

UNITED STATES OF AMERICA
CENTERS FOR DISEASE CONTROL

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NATIONAL INSTITUTE FOR OCCUPATIONAL
SAFETY AND HEALTH

+ + + + +

ADVISORY BOARD ON RADIATION AND
WORKER HEALTH

+ + + + +

76th MEETING

+ + + + +

WEDNESDAY
APRIL 20, 2011

+ + + + +

The meeting convened telephonically at 11:00 a.m., Eastern Daylight Time, James M. Melius, Chairman, presiding.

PRESENT:

- JAMES M. MELIUS, Chairman
- HENRY ANDERSON, Member
- JOSIE BEACH, Member
- R. WILLIAM FIELD, Member
- MICHAEL H. GIBSON, Member
- RICHARD LEMEN, Member
- JAMES E. LOCKEY, Member
- WANDA I. MUNN, Member
- ROBERT W. PRESLEY, Member
- DAVID B. RICHARDSON, Member
- GENEVIEVE S. ROESSLER, Member
- PAUL L. ZIEMER, Member
- TED KATZ, Designated Federal Official

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ANDERS, KAROLINE, DOL
BARRIE, TERRIE
BURGOS, ZAIDA, NIOSH
HINNEFELD, STU, DCAS
LIN, JENNY, HHS
MAKHIJANI, ARJUN, SC&A
MAURO, JOHN, SC&A
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1 P-R-O-C-E-E-D-I-N-G-S

2 11:00 a.m.

3 MR. KATZ: We have Dr. Melius, but
4 why don't I run down the list. It's easier
5 than you guys trampling each other to get your
6 names in.

7 So we have Dr. Melius. Let me go
8 alphabetically then. Dr. Anderson?

9 MEMBER ANDERSON: Yes, I'm here.

10 MR. KATZ: Great. Ms. Beach?

11 MEMBER BEACH: I am here. Good
12 morning.

13 MR. KATZ: Mr. Clawson?

14 (Pause.)

15 Brad? Okay, let me carry on. Dr.
16 Field?

17 MEMBER FIELD: I'm here.

18 MR. KATZ: Mr. Gibson?

19 MEMBER GIBSON: I'm here, Ted.

20 MR. KATZ: Great. Mr. Griffon?

21 (Pause.)

22 I'll carry on. Dr. Lemen?

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1 (Pause.)

2 Dr. Lockey?

3 MS. THRASHER: Dr. Lockey will be
4 with you just in a few minutes. He's running
5 a few minutes late. This is Connie, his
6 assistant.

7 MR. KATZ: All right, Connie.
8 Thank you. And Ms. Munn we've heard from.
9 Dr. Poston?

10 (Pause.)

11 Okay, things are going on with Dr.
12 Poston I think, too, maybe. But Mr. Presley
13 we've heard from. Dr. Richardson?

14 MEMBER RICHARDSON: I'm here.

15 MR. KATZ: Great. Dr. Roessler?

16 MEMBER ROESSLER: Here.

17 MR. KATZ: Okay. And Phil I've
18 heard from. Phil is stuck in Dallas and won't
19 be on the line.

20 Dr. Ziemer?

21 MEMBER ZIEMER: I'm here.

22 MR. KATZ: Great. And let me just

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1 go back on the -- Brad, are you with us? Mr.
2 Clawson?

3 Okay, I haven't heard from him. I
4 suspect he'll be with us unless he had travel
5 troubles as well. And let me check again --
6 Mark, Mr. Griffon?

7 Okay. And Dr. Lemen? I haven't
8 heard from him, so I would expect him.

9 Okay, Jim, do you want me to carry
10 on, or --

11 CHAIRMAN MELIUS: Yes, go on with
12 the next item on the agenda, which is yours.

13 MR. KATZ: Sure. Before I do
14 that, just let me remind everyone on the line,
15 let me just do the rest of the roll call
16 first.

17 NIOSH-ORAU team?

18 MR. HINNEFELD: This is Stu
19 Hinnefeld from NIOSH.

20 MR. RUTHERFORD: LaVon Rutherford,
21 NIOSH.

22 MR. KATZ: Okay. Any others from

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1 the NIOSH-ORAU team?

