

CENTERS FOR DISEASE CONTROL AND PREVENTION  
NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH  
ADVISORY BOARD ON RADIATION AND WORKER HEALTH  
MEETING 152

WEDNESDAY, JUNE 14, 2023

The meeting convened at 11:00 a.m. EDT  
via video teleconference,  
Dr. Henry Anderson, Chair, presiding.

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Members Present:

Henry A. Anderson, Chair  
Beach, Josie, Member  
Cassano, Victoria, Member  
Clawson, Brad Member  
Frank, Arthur, Member  
Kotelchuck, David, Member  
Lockey, James, Member  
Martinez, Nicole, Member  
Pompa, David, Member  
Roessler, Genevieve, Member  
Valerio, Loretta, Member  
Ziemer, Paul, Member

Registered and/or Public Comment Participants:

Roberts, Rashaun, DFO  
Barton, Bob, SC&A  
Buchanan, Ron, SC&A  
Calhoun, Grady, DCAS  
Gogliotti, Rose, SC&A  
Habighurst, Ashton, HHS  
Mangel, Amy, SC&A  
Ostrow, Steve, SC&A

Registered Public:

Denise Degarmo

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## PROCEEDINGS

(11:00 a.m)

**WELCOME AND ROLL CALL**

DR. ROBERTS: Good morning, everyone. I'm Rashaun Roberts. I'm the designated federal official for the Advisory Board on Radiation and Worker Health and thank you for coming to the teleconference. Let me just get through a couple of things before we get to the roll call. The meeting agenda is posted on the NIOSH website for this program under schedule of meetings for this month, and you can go the website to access that agenda.

As you know, this is -- this meeting is being conducted by telephone only. In order to keep it moving forward without interruption, I ask that each of you, please, mute your phones unless, of course, you're speaking. If you don't have a mute button, press star six to mute. If you need to take yourself off mute, press star six again. Also, because we're unable to see each other for this meeting, please, identify yourself before your comments or questions. So with that, I'd like to formally open the meeting.

The primary purpose of this meeting is to prepare for the Board meeting in August, although there are other items, primarily updates, on today's agenda. So, because this is mainly an administrative meeting, we don't need to cover conflicts of interest in the roll call. So, with that, let me start roll call now, and I'm going to start with the Board Members in alphabetical order. So, we would start with Anderson.

CHAIR ANDERSON: Present.

DR. ROBERTS: Beach?

MEMBER BEACH: I'm here.

DR. ROBERTS: Cassano?

MEMBER CASSANO: Present.

DR. ROBERTS: Clawson?

MEMBER CLAWSON: Here.

DR. ROBERTS: Frank?

MEMBER FRANK: Present.

MEMBER KOTELCHUCK: Here.

DR. ROBERTS: Lockey?

MEMBER LOCKEY: Here.

DR. ROBERTS: Martinez?

MEMBER MARTINEZ: I'm here, but just a quick note that I'll have to drop off early today for a student qualifying exam.

DR. ROBERTS: Okay. Pompa?

MEMBER POMPA: Yes, ma'am, present.

DR. ROBERTS: Roessler?

MEMBER ROESSLER: Here.

DR. ROBERTS: Valerio?

MEMBER VALERIO: Here.

DR. ROBERTS: And Ziemer?

MEMBER ZIEMER: Here.

DR. ROBERTS: All right. It looks like we have full attendance, so let's move on to NIOSH/DCAS. Anyone like to register their attendance?

MR. CALHOUN: This is Grady Calhoun, I'm here.

MR. RUTHERFORD: This is LaVon Rutherford.

MR. NELSON: This is Chuck Nelson.

DR. ROBERTS: Anyone else with NIOSH, DCAS, or ORAU? Okay.

Let's move on to SC&A.

MR. BARTON: Bob Barton, SC&A.

DR. BUCHANAN: Ron Buchanan, SC&A.

MR. FITZGERALD: Joe Fitzgerald, SC&A.

MS. GOGLIOTTI: Rose Gogliotti, SC&A.

MS. MANGEL: Amy Mangel, SC&A.

MR. OSTROW: Steve Ostrow.

DR. ROBERTS: Anyone else with SC&A? Let's move on to HHS and contractors.

MS. HABIGHURST: Ashton Habighurst, HHS.

DR. ROBERTS: Any other persons from HHS or contractors? Okay. How about Department of Labor, Department of Energy, other departments? Hearing none, let me ask if there are members of the public who are on and who would also like to register their attendance. Okay, well, hearing none, let's go ahead and move on with the agenda. Before we do that, again, please periodically check your phone to make sure you're on mute. If you don't have a mute button, press star six. If you need to take yourself off, press star six again.

And with that, without any further delay, I will turn the floor over to Dr. Henry Anderson, who is our Board's chair, to lead us through the agenda.

CHAIR ANDERSON: Thanks, Rashaun. I want to welcome everybody to Meeting 152 of the Advisory Board on Radiation and Worker Health. It

should be a relatively short meeting. We're going to be focusing on the Board meeting that will be coming up face to face in August and some updates on other activities as well.

So, let's begin with the cyber security modernization initiative. Grady?

