 and drilled down. See, I wasn't thinking of  
9 this as a -- I was thinking of this as a one-  
10 time exercise. That's why I was saying the  
11 first eight sets and then we can go back, as  
12 opposed to doing the first five sets and then,  
13 as Wanda said, if we do the next report on the  
14 first 200 cases, we'd want to go back and look  
15 again.

16 MR. HINNEFELD: I think that, from  
17 our standpoint, if we go with the cases that  
18 Doug selected from which I think Ted shared  
19 with me. I think Ted got them and shared them  
20 with me, but I just opened them this morning.

21 If we go with the ones that Doug  
22 selected and then maybe add a few more to go

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1 on out through Case 200 at some point later,  
2 what we would propose to do is we'll start on  
3 our tasks associated with all of them, and  
4 then we can, in summary, later on -- we can  
5 provide a product about what we conclude about  
6 the Cases 1 through 100 and what kind of  
7 causes we can find there, and then we could  
8 make that sort of a section of the report or  
9 an interim report, that we would probably just  
10 do all of the analysis so we would have the  
11 analysis in these claims also.

12 If you are thinking about maybe  
13 adding -- I think there are, by my count,  
14 there are five cases and 11 findings on what  
15 Doug selected from the first 100 cases. So if  
16 you decide that's not enough and we want to do  
17 more for the first 100, well, clearly that's  
18 going to have more impact and have more costs  
19 on it so then we would have to do more for the  
20 first 100 than we would if we had stuck with  
21 this list.

22 It's really, from my standpoint, I

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1 would like to sort of embark on our work on  
2 the cases that we know are going to be  
3 selected and pretty much right when they're  
4 selected -- if they're selected beyond the  
5 number that you're going to report on this,  
6 we'll focus our efforts on that.

7           But I suspect this work is going  
8 to be sort of broken up in a way that will  
9 just be convenient for us to just go through  
10 all the cases selected at a particular time  
11 and do those.

12           If it's done later on, maybe if  
13 it's a recurring event, I wouldn't necessarily  
14 be terribly to that either -- you know, with  
15 selection now and then selection later. I  
16 wouldn't necessarily be opposed to that  
17 either.

18           But I think that we may want to  
19 have some discussions with Doug and whoever  
20 else from SC&A about certain of these cases  
21 that are considered QCs, but before I do that,  
22 I really need to look at both the history and

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1 the findings and all of the -- or some of the  
2 findings before I get into that.

3 CHAIRMAN GRIFFON: We can do that  
4 at the next meeting, yes.

5 MR. HINNEFELD: Yes. Some of  
6 these, I'm not so sure I would categorize as a  
7 QC failure.

8 CHAIRMAN GRIFFON: Okay, okay. So  
9 it doesn't seem that it would impact you, as  
10 long as we assign -- the selection would be  
11 the key. It doesn't seem that we -- we could  
12 report it out as the first five sets and break  
13 out our reporting mechanism and it wouldn't  
14 impact you from a work standpoint.

15 MR. HINNEFELD: I don't think that  
16 would impact it.

17 CHAIRMAN GRIFFON: Okay, that's  
18 fine. We can probably do it that way, then,  
19 Wanda and Brad. I think you're both  
20 recommending that. We can format it that way.

21 Okay, so are there other items --  
22 I mean, Wanda sent comments and I think

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1 they're mostly editorial, though -- Wanda,  
2 right? -- and I'll certainly have those for  
3 when we do finalize the report.

4 But are there other items that you  
5 think need to be added to this report that we  
6 missed overall? That's the main thrust I want  
7 to get across at the next Board meeting and  
8 the verbal report back is the general field  
9 that we are  
10 including in this report and the sort of  
11 preliminary recommendation.

12 MEMBER MUNN: I personally think  
13 your scope is pretty accurate.

14 CHAIRMAN GRIFFON: Okay. That's  
15 good, and we'll work on the actual wording. I  
16 think that does make more sense to keep -- for  
17 people that are following this, it does make  
18 sense to word it as the follow-up report on  
19 the first 100 cases -- that we keep that  
20 section one to the first five sets, then.

21 We'll work with SC&A and NIOSH at  
22 the next meeting on those tables that Doug

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1 created and the selection and go into more  
2 detail at the next meeting, next Subcommittee  
3 meeting on that. I believe that will be fine.

4 Anything else on this? This is  
5 the only item on the agenda.

6 MEMBER POSTON: Mark, if you have  
7 a copy, I've got two quick comments that Wanda  
8 missed.

9 MEMBER MUNN: Impossible,  
10 impossible.

11 MEMBER POSTON: It's possible. On  
12 the first page, it should be scientific, not  
13 scientifically.

14 CHAIRMAN GRIFFON: Where is that?  
15 What line is that? Factors in assuring the  
16 scientific. Yes.

17 MEMBER POSTON: Yes.

18 CHAIRMAN GRIFFON: Yes,  
19 scientifically validity. That's good.

20 MEMBER POSTON: And then in your  
21 table, we were talking about the best  
22 estimates.

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1 CHAIRMAN GRIFFON: Yes.