2 Okay, SC&A?

3 DR. MAURO: John Mauro, SC&A.

4 Good morning.

5 MR. KATZ: Good morning.

6 DR. OSTROW: Steve Ostrow. Steve

7 Ostrow.

8 MR. KATZ: Hi, Steve.

9 DR. OSTROW: Hi.

10 MR. KATZ: Okay. Federal

11 officials, HHS or other agencies?

12 MS. LIN: Jenny Lin, HHS.

13 MR. KATZ: Hello, Jenny.

14 DR. WADE: This is Lew Wade with

15 NIOSH.

16 MR. KATZ: Hi, Lou.

17 MS. ANDERS: From the Department

18 of Labor, Karoline Anders for Jeff Kotsch

19 today.

20 MR. KATZ: Karoline.

21 DR. AL-NABULSI: Isaf Al-Nabulsi,

22 DOE.

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1 MR. KATZ: Welcome.

2 And there's no public comment
3 session, but any members of the public
4 listening in who want to register their
5 attendance?

6 MS. BARRIE: This is Terrie Barrie
7 with ANWAG.

8 MR. KATZ: Welcome, Terrie.

9 MS. BARRIE: Good morning.

10 MR. KATZ: Very good. Now let me
11 just remind everyone on the line now to please
12 mute your phone except when you're addressing
13 the group.

14 Use *6 if you don't have a mute
15 button to mute your phone, and then *6 again
16 will take you off mute.

17 And I will sort of go right into
18 the next section, which is recording absentee
19 Member votes.

20 DR. MAKHIJANI: Ted, before you
21 start that, this is Arjun. I just got on the
22 line, SC&A.

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1 MR. KATZ: Great. Welcome, Arjun.

2 DR. MAKHIJANI: Thank you. Thank
3 you.

4 MR. KATZ: Thank you.

5 Okay, Board votes. At the last
6 meeting in Augusta, we had some absences, and
7 the procedure of the Board is to collect all
8 votes before completing the action, and we
9 have done so. So let me run through those
10 votes as they came in.

11 There's someone on the line who's
12 not on mute. If you could just mute your
13 phone, *6, thank you.

14 So we have Dr. Lockey was absent
15 for a number of the votes, and I'll run down
16 his votes. All the votes came in by March
17 18th. And Dr. Lockey's, for those that he had
18 missed, were a yes on Chapman, making the
19 final vote 11 in favor, 5 against. A yes on
20 Dow, making the final vote 15 yes, 1 no. A
21 yes on Wah Chang, that's 16 or unanimous in
22 favor. A yes on Grand Junction, that's again

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1 16 unanimous in favor. A yes on Bliss &
2 Laughlin, 16 unanimous. A yes on Norton,
3 that's 15 in favor, unanimous, one recusal.
4 And yes on Vitro, 16 unanimous again.

5 Mr. Griffon also -- he missed two
6 votes. He missed Chapman, where he voted no,
7 and he voted yes for Wah Chang.

8 And then finally, Mr. Schofield
9 missed the vote on the last day for Vitro, and
10 he voted yes. And that concludes the votes
11 for the February Board meeting.

12 Thank you, Jim.

13 MS. LIN: Ted?

14 MR. KATZ: Yes.

15 MS. LIN: This is Jenny. There
16 were separate votes taken for Wah Chang? Can
17 you report those votes as well?

18 MR. KATZ: There were separate
19 votes taken for Wah Chang.

20 MS. LIN: There were two actions
21 taken for Wah Chang.

22 MR. KATZ: Okay, let me --

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1 MEMBER LEMEN: Ted?

2 MR. KATZ: Yes?

3 MEMBER LEMEN: This is Dick. I'm
4 on.

5 MR. KATZ: Oh, welcome. Welcome,
6 Dick.

7 So, Jenny, I don't have that
8 before me right now --

9 MS. LIN: Okay, great.

10 MR. KATZ: -- to address that.
11 Thank you.

12 CHAIRMAN MELIUS: Okay. Thanks,
13 Ted.

14 Lew, do you want to give us an
15 update on the NIOSH 10-Year Program Review?

16 DR. WADE: Sure, Jim. I'll be
17 brief.

18 You know, we're proceeding
19 according to the plan that I shared with you
20 at the February meeting although I'm a little
21 bit less certain of my ability to meet that
22 plan, but we're still proceeding according to

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1 it.

2 If you remember, that plan was to
3 have before the Board, before its next face-
4 to-face meeting in May, updated copies of all
5 five of the Phase 1 reports. They'll be as
6 updated as they've been by the authors and
7 approved by the system for release.