### **CYBERSECURITY MODERNIZATION INITIATIVE**

MR. CALHOUN: Yeah, thank you, Dr. Anderson. Basically, what we started going is we're focusing on the site research database function first. And although we did have some functionality, that is about to improve at least a little bit. We have managed to arrange that the documents are synched -- synchronized nightly so that we have the current documents. And we've got a somewhat improved method to search for the documents, and Angela Shepherd is going to contact Rose -- that seems to work the best -- Rose Gogliotti to try to show her where these documents are located and how to go about the new searches. So, although it's not nearly as fast and efficient as it used to be, I think it's an improvement over what we have at this moment. So, that's happening -- she should probably be contacting you in the next week. So, that's really all that I have on that.

We're continuing to look through ways of re-establishing what used to be called NOCTS, which is our claim tracking system. N.O.C.T.S., for the court reporter. And we are also looking at ways to try to restore the Board review system, which we had used to capture comments that we have between Advisory Board, SC&A, and ourselves on documents and other things. So, that's where are. It always moves a little slower than I'd like it to, but that's where we are right now. That's all I...

CHAIR ANDERSON: Okay. So, a little bit sure of progress. Next will be an update on special cohort status. Chuck? So, --

MR. NELSON: Thank you, Doctor. It's --

CHAIR ANDERSON: -- (indiscernible) --

MEMBER BEACH: Can I ask Grady a quick question.

MR. CALHOUN: Of course.

CHAIR ANDERSON: Go ahead.

MEMBER BEACH: Sorry. Grady, you did mention the BRS, which was my big question. Do you have any idea what the time frame looks like on that? I know you're trying to get access, but I'm just curious --

MR. CALHOUN: Yeah, --

MEMBER BEACH: -- on --

MR. CALHOUN: No, no, just honestly, I don't think it'll be a while -- for a while. So, this is one of those items that we had a meeting, I think it was, last week, with the ODIT and Dr. Howard, and we -- we called this up into one of the higher priority lines items we need to get evaluated. The thing of it is, is we just don't know if we can take the old one, stand it up somewhere and make it accessible, or if we have to rewrite everything (indiscernible). And so, basically the process is -- and take this from a non-IT person, which is me -- is that they -- they will do a variety of scans to make sure that they meet all the security requirements, and those scans will help identify whether repairs or remediation can be done too utilize existing systems with some modification, or if we have to start from -- from zero.

So, right now our top priority is FRTB, and then I think the BRS is going to probably be -- worked next, just because NOCTS is -- is a monster.

It's just so big. And so, that's where we are. I'll continue to give -- give updates, and if we have any breakthroughs, I can give those without there being a meeting, you know.

MEMBER BEACH: Okay. All right. Thank you.

MR. NELSON: Okay. This is Chuck --

CHAIR ANDERSON: Any other questions?

MR. NELSON: -- Nelson. I was going to --

CHAIR ANDERSON: Go ahead, Chuck.

### **SPECIAL EXPOSURE COHORT UPDATE**

MR. NELSON: Sorry about that. Can everybody hear me okay then? Okay. I will assume --

CHAIR ANDERSON: I can --

MR. NELSON: -- everyone can. Hello, everyone. Thank you. For the August 2023 Advisory Board meeting, we will not be presenting any new SEC petitions. We haven't gotten any recently. There is an upcoming data capture trip at Idaho National LAB. It's the week of June 26 to 30th. I know a couple work group members will be in attendance, along with NIOSH and ORAU.

And I know there's a work group meeting for Metals and Controls. I believe it is July 13, 2023, and I'm sure that will be discussed with the updates for the work group chairs. So, other than that, any -- I'm expecting the work group chairs will provide updates as needed on the current SEC petitions that are with the Advisory Board. So, that's really all I have. Are there any questions? Okay. Hearing none, --

CHAIR ANDERSON: Yeah, --

MR. NELSON: -- thank you.

CHAIR ANDERSON: -- thanks, Chuck.

### **WORK GROUP AND SUBCOMMITTEE UPDATES**

CHAIR ANDERSON: So, now the next is updates for work groups and subcommittees. There's a couple of -- of work group subcommittee meetings coming up, procedures, I think, on June 21, which is pretty close. And I saw others. Committee chairs want to give updates?

MEMBER BEACH: So, Henry, this is Josie. You're correct, I was just gonna give the meeting date. So, the procedures subcommittee will be June 21st, and then M&C, we're working on the agenda now. That's up July 13th, so those are both correct. And that's all I have.

CHAIR ANDERSON: As far as such that -- I mean, just to give you some thoughts that I had and some discussions that have occurred -- as this is for the -- for the new members. We'll get an update from Dave on the case reviews, but I understand that none of the new members were able to make any of those calls.

The case reviews, there's an opportunity there, I think it's a really a -- a good introduction to how things are done and now NIOSH does their activities and those reviews done by SC&A are -- are quite detailed. And I just wanted to raise the issue that since none of the new members have, sort of, been able to sit in kind a core activity that's ongoing that the Board oversees is these does reconstructions and case preparation, it might be a good idea to do a special, kind of, training program and talk to Rose a bit

about doing that to choose a -- some of the, kinda, example cases that have been done to be able to walk through for the new members exactly how these doors reconstructions occur.