2 MEMBER POSTON: So when I went to  
3 school nine plus nine was 18, not 17.

4 CHAIRMAN GRIFFON: Good point.  
5 That's SC&A's table, I should make a note on  
6 that, John. That wasn't my math there, was  
7 it, Kathy? No, I'm just teasing.

8 MS. BEHLING: No. I noticed that  
9 also. No, 17 is correct. The fifth set  
10 should have eight best-estimate QAs.

11 CHAIRMAN GRIFFON: Okay, so 17.  
12 The math was right but the number was --  
13 Alright. We'll take that.

14 MR. HINNEFELD: I might note that  
15 Brant has noted that that is a QC problem.

16 MEMBER POSTON: That's all I had.  
17 I looked at Wanda's comments. I think she got  
18 them all.

19 CHAIRMAN GRIFFON: We'll make a  
20 note of that as a QC follow-up, too.

21 That's really it. I just wanted  
22 to have this just so we don't lose track of

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1 where we're at on this report, too. That was  
2 the main reason for this phone call. I'll do  
3 a verbal report on our status, kind of, and I  
4 guess that's it.

5 MR. KATZ: Mark?

6 CHAIRMAN GRIFFON: Yes?

7 MR. KATZ: Hi. It's Ted. But why  
8 don't we try to book the next DRR Subcommittee  
9 meeting while we're all on the phone.

10 CHAIRMAN GRIFFON: Okay, I knew  
11 you were going to do that, Ted. People have  
12 their calendars.

13 MR. HINNEFELD: Mark, before we do  
14 that, there's one thing not related to this,  
15 but I did this morning. We had one action on  
16 the sixth set finding, 107.4, from the last  
17 Subcommittee meeting, which I sent to the  
18 Subcommittee members just this morning.

19 CHAIRMAN GRIFFON: I saw. I  
20 didn't even open your email yet, but I did see  
21 the email.

22 MR. HINNEFELD: I think that

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1 closes finally, for sure, the sixth set, I  
2 think.

3 CHAIRMAN GRIFFON: Okay. I  
4 haven't had a chance to look at it. I don't  
5 know if you're proposing that we discuss it  
6 now?

7 MR. HINNEFELD: No, no. I just  
8 want to make sure everybody knows that they  
9 got it. I don't think that it's going to  
10 warrant a lot of discussion, to be completely  
11 honest with you.

12 CHAIRMAN GRIFFON: Okay.

13 MEMBER POSTON: Stu, I've got my  
14 email open. I haven't received anything from  
15 you today.

16 MR. HINNEFELD: You did not get it  
17 in your CDC account.

18 MEMBER POSTON: I don't ever go to  
19 --

20 MR. HINNEFELD: If Ted tells me  
21 to, I'll re-send it. He always tells me we  
22 should send things to the CDC account.

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1                   MR. KATZ:    You're doing well, Stu.  
2                   That's fine.

3                   MEMBER POSTON:  It doesn't clutter  
4                   up my box that way.  That's fine.

5                   CHAIRMAN GRIFFON:     Okay,  yes,  
6                   that's great,  Stu.  I'm glad you did that,  
7                   though,  because we do want to close the sixth  
8                   set.  That would be nice.  Hopefully,  that  
9                   will be first item on the next meeting that  
10                  we'll look at that and close out the sixth  
11                  set.

12                  Anything else?  Any other business  
13                  for today other than the calendar?

14                  Alright,  I guess we can turn to  
15                  the calendar.  Ted,  you have a better sense of  
16                  the overall schedule.

17                  MR. KATZ:     I wouldn't suggest  
18                  trying to meet before the Board meeting  
19                  because that's cutting it close and there's a  
20                  lot of other stuff going on.

21                  CHAIRMAN GRIFFON:  No.

22                  MR. KATZ:     But we're already --

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1 we're pretty clear at this time. We don't  
2 have any other work group meetings scheduled  
3 following the Board meeting. My schedule is  
4 pretty open. Beginning, in other words, the  
5 week of Presidents Day, which is the week of  
6 the 15th of February, those few weeks after  
7 the Board meeting, to me, are wide open. It's  
8 just up to the rest of you.

9 CHAIRMAN GRIFFON: I think a lot  
10 of it is up to Stu as far as the seventh and  
11 eighth set. I don't want to schedule  
12 something too soon after the Board meeting. I  
13 assume that you have quite a lot of work  
14 leading up to the Board meeting in the next  
15 couple weeks.