8 I'd also like to have before you a
9 list of all of the recommendations that have
10 resulted from those five reports. And I would
11 await, you know, the Board input on the
12 content of those five reports and the
13 recommendations.

14 The one issue that I've been --
15 until we have a Board discussion, it was Dr.
16 Richardson's issue that started with the fact
17 that the science review did not look at the
18 science behind Probability of Causation.

19 Before we decide how to move on
20 that, I would be interested in a discussion
21 with the Board to get a sense of what the
22 Board's actions are likely to be on that

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1 issue.

2 So we're on track. Again, the
3 meeting is approaching, and I don't have all
4 the pieces in hand, yet, but we're working to
5 have them. And then, Jim, we're also prepared
6 to do anything you would like us to do in May
7 as the Board begins to delve into more detail
8 in some of the Phase 1 reports.

9 CHAIRMAN MELIUS: Okay, thanks.
10 And, Lew, if you're going to stay on the line,
11 we'll sort of hold that discussion -- one of
12 our last items is the May meeting agenda, and
13 we can cover it there because it also depends
14 somewhat on how much time's available, so.

15 DR. WADE: I'll be with you until
16 1:00, Jim. Do you have a sense -- I assume
17 you'll --

18 CHAIRMAN MELIUS: I think we'll be
19 finished by 1:00.

20 DR. WADE: Okay. Thank you.

21 CHAIRMAN MELIUS: Any Board
22 Members that have questions for Lew?

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1 MEMBER MUNN: Yes. This is Wanda,
2 I have one.

3 Lew, is the report that we can
4 access online where you are right now, or is
5 there more extensive information? Is there
6 additional information or different
7 information than what we have on the screen
8 when we pull that up?

9 DR. WADE: Well, if you pull up
10 one of the five reports, Wanda, what you have
11 is the latest released version. The authors
12 are working on some of the comments that were
13 received at the website, and it's my hope to
14 have updated reports to you.

15 When we do update, I'll send an
16 email to each Board Member letting you know
17 that there's a later version available. So
18 what you see is what you've got until we have
19 more to share with you, and we'll let you know
20 of that occurrence.

21 MEMBER MUNN: All right. So that
22 what, about 34-page draft that we see, is the

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1 bones and meat of what we're going to expect,
2 right?

3 DR. WADE: No, there are five
4 reports. There's a --

5 MEMBER MUNN: Yes, this is just
6 the first of the first one that I'm looking
7 at. I just wanted to make sure that those had
8 not been significantly revised and that I had
9 missed it. All right.

10 DR. WADE: There's a report on
11 individual dose reconstruction -- all of those
12 reports you have, there's a report on the
13 quality of science.

14 MEMBER MUNN: Yes.

15 DR. WADE: You have the latest
16 version. They are being worked based upon
17 comments.

18 MEMBER MUNN: All right. Thank
19 you.

20 CHAIRMAN MELIUS: I would just add
21 that, you know, individual Board Members, you
22 know, can do comments regarding those reports,

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1 so --

2 DR. WADE: We have a number from
3 some Board Members, and you know, we're
4 working hard to include the suggestions made
5 by Board Members.

6 CHAIRMAN MELIUS: Okay. Any other
7 Board Members with questions for Lew?

8 Okay. Next, we'll hear from LaVon
9 Rutherford, the Special Exposure Cohort
10 Petition status update.

11 MR. RUTHERFORD: All right. Thank
12 you, Dr. Melius.

13 We have a pretty light load for
14 the SEC presentation schedule for the May
15 Board meeting. We had hoped to get an 83.14
16 completed from our review of the SEC Class
17 Definitions in time for the meeting, but we
18 had to push that back a little. We will be
19 presenting those 83.14s at the August meeting.

20 As for the May meeting, we will be
21 presenting evaluations for Sandia National Lab
22 and Hanford. The Sandia National Lab is an

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1 83.13. The petitioner had proposed a Class
2 for all employees who worked within the
3 reactor division of Sandia National Lab from
4 January 1, 1957, through December 31st of
5 1962.

6 Recognize that if a Class is
7 recommended, we do not necessarily recommend
8 the Class proposed by the petitioner. We
9 adjust the Class based on our feasibility
10 findings. So, just, I know the Board knows
11 that, but any of the public listening.