And that might be a very useful hour or two to spend, go over that, ask questions so you get a good sense of the complexity of these dose reconstructions and the data that goes into it and how decision -- decisions are made. And I would hope you'd then come to appreciate the -- the accuracy that these occur following the procedures and the guidance that's out there and that done blindly by SC&A, the vast majority of these arrive at the same conclusion. So even though it's a complex process, it's done in a manner that can be reproduced, which is very important.

So, that kind of leads to the second issue. If you have time, the procedures committee is the one that reviews, kind of, the underlying guidance for the dose reconstructors. And you may want to just listen in to the procedures committee, that being on the 21st, just to give a sense of -- you don't necessarily have to participate, but if you -- I don't remember who's been added to -- to that committee. But again, it gives you a good sense of, kind of, historically how things have operated and give you an opportunity to raise some questions about the procedures, and others. So, that's just one thing I want the Board to think about. If you think it's a good idea, we could ask SC&A and Rose to put together a training program based on the dose reconstructions that they have reviewed, to walk through exactly how these are done. Because I'm -- I'm not sure that new members have had an opportunity to be, kind of, trained or briefed on how that is. You have to know, you won't be expected to ever generate these on your

own. And you'll get an appreciation of why I say that when you go through these and see the complexity that's developed and the guidance to be sure that things are reproducible over the many years that that program has been operating. Any thoughts on that?

MEMBER ZIEMER: Henry, this is Paul Ziemer. I have some thoughts on that, if I might make a few comments?

CHAIR ANDERSON: Sure. Yeah, well, actually, I was a little disappointed that the schedules were such that the new members weren't able to participate, but I think your idea of -- of maybe doing a, kind of, mock up of some of these recent ones. And I actually -- I had mentioned that to Rose, too, during one of our -- one of our own little group workouts, that I think it'd be good if we could have at least some examples for the new members to go through. Keeping in mind that -- of -- of our responsibilities in reporting our findings overall to the Secretary of Health and Human Services, that the dose reconstructions themselves -- and we -- we end up having contractors do those, but we have to audit that, and it's a very important part of what we do is, is that audit, which is done with the help of SC&A. So, I think that's critical to what we do as a Board, it's very important for the new members to get involved in that, just -- just as we want everybody to be involved in the activities involving the SECs and when we can't do dose reconstructions and how we go about determining that we can't do them is -- is also important. But this is a very critical part of what we do, so I think it's -- what you suggest is really gonna be worthwhile for the new Board members.

MEMBER KOTELCHUCK: Yes. This is Dave Kotelchuck. I think this is

a -- that's a great idea, Andy and -- and Paul. And in my mind, the question is should we have a special training meeting with a few new reviews that the Board goes over, or should we do a special training meeting and then review a couple of the old ones that we've already done. The question is whether we want to add -- whether we want to get -- have everyone from the dose reconstruction reviews subcommittee participate in that special training or whether it be essentially a one time for new members -- new members to the Board and other members who want to participate. What do folks think? How should we do it? How -- how would you suggest that we do it? Should we just do one special training with no new cases, or start a few new cases? Do a special training first, and then start with a few new cases to review?

MEMBER CLAWSON: This is Brad. We're -- we're gonna have -- we're gonna have several new cases coming up. We're going to be able to have the opportunity to be able to do this. My question is, is all the Board -- members Board members have access, and are they able to see information now? That's -- because I believe that was one of the biggest holdups right there, is that didn't have access yet. And so, --

MEMBER KOTELCHUCK: Yeah. I --

MEMBER CLAWSON: -- my question -- my question is, do they all have it, Rashaun?

DR. ROBERTS: Yes, they did gain access to the system some time ago.

MEMBER CLAWSON: Okay. So, that's just --

MEMBER FRANK: Yes, this is just --

MEMBER CLAWSON: Yeah, go ahead.

MEMBER FRANK: I was just going to say -- this is Arthur Frank, one of the new Board members -- you know, we had this question come up at our last call of -- of participating when we weren't actively involved with the activity that was part of the meeting. And we have a long discussion. I wish we would have given -- been given more notice about the 21st. I -- I personally -- if we could set up a date where new members could learn this process, either with a past case study or a new one, but something that's scheduled that we can properly participate.

MEMBER CLAWSON: Yeah, that would --

MEMBER MARTINEZ: (Indiscernible) --

MEMBER CLAWSON: -- I'm not --

MEMBER MARTINEZ: Can I --

MEMBER CLAWSON: Go ahead.

MEMBER MARTINEZ: This is Nicole Martinez. I'm also a new Board member. I agree with that. And also, I think one of the issues that -- I love the idea of having the training as -- as was suggested, and it will be really useful to have, like -- as -- as previous member said, a little bit more of a heads up, and so I can either rearrange my schedule or -- or put it in a slot in my schedule but -- because I personally think one of the issues is, like, the logistics as well, because sometimes I'll just be sent a meeting invite that says one on one and I -- without a lot of context, so I don't really know what that is and if I should rearrange my schedule to try to join it and things like that. So, if we were to have another training session with the dose reconstruction process, like how that works as well in these one on ones, I think -- because I think that's what we're talking about.