16 MR. HINNEFELD: Yes, we have a lot  
17 leading to the Board meeting. It would be  
18 hard for us to show much additional progress  
19 by any date in February. The week of February  
20 20, I'm on vacation. February 22, I'm on  
21 vacation.

22 MR. KATZ: Okay.

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1                   MR. HINNEFELD: I would rather go  
2                   at least mid-March and maybe even later in  
3                   March and then we can try to direct ORAU to  
4                   get some resources on this. Like this time,  
5                   we can then notify everybody if there's too  
6                   much else going on.

7                   I think they're all aware that  
8                   we're trying to make sure that we finish all  
9                   the claims that are a year old by June 1.  
10                  That takes a lot of effort because a lot of  
11                  sites need to be researched in addition to  
12                  doing the claims that we already know how to  
13                  do. That's taking a lot of effort, and  
14                  there's not a lot of manpower to spare, but we  
15                  might be able to have something by mid- to  
16                  late March that we might be able to talk  
17                  about.

18                  CHAIRMAN GRIFFON: How about March  
19                  23rd or March 25th? That's two possibilities.

20                  MEMBER POSTON: Twenty what?

21                  CHAIRMAN GRIFFON: March 23rd or  
22                  March 25th.

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1                   MEMBER POSTON: I can do it on the  
2                   25th in the afternoon.

3                   CHAIRMAN GRIFFON: 25th. Well, it  
4                   would probably be an all-day in Cincinnati,  
5                   John.

6                   MEMBER POSTON: Okay. I have  
7                   class on that day, and on the 23rd, I'm in  
8                   Washington.

9                   CHAIRMAN GRIFFON: How about the -  
10                  - you have classes every Thursday?

11                  MEMBER POSTON: Yes, Thursday.

12                  CHAIRMAN GRIFFON: Alright.

13                  MR. KATZ: What about the 22nd,  
14                  that Monday? It doesn't work?

15                  MEMBER POSTON: I haven't made my  
16                  travel arrangements, but I'm going to  
17                  Washington that afternoon.

18                  MEMBER MUNN: It's easier to get  
19                  there from Cincinnati.

20                  MR. KATZ: I was just thinking  
21                  that maybe John could travel out to Cincinnati  
22                  for Monday and then travel Monday night out to

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1 Washington.

2 MEMBER POSTON: I'll look into  
3 that.

4 MR. KATZ: I don't know if that  
5 works for the rest of the Work Group and Stu  
6 and everyone else.

7 MEMBER MUNN: Is there any problem  
8 with the 24th? Why did you leave that one  
9 out, Mark?

10 CHAIRMAN GRIFFON: Because that's  
11 a conflict for me.

12 MEMBER MUNN: Okay. That's a good  
13 reason to leave it out.

14 CHAIRMAN GRIFFON: I mean, the  
15 26th is okay with me, too, but I don't know  
16 about -- some people travel farther than I do,  
17 so I was trying to avoid the Friday.

18 MEMBER MUNN: Any time that week,  
19 currently, is open for me.

20 MEMBER GIBSON: That week seems to  
21 work for me.

22 CHAIRMAN GRIFFON: Why don't we

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1 say the 22nd, then? Why don't we book the  
2 22nd for now and if something drastic comes  
3 up, we still have a little time to move it.

4 MEMBER MUNN: Okay.

5 MR. KATZ: Okay, I'll do it, then,  
6 March 22nd. You want a 9:30 a.m. start time?

7 CHAIRMAN GRIFFON: Yes, that would  
8 be great. In Cincy.

9 MR. KATZ: In Cincy. Will do.

10 CHAIRMAN GRIFFON: Alright.

11 MEMBER POSTON: We're going to do  
12 this in Cincinnati?

13 MR. KATZ: Yes.

14 MEMBER POSTON: Okay.

15 MR. KATZ: John, if that's really  
16 a problem, you can also call in.

17 CHAIRMAN GRIFFON: You can call  
18 in, yes.

19 MEMBER POSTON: I think I can make  
20 that, the 22nd. I'll just come up on Sunday.

21 MR. KATZ: Right, that's what I'll  
22 be doing, too.

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1                   MEMBER POSTON:           I'm not a  
2 government employee. I don't mind traveling.

3                   MR. KATZ:           I am a government  
4 employee, and I travel a lot on Sundays.

5                   MR. HINNEFELD:       Ted and I have  
6 been known to travel on Sundays.

7                   MEMBER POSTON:       I think I touched  
8 a nerve.

9                   MEMBER MUNN:       Indeed. Indeed.

10                  MR. KATZ:       Are we adjourned, Mark?

11                  CHAIRMAN GRIFFON:     I think we're  
12 adjourned, yes. Thank you all for calling in.

13                  (Whereupon,     the     above-entitled  
14 matter concluded at 10:42 a.m.)

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