12 We anticipate getting this report
13 to the Advisory Board late next week.

14 Hanford, this is an 83.13 as well.

15 This petition actually is within the time
16 period which is under the Hanford Work Group
17 review now. However, the issue associated
18 with this petition was not addressed under the
19 previous petition, nor has the Work Group
20 really looked at this issue.

21 The petitioner proposed Class is
22 all personnel who were internally monitored

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1 and who worked at the plutonium finishing
2 plant in the 200 area at the Hanford site from
3 January 1, 1987, through December 31st, 1989.

4 Again, we anticipate getting this
5 report to the Advisory Board late next week.
6 Those are the only new petitions we will be
7 presenting.

8 We will be providing the SEC Work
9 Group and the rest of the Board a revised
10 petition evaluation for GE Evendale. This is
11 an 83.13 -- or 83.14, excuse me. We
12 originally presented our Evaluation Report at
13 the Advisory Board meeting in February of
14 2010.

15 At that time, the Advisory Board
16 requested that we pursue additional
17 information to determine whether it would
18 feasible to limit the Class based on specific
19 buildings, or if we could identify the
20 specific work force.

21 Since that time, we have uncovered
22 enough additional information and

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1 documentation and data that we felt we should
2 revise our original evaluation to include this
3 information. However, our revision does not
4 change our original conclusion. I want to
5 point that out.

6 We anticipate having this revision
7 to the Advisory Board -- or to the Work Group
8 and Advisory Board late next week as well.
9 And that's about it for the May meeting.

10 CHAIRMAN MELIUS: Okay. Questions
11 for LaVon from Board Members?

12 MEMBER LOCKEY: Hey, Jim. Jim
13 Lockey, I was able to join you.

14 CHAIRMAN MELIUS: Okay. Welcome,
15 Jim. Thanks.

16 Any questions for LaVon?

17 Okay. Next item on our agenda is
18 the Work Group and Subcommittee update. And
19 let me just start off by saying that the SEC
20 Evaluation Work Group will -- currently in the
21 process of scheduling a meeting to review the
22 updated General Electric report, so we will -

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1 - Evaluation Report.

2 So we expect that we'll have that
3 meeting before our May meeting, and we'll be
4 able to report back as part of the
5 presentation discussion on the new Evaluation
6 Report at the May meeting.

7 Any other Work Group or
8 Subcommittee Chairs that wish to provide
9 updates?

10 MEMBER MUNN: This is Wanda. I
11 can give you a report on Procedures, if you'd
12 like.

13 CHAIRMAN MELIUS: Yes.

14 MEMBER MUNN: The Subcommittee on
15 Procedures met last March 22nd in Cincinnati.
16 We had, as usual, a very full agenda,
17 including the first 14 of the two-page
18 summaries for our archive that SC&A had
19 provided for us and which we covered in
20 considerable detail.

21 Those will be complete with only
22 minor revisions now. A few grammatical

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1 changes will be made, and then they'll be
2 provided to NIOSH for them to arrange a spot
3 on the web so that we can get those -- that
4 entire file loaded and available for public
5 perusal.

6 We were able to close several
7 items, a couple from OTIB-21, and we had a few
8 items that -- as always, we have carryover
9 items that are still being worked on. There -
10 - we expect at least half of those carryover
11 items to be addressed at our next meeting.

12 We continue to move forward with
13 issues on our database. As you know, this
14 most recent change and expansion of our
15 capability is providing some software
16 challenges, I think.

17 But we -- and as a result, we were
18 not able to use the database in its electronic
19 form as we have been accustomed to in the past
20 during that meeting.

21 But we see progress being made,
22 additional information being incorporated.

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1 And our primary concern right now is that the
2 database be able to link back to original
3 documents, so that anyone who is trying to
4 attempt the full history of what has
5 transpired with an issue will be able to move
6 from one document to the other without total
7 confusion.

8 We anticipate spending the first
9 part of our next upcoming meeting with active
10 training on how to use the new aspects of the
11 database that should be available to us by
12 that time.

13 We were unable to schedule a
14 meeting in the usual period that we would
15 have. Normally, we like to meet every six
16 weeks to two months, but because of the press
17 of other meetings and staff restraints that we
18 have currently, the next meeting will not
19 occur until July.

20 So we will have one or two items
21 that will be transferred from our purview into
22 other Work Groups. There's a PER that needs

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1 to go to the Los Alamos Group, and we'll be
2 doing that in the next week or so.