MEMBER KOTELCHUCK: Go ahead. I --

MEMBER CASSANO: Yeah, this is --

MEMBER KOTELCHUCK: -- Dave. Go ahead whoever else was on the phone.

MEMBER CASSANO: Hi. Yeah, this is Torrie Cassano, also another new Board member. Do these invites come through on the CDC computer, or do they come through your regular -- you know, your regular email? I'm a little bit confused about when I need to actually get on to the CDC computer and look for stuff. I know one time Rose sent something out, and when I tried to access through the link, I could not get through. I don't know if that was an invite to a one on one or what, but maybe I'm just -- maybe I'm just computer dumb, but I -- I was having some difficulty understanding how these things get to us.

MEMBER KOTELCHUCK: Dave. There's --

MEMBER CLAWSON: Dave, this is -- this is -- this is Brad, Dave. One -

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MEMBER KOTELCHUCK: Okay.

MEMBER CLAWSON: One of the things that I've done on that, a lot of these invites and stuff like that -- now, there's some things that they cannot send to your personal email, certain information -- but the invites and stuff, they should be able to, but you've also got to give them your personal email too so that you can get notifications on that. One of the things as a Board Member I've had to do is I set up -- I set up certain days through the week that I -- I access my computer to make sure that I have not missed anything.

MEMBER KOTELCHUCK: Yeah.

MEMBER CLAWSON: They try -- they try to be able to send it -- Zaida's very good about this -- of -- of certain -- certain things that Kathy sent out to us because -- like the one-on-one packet of information that cannot be outside of -- of our -- our system, kind of. But that's what I've done so that I'm able to track my information is I set up times -- three times a week is when I get on to make sure I haven't missed something. You just get on there -- and the other thing that it does is it keeps your computer updated on all of the security patches that you've got and everything else like that. There will be a little bit to it, but it sounds like, Dave, to me, that we need to set up just a -- a basic training with cases or whatever and go through it and maybe discuss it. And Rose could, kind of, pick one of those out that was kind of an interesting one, because I know that I had a couple that were quite interesting in what we had to get into --

MEMBER KOTELCHUCK: Uh-huh.

MEMBER CLAWSON: -- to be able to do it. So, do a few days, and it sounds like the best thing to be able to do is to send it out, give them plenty of advance notice when we're going to have the training and what Board M Members could participate in it and put their two cents worth in, which is usually \$1.25 or more. But it's -- they -- it's -- I -- I think that sounds like the best thing to be able to do it is with an old case.

MEMBER KOTELCHUCK: Okay.

CHAIR ANDERSON: Yeah, I think the old cases, you could pick several and because there's different methods that have been used that -- that you have kind of a quick review, which is for those who have -- you get to an

award right away -- or they -- the 50 percent is met, and so they don't go through a full review of everything to just increase that number. So, I think --

MEMBER CLAWSON: Well, I --

CHAIR ANDERSON: -- something that --

MEMBER CLAWSON: Henry, this is --

CHAIR ANDERSON: -- that are a little different that represent some of these. I know this last group that I had, most of them were short ones, so it's really repetitive, and I -- I think showing some of those is good, but others -- so I'm going to have Rose maybe work with Dave to pick one or two or three that are kind of representative and cover the various OTIBs and whatever and guidance that has been used.

MEMBER CLAWSON: All right. And Andy, I -- I -- I agree 100 percent with you, but I wanted you to think about part of the cases that we have there -- one of them, if you remember right, we went all the way through the -- we started into the process, and they automatically are -- are -- went over the 50 percent. So, it -- it -- it is important for them to understand of -- why that dose reconstruction stops at that and so forth. So, I -- I'm -- and also, I had some other ones with Dave that we had some interesting quirks to them. But I -- I think if we put it into Rose's hands, she knows the ones that would kind of --

MEMBER KOTELCHUCK: Exactly.

MEMBER CLAWSON: -- best overall fit it and go from there. Especially one of them that I'm thinking about that we came up with a -- a causation of -- it was like 49, period. But what we went through to be able to make sure

that everything that was supposed to be covered, everything that was taken, was addressed and was put into it. But Rose has a far better overview of all of these cases than -- than what just some of us do. So, I think I'll put it into Rose's hands and go from there.

MEMBER KOTELCHUCK: And I, I -- Dave -- I would agree with Andy and you, Brad. Rose, if -- if Rose would take a few examples, and I'll be glad to speak with her and kind of go -- I'll review some of them that she suggests or help decide, make a final cut, and then I would suggest that we set up that special training program only on dates that all new members can attend. There's no point in having a special training program when only a few of the new members can come. So, I would say that the scheduling that we have to do is to contact all the new members, presumably through their personal -- personal emails -- excuse me, their personal computer. And then, once we find a date, then we -- we'll schedule the meeting. I don't know how long it'll take, but let's figure -- I'm not sure who should actually contact all of the folks. Is it you, Rose, or I'm not sure if you're -- who is the appropriate person to --

MS. GOGLIOTTI: (Indiscernible) everyone. I'll have to get everyone's personal email, but I'm happy to do that, maybe put together a very high-level presentation but beforehand just reintroducing some of the concepts of dose reconstruction before we go through --

MEMBER KOTELCHUCK: Yeah.

MS. GOGLIOTTI: I think that might be useful.

MEMBER KOTELCHUCK: That would be great. That would be wonderful. And good. I'm so glad you will do that. And then I'll work with

you on that, and then we'll have that special meeting. And as many members of our -- of our -- of our subcommittee who can attend that meeting would be great. And hopefully -- hopefully most of us, if not all -- it doesn't require that all of us be there, but at least several of us. But it should be available for all new Board members. And I don't --

MEMBER ZIEMER: Yeah. This is Ziemer again. And make -- make sure you coordinate all that through Rashaun as well.

MEMBER KOTELCHUCK: Yes.

MEMBER CLAWSON: I -- I -- I just -- I also wanted to make sure we're okay with that, Rashaun -- or -- or it could be classified as -- it could -- the logistics of getting that whole work group together and everything else like that, I know that it's for training, but I just want to make sure all of our T's are crossed and our I's are dotted on that, that we don't any kind of problems like that. But I don't -- I don't think it would where this is for training meeting or subcommittee, but I just want to make sure that Rashaun --

MEMBER KOTELCHUCK: Yeah, right.

MEMBER CLAWSON: -- is in the loop with this.

MEMBER KOTELCHUCK: Absolutely. And actually, what I think the -- sounds like -- reminds me the proper procedure is maybe Rose will contract the various people, the new Board members, and make sure that all can attend. At that point, we then go back Rashaun, give her those dates, and let her schedule the meeting with our consent, right, with --

MEMBER CLAWSON: And don't -- don't forget the sub- --

MEMBER KOTELCHUCK: Is that proper, Rashaun?

DR. ROBERTS: Sure. Either way --

CHAIR ANDERSON: -- sorry to have --

DR. ROBERTS: -- I need -- I do need to be in the loop.

CHAIR ANDERSON: -- (indiscernible) --

MEMBER KOTELCHUCK: Absolutely. But I think we can do the preliminary work and find out when we can get all of our new members together, and -- and give it to you to -- because all the subcommittee members, current subcommittee members, don't necessarily have to attend that special training program.

MEMBER CLAWSON: But the training --

CHAIR ANDERSON: (Indiscernible) --

MR. CALHOUN: -- this is Grady. And -- and I just would like to offer up some of us or one of us to -- to be in that training as well in case there are some questions that are asked as to the process and why this was the decision over that decision was made. I think that'd be good for us to be available.

MEMBER KOTELCHUCK: I think you --

MEMBER CLAWSON: That's good.

MEMBER KOTELCHUCK: -- that's good. I think that's great.

MEMBER CLAWSON: That's a very important part right there, you know. I'm gonna be honest, Dave, if we kind of sat down with Rose on this because she understands this whole thing, because I think it's very important to have SC&A there. I think it's important to have all the work groups members that can attend -- also to have NIOSH so -- or -- or ORAU, whichever one is into it, because that's where a lot of our information comes

to us of why we came to this decision. This is why we did what we did. You know, there's a lot of discussion all the time on that, and that's very important. I'm glad that Grady brought that up, because we need to have --

MEMBER KOTELCHUCK: Yes.

MEMBER CLAWSON: -- all the players. And that's why I was a little bit nervous about just making sure that we're -- we're good with what we're doing, especially --

(Whereupon, there was electronic interference on a telephone caller's line.)

MEMBER CLAWSON: -- process, it is -- this is -- we're training and for help for the new members to be able to go there. But Rashaun's got to stay in the loop on this, and she'll keep us out of trouble, I hope.

MEMBER POMPA: This is Pompa. Just a couple -- number one, there is a radiation dose reconstruction program on the -- on the internet by NIOSH, and I used to go -- in the past, before 2019 or the -- the COVID, up to Grady's -- up to NIOSH, and we spent, I guess, like a week, three or four days, up there on radiation dose reconstruction. But it was -- I don't know if I've still got my notes -- so they're taking this very specific on dose reconstruction, how they did it, and if we had any questions, they were there to answer, but so if anyone wanted to look at the website, NIOSH radiation dose reconstruction program, kind of, get an idea. Thank you.

MEMBER CLAWSON: Yeah, and Dave, that's a good -- that's -- that's good that we went onto that. Now -- now, it kind goes a little bit past that, and it gets into the nuances of why certain methods were chosen over different methods that we know of. This is gonna kinda be the same kind of

class, but a little bit higher level of it. But it is good if Information, and I'm glad you brought that up as to be able to go on there and get the basics of the dose reconstruction. Now that -- now that you're in the position that you are now, it's gonna get into the real fine details of this, because there's a lot of reasons why ORAU has chosen this over the other, the claims -- more claimant favorable because of certain things. And so, it -- it'll be interesting for you, I guarantee.

MEMBER KOTELCHUCK: Right. Dave. Going back --

CHAIR ANDERSON: I think we got way forward here. We're all in agreement, so --

MEMBER KOTELCHUCK: We have -- we have good agreement. And as I say, I think -- I got cut off at some point. But did -- I don't know if folks heard, but my feeling is probably we're talking about a September meeting rather than trying to squeeze it in -- in -- in August sometime. Yes.