3 In the interim, we had a
4 considerable discussion about how to address
5 the PER database, whether to be separate, or
6 whether to incorporate it into this one.

7 Currently -- probably a separate
8 kind of database, since that is a different
9 type of activity than the kinds of
10 programmatic issues that we address in our
11 standard Subcommittee meeting.

12 That is about it for our March
13 22nd meeting.

14 CHAIRMAN MELIUS: Okay. Thank
15 you, Wanda. Any Board Members that have
16 questions for Wanda?

17 Okay. Any other Board Members
18 that would like to report on their
19 Subcommittees or Work Groups?

20 MEMBER ANDERSON: This is Andy. I
21 would just say the 6001 Committee or Work
22 Group is going to meet on May 16th, and it

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1 looks like we've got the -- we will have the
2 information we need, so we're good to go.

3 CHAIRMAN MELIUS: Oh, excellent.
4 Good. Yes, I understand a couple of meetings
5 got postponed because of the threatened
6 shutdown?

7 MEMBER ANDERSON: Yes, exactly.

8 CHAIRMAN MELIUS: Having gone
9 through that in the past --

10 MEMBER ROESSLER: Jim, this is
11 Gen.

12 CHAIRMAN MELIUS: Yes, go ahead,
13 Gen.

14 MEMBER ROESSLER: An update on
15 Linde.

16 CHAIRMAN MELIUS: Okay.

17 MEMBER ROESSLER: We have a Work
18 Group meeting set for July 7th in Cincinnati
19 for the morning, 9:00 to 12:30.

20 This will be to begin evaluation
21 of SEC 154, which is the Linde period November
22 1st, 1947 through December 31st, 1953.

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1 We have the Evaluation Report that
2 came out in November, and I have a note here
3 from SC&A, and Steve can update me if there
4 are any changes on this, saying that SC&A is
5 aiming to produce a report on the ER by the
6 end of May. And this will leave time for
7 NIOSH to comment and for the Work Group to
8 discuss the issues at our meeting in July.

9 CHAIRMAN MELIUS: Okay.
10 Excellent. Good. Any questions for Gen on
11 Linde?

12 I'd almost forgotten we had
13 another petition there, so.

14 Any other Work Group or
15 Subcommittee Chairs that wish to report?

16 MEMBER ZIEMER: Dr. Melius --

17 CHAIRMAN MELIUS: Yes.

18 MEMBER ZIEMER: -- Paul Ziemer
19 here. I'll just report briefly. It's sort of
20 a non-report, but General Steel Industries and
21 really TBD-6000 and the General Steel
22 Industries petition, we have not yet scheduled

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1 a Work Group meeting because of lack of work
2 product.

3 I know that NIOSH, in combination
4 with all the other priorities as well as the
5 threatened shutdown of the government, things
6 may be a little behind schedule. But we have
7 a promised work product called The Path
8 Forward, a work product that we're awaiting.

9 And as soon as that is available
10 and SC&A has an opportunity to review it, we
11 will schedule our next Work Group. But we've
12 been six months waiting for a product, so.

13 CHAIRMAN MELIUS: Okay.

14 MEMBER ZIEMER: So just for the
15 record to let you know that we're concerned
16 about the priorities and ability to get
17 product available for Work Group actions, and
18 I think it's not just us, but there's many,
19 many groups have similar issues because it's a
20 lot of different sites that require action,
21 and it's a big effort.

22 CHAIRMAN MELIUS: Yes. Yes, I

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1 don't know, Stu, if you have any comments on
2 that, or --

3 MR. HINNEFELD: Well, this is Stu.

4 I would just comment that we are
5 reconfiguring priorities internally in order
6 to try to get somebody -- more time on GSI.

7 CHAIRMAN MELIUS: Okay. Thanks.

8 MEMBER BEACH: Jim, this is Josie.

9 I'll go ahead and report on Brookhaven
10 National Lab. We're going to share the July
11 7th work date. We're going to have our
12 meeting on half the day with Linde.

13 CHAIRMAN MELIUS: Okay.

14 MEMBER BEACH: So, both of us,
15 since we only had a half a day scheduled.

16 And Mound, I'm waiting for work
17 product also. There are three pretty large
18 reports that I'm waiting for and working with
19 NIOSH to see when those are going to be out,
20 so.