CHAIR ANDERSON: Well, we'll -- we can -- we can see. Rose can put it together with Rashaun, and I think we're all in agreement that this is a good thing to do. The question would be will -- we're talking a little bit later. Our next -- when we finish up with committee reports with the August face-to-face meeting. I don't know how full that would be, so potentially that would be a place if there were some time there to get to do this training face to face. It's just a little bit challenging with everybody is -- if we have a big group on -- on the phone talking over or each other, that makes it a little more problematic. So --

MEMBER KOTELCHUCK: Yeah.

CHAIR ANDERSON: So, Dave, you want to give a -- finish an update

on your committee's work?

MEMBER KOTELCHUCK: Well, --

CHAIR ANDERSON: Did you see my email?

MEMBER KOTELCHUCK: I'd say I did not see your email this morning. I'm here up -- up in Vermont. I'm not -- I have access to my email, my personal email, only. But we'll -- we will try to schedule a meeting of the subcommittee soon. Now that --

CHAIR ANDERSON: Okay.

MEMBER KOTELCHUCK: -- set 31 is finished. And if I may, also add for the methods -- dose reconstruction review methods work group, I promise to report. I've been busy be working on some other business for our advisory Board, and particularly our July 13th meeting for M&C, but I promise to get out that method report this summer and as soon as other things get finished and certainly before we have this special Board meeting that's coming up that we're -- we've just been talking about. So, I think that takes care of my report.

CHAIR ANDERSON: Okay. I was just wanting to -- Paul had raised the issue of -- I mean, we talked about it a little bit here, but the case reviews, and we've tended not to have a formal way to get the report that they're completed and what was done in the record, so Rose and I put together a little -- because I was -- we thought the chair would be best, but since you haven't had it, let's just get it on the record before we forget. So, this is from May 23, 2023, through June 9, 2023, eight virtual meetings took place with pairs of Board members and SC&A review authors. During each call, three to four case reviews from the 31st set of dose reconstruction

reviews were discussed. During these calls, Board Members were given the opportunity to ask questions and request changes to the DR reviews. The SCDRR recommends that the committee -- SC&A issue the 30 case reviews discussed in these calls, and that the issues resolution process on these cases should commence, that even though we've been through this, these are still drafts. And that will be the next step is to finalize response to the various questions that we have raised, or SC&A raised. And then they will become final later on. So, this is just an update that one of our big activities for the Board is to do these reviews and an audit, as Paul had said, is a critical factor. So, on this 31st set, we've now completed most of that, and we're in the finalization process.

MEMBER KOTELCHUCK: Very good.

CHAIR ANDERSON: Questions? Dave, any other comments? Just -- we just need to get a report out there, what was done and how we did it formally for the record. Paul, is that what you're -- what your intent was?

MEMBER ZIEMER: Yeah, this is Ziemer. Thank you very much for -- for doing that. I -- I felt that it was important for us to have in the record, that these -- that this activity was done since it is really an important underlying thing to what we do. And I had realized that in the past, that doesn't show up anywhere that we've done these one on -- well, they're not one on ones, but they're small groups of reviews, and I just wanted it to be in the formal record. And I -- I suppose at the time that the final report comes to us from SC&A, we approve that, but the fact that we've actually reviewed all these in advance doesn't formally show up. So, I appreciate your putting that into the formal record here. And I think just the -- having

it in the transcript becomes important. We don't -- I don't think we take any formal action at this point. We just have it in the record. But I think that -- to me, that's sufficient.

MEMBER KOTELCHUCK: Well, thank you. Thank you, Paul. And Andy. That's well thought out and well done.

CHAIR ANDERSON: Any other questions or committee reports?

MEMBER BEACH: Andy, this is Josie. I did want to mention that I'm going to be joining NIOSH the end of the month to go to Idaho to look at documents for, I believe, the Burial Grounds, so I'm going to -- and then a possible site visit. I don't know if any other work group members are going; haven't heard any.

CHAIR ANDERSON: Well, I think you're the --

MR. NELSON: Josie, our understanding is that -- sorry about that. This is Chuck. Our understanding is Joe Fitzgerald is going to attend as well.

MEMBER BEACH: Oh, okay. I just didn't know if any other -- I know we used to have a couple of us that went out, so. That's it. That's all I have, Andy.

CHAIR ANDERSON: Okay. Any other reports? If not, I turn it back over to Rashaun to talk about plans for the August Board meeting.

### **PLANS FOR AUGUST BOARD MEETING**

DR. ROBERTS: Hi, thanks, Andy. So, because some of the Board Members will be unable to travel in August, this will be a hybrid meeting scheduled for August 16th. So, the Virtual component will be conducted on Zoom, and the in-person component will be conducted at the DoubleTree by

Hilton in Augusta. Zaida will be getting in touch soon about travel arrangements and getting travel authorization for those who will be able to attend the meeting in person in Augusta. So, please direct questions about travel to her. And as a gentle reminder, no travel related to this Board should be arranged or conducted without Zaida's assistance.

So, in terms of the agenda, I just wanted to make sure, you know, that -- that everything -- all of the items that people have in mind are represented on the agenda. So, as per usual, we're going to have the normal update. I assume from -- well, actually from the SRS meeting, I know, Brad, that you were planning to do a work group update, correct? Is that still the case? And I just want to confirm how -- how big a block of time you need.

MEMBER CLAWSON: Well, Rasaun, I was -- I'm kind of looking at that. I -- I think we can kind of give an update of that in, I'd say, half hour to 45 minutes. It depends on if NIOSH wants to give an update on their part, but I give for the work group in that. But it depends on if NIOSH wants to -- because we're in Augusta, to give an update too. That would just be my question. I'm thinking of our side, we could do it in about a half hour.

DR. ROBERTS: Okay. And NIOSH, would -- would you want some time on that agenda item as well?

MR. RUTHERFORD: You know, I said -- this is LaVon. That's a good question. I would think we would. Let me verify with John Cardarelli, and make sure that -- but I -- I would think we would want a little bit of time as well.

DR. ROBERTS: Okay. I will take that --

MEMBER CLAWSON: And -- and LaVon, I was just figuring that if we set aside about an hour, that'd give both sides, kind of, about a half hour to give an update of where we're at, what -- and what we're working towards.

MR. RUTHERFORD: That's seems fine to me, too, Brad.

MEMBER CLAWSON: Okay, sounds good. Thanks.

DR. ROBERTS: Okay, great. I also assume that there'll be an update -- the document and approval from SPR. I know, we don't have that meeting until June 21st, but the pattern has been that there's a document approval process agenda item. So, Josie, do you anticipate that being the case? And again, confirming the amount of time?

MEMBER BEACH: Yes, I do. And I believe we'll know more next week. But I would say probably about the same amount of time we've been taking. I think we've been scheduling an hour and a half; is that correct?

DR. ROBERTS: Yes, that is correct. I do have a question. If need be, would an hour -- if we had to, sort of, modify the agenda a little bit, would an hour be acceptable?

MEMBER BEACH: We can pare down what we present. I -- I was going to talk to -- well, I talked to Kathy a little bit, but we were going to talk during our meeting of doing our backlog, but also giving an update of what we've been working on the last year. So, I hate to limit us to an hour, but if we have to, we'll just pare down what we present.

DR. ROBERTS: Okay. All right. Well, we'll see what happens in the June 21st meeting. Okay, thanks. Also, since you're -- you're still on, Josie, M&C, did you want an agenda -- agenda item for that?

MEMBER BEACH: I think we probably should put an agenda item for that based on our July meeting. We may have some information to present, so.

DR. ROBERTS: Okay.

MEMBER BEACH: And I --

DR. ROBERTS: And about --

MEMBER BEACH: At least an hour to start with.

DR. ROBERTS: Okay.

MEMBER BEACH: But that, again, will determine what happens in July. Sure.

DR. ROBERTS: Okay. So, tentative -- we'll just say tentatively.

MEMBER BEACH: Yeah, have a placeholder for sure.

DR. ROBERTS: Okay, great. So, I think those are all the items that I had. Is anything missing? Is there an agenda item that that anyone on the Board would want on?

MEMBER ZIEMER: This is Ziemer. Let me ask you a question, Rashaun, is -- are we down to a one-day meeting, did you say?

DR. ROBERTS: Right now, because doesn't appear that there's really enough to spill into another day. You know, again, unless there's something on here that -- that's not accounted for yet.

MEMBER ZIEMER: Well, the other half of my question or -- it's a second question then, what -- sort of what fraction of the Board is able to actually physically be there? Because it -- it's already a hybrid meeting and that -- for many people -- not for me so much, but some of our West Coast people -- that's a lot of travel for a one-day meeting.

DR. ROBERTS: Yeah, I've just heard -- I don't have a sense of, you know, necessarily everyone who may not be able to attend in person, but I was contacted by, you know, a few people who said that they weren't able to make it.

MEMBER ZIEMER: Okay. Well, I was just wondering, I become concerned about travelling long distances for one-day meetings.

DR. ROBERTS: Yeah, I --

CHAIR ANDERSON: (Indiscernible) --

DR. ROBERTS: -- agree.

CHAIR ANDERSON: -- we could have raised the same issue of our -- are we going to have a public comment period --

MEMBER ZIEMER: Well, we'll have to have that?

DR. ROBERTS: Yes, yeah.

CHAIR ANDERSON: I mean, then the question is could we -- could we start with that? Again, it's a -- if we meet together for one day, it's really from a travel standpoint, a three-day thing. You've got to fly in the night before, and you can't do -- with the public comment period, late in the day, after the meeting, it's too late to travel home -- at the end of the meeting, so you travel home the next day. So, it's a three-day thing for a -- I don't know how else we do it once we started --

MEMBER ZIEMER: Well, this is Ziemer again. Yeah.

CHAIR ANDERSON: Yeah.

MEMBER ZIEMER: Andy, Ziemer again here. I -- I think we have to be cognizant of the fact that there are some members of the public that still work and do not make it during the day. So, we almost have to have the

public comment period toward the end of the day, five o'clock typically works well, particularly for people who can't get there otherwise. And I know it's not good to have people -- having the Board all bailing out at that point. It looks bad to the public, if we're bailing out and don't stay to hear them. So, that's the other side of it. If we have a public comment period, I think we have to have people commit to staying through the end of the Board meeting. So, that's all. That's just my comment on that.