21 CHAIRMAN MELIUS: Okay.

22 MEMBER BEACH: I hope to be able

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1 to schedule Mound before the August meeting,
2 but we'll see how that goes.

3 CHAIRMAN MELIUS: Okay.

4 MEMBER RICHARDSON: Dr. Melius --

5 CHAIRMAN MELIUS: Yes?

6 MEMBER RICHARDSON: -- this is
7 David Richardson.

8 CHAIRMAN MELIUS: Okay, Dave.

9 MEMBER RICHARDSON: Mark Griffon
10 chaired the Dose Subcommittee meeting, but I
11 think he's not on the line.

12 Mark, are you?

13 So I'd be happy to give a little
14 summary of where we stand.

15 CHAIRMAN MELIUS: Yes, that would
16 be good. Thanks, Dave.

17 MEMBER MUNN: Good. I was hoping
18 you were going to do that, David.

19 MEMBER RICHARDSON: We met on
20 Monday, April 18th. And if someone can help
21 me with the recollection, we proceeded through
22 -- I believe it was the 7th and 8th set of the

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1 review of the doses.

2 MEMBER MUNN: That's correct.

3 MEMBER RICHARDSON: And we made
4 good progress through those. We managed to
5 resolve a number of issues. And some of them
6 are still pending further work by either NIOSH
7 or SC&A.

8 We've scheduled a next meeting,
9 very quickly, for May 6th, on Friday, and it
10 will be kind of a fact-finding mission, a walk
11 through of the ORAU contractor and also of
12 NIOSH to go through and walk through the
13 process of how the dose reconstruction process
14 is operating, and partly to collect
15 information on -- help some of the Committee
16 Members, including myself, get a better
17 understanding of the process and get some
18 insights into some issues that might impact on
19 kind of quality assurance or quality control.

20 We had a discussion of the -- kind
21 of finalizing the report for the first 100
22 dose records review, and there -- I think the

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1 field trip kind of overlaps with kind of the
2 one outstanding issue there, which is to see
3 whether we can incorporate into that report
4 some suggestions for not simply documenting
5 kind of where we've identified problems, but
6 suggestions about kind of how processes might
7 be revised.

8 And we would like to do that by
9 getting kind of a really contemporary
10 understanding of what's happened, not how --
11 some of the processes have changed since the
12 time that the dose reconstructions were done.

13 Some of these are very old cases.

14 CHAIRMAN MELIUS: Right.

15 MEMBER RICHARDSON: So we want to
16 get kind of an up-to-date understanding, and
17 then hopefully finalize that report with
18 suggestions that would be useful today. So.

19 CHAIRMAN MELIUS: Good. Okay.

20 MEMBER GIBSON: Dr. Melius?

21 CHAIRMAN MELIUS: Yes.

22 MEMBER GIBSON: This is Mike.

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1 I've had some email and phone call
2 correspondence with Weldon Spring folks,
3 wondering when the next meeting's going to be.

4 So just for the record, DCAS has
5 committed to having a meeting May the 9th in
6 Cincinnati.

7 CHAIRMAN MELIUS: Okay.

8 MEMBER GIBSON: So they'll have
9 that information. Thanks.

10 CHAIRMAN MELIUS: Okay, great.
11 And obviously, that will be -- that update on
12 that is on the draft agenda for our May
13 meeting in St. Louis, and I expect we'll hear
14 from the petitioners and some of the claimants
15 from Weldon Spring at that meeting, so that's
16 timely. I'm glad you got that worked out,
17 Mike.

18 MEMBER GIBSON: Okay. Thanks.

19 MEMBER BEACH: And Jim, this is
20 Josie. I'll go ahead and report that LANL has
21 a Work Group meeting scheduled for May 2nd in
22 Cincinnati.

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1 Our last Work Group meeting was
2 November 3rd, last year, and those updates
3 have come in from NIOSH for our Work Group
4 meeting.

5 And then Pantex, I believe, is
6 still scheduled for May 3rd, also in
7 Cincinnati.

8 CHAIRMAN MELIUS: Okay. And I can
9 probably, since Phil's not on the line, I know
10 that the -- believe that the Idaho INL Work
11 Group is scheduled for, I believe it's the end
12 of June? Is that the 21st or 20th?