CHAIR ANDERSON: It's a --

MEMBER ZIEMER: It's almost better to do it remotely if that's what's gonna happen.

CHAIR ANDERSON: The other would be could we do it at the start, you know, the night before? You have to fly in the night before anyway, so we could potentially do -- see if everybody could get in in time to do a five o'clock at the start. The only problem is it isn't after the whole Board meeting, it's at the start of the Board meeting --

MEMBER ZIEMER: Right. People haven't had a --

CHAIR ANDERSON: -- (indiscernible) --

MEMBER ZIEMER: -- chance to hear our --

CHAIR ANDERSON: -- comment.

DR. ROBERTS: Right.

MEMBER ZIEMER: They haven't had a chance to hear where we are on things either.

DR. ROBERTS: Right. Exactly. So, and --

CHAIR ANDERSON: Well, I just --

DR. ROBERTS: -- too, you know, just for your information, Brad was

putting the Savannah River site update closer to the end of the day just so that people there, you know, might be able to attend that in person.

CHAIR ANDERSON: Okay, good enough. Well, we just have to remind people not to -- not to get 5:00 p.m. flights.

DR. ROBERTS: Right.

MEMBER BEACH: Definitely. Rashaun, do you want us to let you know if we intend to make that meeting? I mean, I can say I -- it's all my calendar. I intend to make the meeting in person.

DR. ROBERTS: Uh-huh. Sure, people, you know, if they want to send me an email saying whether they're or not they can make it, that's fine.

MEMBER KOTELCHUCK: Sure. Dave. I personally cannot make it in person. I will certainly be there for the Zoom. Unfortunately, we quickly have a family vacation in August planned a year in advance and the whole family is there, and so I there's no way I can -- can face to face. I'll certainly be there on -- on the Zoom.

MEMBER BEACH: Is it too late to --

MEMBER ZIEMER: Well, this is Ziemer.

MEMBER BEACH: Is that too late to --

MEMBER ZIEMER: This is --

MEMBER BEACH: -- move that meeting to a week earlier?

DR. ROBERTS: Yeah, part of the issue is that these -- the hotel has to be booked in time, you know, you have to put the space for, you know, the time that you need it. And that has to be done in advance. I think, you know, the reason we had to do the April meeting online was that we weren't able to find the conference space. You know, but -- but when we do, you

know, enter into a contract with the hotel site, all of those things have to sort of be nailed down.

MEMBER BEACH: Sure.

MEMBER ZIEMER: Well, I'm going to --

MEMBER VALERIO: Rashaun, this is Loretta. Oh, I'm sorry, Paul.

MEMBER ZIEMER: Well, I was just going to suggest --

MEMBER VALERIO: Go ahead.

MEMBER ZIEMER: -- I don't think we have to go through -- this Ziemer. I don't know that we have to go through everybody today. I was just -- I -- I was concerned if most people weren't going to end up coming, that also impacts on the decision, I think. I assume maybe the contract's already been led; is that right, in the hotel?

DR. ROBERTS: I believe the --

MEMBER ZIEMER: We already have that --

DR. ROBERTS: -- Zaida. That's more Zaida's thing --

MEMBER ZIEMER: Yeah. Well, --

DR. ROBERTS: -- off line.

MEMBER ZIEMER: Well, you said where it's gonna be.

DR. ROBERTS: Yeah.

CHAIR ANDERSON: Well, let's try to have people finalize to Rashaun whether they're coming or not, and hopefully every will be able -- or more everybody will be there in person. So, again, the public attending, if it's only a few people there, then that looks bad as well, so.

MEMBER BEACH: Sure.

CHAIR ANDERSON: Just keep in mind that it won't -- unless there's a

late flight, you'll have to stay till at least probably six o'clock.

DR. ROBERTS: Right, and it may -- may be later.

CHAIR ANDERSON: Yeah.

DR. ROBERTS: As we've mentioned before, it may not, you know, make sense to book a flight out --

CHAIR ANDERSON: Yeah.

DR. ROBERTS: -- that particular evening, so all of that needs to be taken into account.

MEMBER ZIEMER: I think our -- this is Ziemer again. Our past experience at -- at Augusta is that we usually have quite a few participants in from the public at that site.

CHAIR ANDERSON: Yeah. So, that would be the fly home the next day. 17th is your -- 15th and the 17th travel days.

DR. ROBERTS: Uh-huh. Okay. Yeah, so if folks just want to let me know via email what the circumstance are, whether you are able to travel or not, that would be -- that would be good.

Okay. Just getting back --

CHAIR ANDERSON: And we all --

DR. ROBERTS: Just one more check again, are there any other agenda items that may have been missed? Okay. Well, hearing none, thanks. That's really all I had.

CHAIR ANDERSON: Board Members have any comments or questions you have?

MEMBER CLAWSON: Brad. No, I...

CHAIR ANDERSON: Okay. Seeing no hands raised, I -- I'll accept a

motion to adjourn.

MEMBER BEACH: I'll second that, Andy. This is Josie.

CHAIR ANDERSON: Okay. Hearing no objections, we stand adjourned then.

(Whereupon, the meeting was adjourned at 11:59 a.m. EST.).