13 MEMBER BEACH: 21st.

14 CHAIRMAN MELIUS: The 21st, and I
15 believe the --

16 MEMBER BEACH: Gaseous Diffusion?

17 CHAIRMAN MELIUS: Yes.

18 MEMBER BEACH: It's July 6th.

19 CHAIRMAN MELIUS: Okay. Good.

20 Thank you, Josie.

21 MEMBER ZIEMER: This is Ziemer.

22 Could I ask a question here?

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1 Josie, did you say Mound was May
2 2nd?

3 MEMBER BEACH: No, no, no. LANL
4 is May 2nd.

5 MEMBER ZIEMER: Okay. Thank you.

6 MEMBER BEACH: Mound is -- Mound
7 we're still waiting for --

8 MEMBER ZIEMER: Yes, okay.

9 MEMBER BEACH: -- NIOSH's report.

10 MEMBER ZIEMER: Yes, I didn't
11 quite -- I had a little break in the reception
12 here. I didn't quite catch what was May 2nd.
13 Thanks.

14 MEMBER ANDERSON: Do we have a new
15 date for BNL, or no?

16 MEMBER BEACH: BNL is July 7th at
17 this time in the afternoon.

18 MEMBER ANDERSON: Okay. That's
19 right. Got it.

20 MEMBER BEACH: Although, there is
21 -- I don't know if -- Ted, there are some
22 issues with hotels there. I don't know if

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1 Zaida had talked to you about that or not, so
2 I was a little leery.

3 MR. KATZ: No, I haven't heard a
4 thing about a problem with hotels.

5 MEMBER BEACH: Okay. It was just
6 -- they were booked up and couldn't give me a
7 room in July for those two meetings, so.

8 MS. BURGOS: Josie, this is Zaida.
9 I'm still working with my point of contact at
10 the hotel.

11 MEMBER BEACH: Oh, okay.

12 CHAIRMAN MELIUS: Good. Any other
13 Work Group updates?

14 I'll just add one thing because
15 Mark's not on, is that Stu and I have had some
16 correspondence about trying to sort of figure
17 out where the NIOSH schedule is for reports on
18 Savannah River.

19 So this correspondence was early
20 this week, so Stu's going to get back to me
21 and said that he would follow up. So
22 hopefully we'll be able to pin down our

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1 schedule on Savannah River also.

2 DR. MAKHIJANI: Dr. Melius, this
3 is Arjun. May I give an update since Mark is
4 not on the line?

5 CHAIRMAN MELIUS: Yes, go ahead.

6 DR. MAKHIJANI: We sent our review
7 -- SC&A sent our review of the 1965 to `71
8 thorium dose reconstruction report of NIOSH to
9 the Work Group, I think about a week or ten
10 days ago.

11 CHAIRMAN MELIUS: Okay.

12 DR. MAKHIJANI: And so that has
13 been done. It's a pretty major item, and we
14 had promised a revision 1 of our review of the
15 addendum to the Evaluation Report.

16 And that has been completed, and
17 it is now -- I believe at DOE for review or in
18 typesetting. But it should soon be delivered
19 to the Work Group, probably in less than two
20 weeks.

21 CHAIRMAN MELIUS: Okay. Thank
22 you, Arjun.

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1 DR. MAKHIJANI: You're welcome.

2 CHAIRMAN MELIUS: And then, I know
3 Brad isn't on, but Ted, is there a Fernald
4 Work Group meeting scheduled, or --

5 MR. KATZ: This is Ted. There's
6 not another Work Group meeting scheduled. We
7 just had one.

8 CHAIRMAN MELIUS: Oh, okay.

9 MR. KATZ: We just had one on
10 Tuesday, and the Work Group will be reporting
11 to the Board at this May meeting on Fernald.

12 CHAIRMAN MELIUS: Okay. Good. I
13 knew something was happening on Fernald.
14 We've got a lot of Work Groups, so it's hard
15 to keep track of them all.

16 Any other Work Group updates?

17 And then, John Mauro, do you have
18 any information you wish to share with the
19 Board regarding your activities or anything
20 else, updates that might be useful? You're
21 not required to, so.

22 DR. MAURO: No, I really don't. I

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1 think that all of the Work Group summaries, it
2 basically -- we're very much involved in all
3 of these activities, and trying to keep our
4 work products -- you know before the Work
5 Groups as timely as we can. So I really have
6 nothing new to offer.

7 CHAIRMAN MELIUS: Okay. Good.
8 Okay. Thanks.

9 Next item on our agenda is Board
10 correspondence, and I don't believe we have
11 anything under this.

12 Ted, am I missing something? Ted,
13 are you there?

14 MR. KATZ: I'm sorry. Am I on
15 now, or am I on mute?

16 CHAIRMAN MELIUS: Yes, you are
17 now. You must have been on mute.

18 MR. KATZ: Sorry. No, we don't --
19 we had correspondence on -- from [identifying
20 information redacted] on GSI, but it was sent
21 to the Board and to the TBD-6000 Work Group,
22 and Paul responded to it, so I think we're

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1 clear.

2 CHAIRMAN MELIUS: Okay. Good.
3 Last item on our agenda then is the May Board
4 meeting agenda.

5 And Ted, I think, circulated a
6 draft agenda to the Board, either earlier this
7 week or over the weekend. And I don't know if
8 there were any comments or questions from
9 Board Members?

10 MEMBER MUNN: No, not from here.

11 CHAIRMAN MELIUS: Okay. Anybody
12 -- I have one suggestion. I've actually
13 talked to Ted about and emailed to Lew also,
14 in -- since we already have some discussion on
15 the 10-Year Review, NIOSH review of the
16 program on the agenda, one of the reports that
17 I became actually aware of at our last meeting
18 and have reviewed since that time is the
19 quality of science report, and the quality of
20 science report basically focuses on two areas.

21 One is the surrogate -- use of
22 surrogate data, and the second is the coworker

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1 models used in the program for dose
2 reconstruction. And the surrogate data, I
3 think we sort of caught up with the people
4 doing the review during the time period,
5 during the time period of the review, so I
6 don't think it has as many implications.

7 But the recommendations and
8 conclusions on the coworker section do have
9 some implications in terms of the current
10 practices and so forth.

11 And one thing I thought would be
12 helpful would be to have a -- if it's possible
13 to get a presentation to the Board of that, at
14 least that part of the quality of science
15 report so that we can have discussion.

16 Remember, from our last meeting,
17 Jim Neton did a presentation on sort of what
18 the current status of NIOSH's coworker model
19 approach was. But at that time, I don't think
20 Jim -- in fact I know Jim was not aware of
21 this review. It had just literally been
22 posted on the website and made available.

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1 So I thought that might be helpful
2 to us, and at least, you know, I don't know if
3 we need to try to resolve anything, but I
4 think it is something that would be worthy of
5 discussion.

6 And there's also some broader
7 implications about the recommendations on the
8 science in the program, at least as related to
9 dose reconstruction that might be useful.

10 So I don't know, Lew, if you've
11 had time to think about that, or --

12 DR. WADE: I have had time to
13 think about it, Jim, and I personally think
14 it's a very good idea. I sent an email to the
15 principal author, Doug Daniels, asking as to
16 his availability, and he said he would be back
17 to me today.

18 CHAIRMAN MELIUS: Okay.

19 DR. WADE: I'm assuming given the
20 three-day meeting that it's a good possibility
21 he would be available, but I don't have that
22 confirmed as of this moment.

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1 CHAIRMAN MELIUS: Okay. Good.
2 And I think we have room on the agenda for
3 this, and since LaVon is holding off until
4 August to load us down with 83.14 reviews.

5 MEMBER MUNN: Dr. Melius?

6 CHAIRMAN MELIUS: Yes.

7 MEMBER MUNN: This is Wanda. On
8 our current agenda, we have that discussion of
9 coworker models after the 10-Year Program
10 Evaluation.

11 Would it be more reasonable for us
12 to have that order reversed, or do you see the
13 two so completely removed at this particular
14 juncture?

15 CHAIRMAN MELIUS: I think they
16 would be one agenda item. I don't --

17 MEMBER MUNN: Yes, well --

18 CHAIRMAN MELIUS: There would be
19 some other -- I think Lew would be giving us a
20 presentation and an update on the overall 10-
21 Year Review, and then we would focus on the
22 co-worker.

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1 MEMBER MUNN: Yes.

2 CHAIRMAN MELIUS: The quality of
3 science report, specifically.

4 MEMBER MUNN: Right.

5 MR. KATZ: Right. Wanda, I
6 drafted this and shared it with Jim, but that
7 was before we had our interactions with Lew
8 about this for Doug. So absolutely, what Jim
9 just said.

10 CHAIRMAN MELIUS: Yes.

11 MEMBER MUNN: All righty.

12 DR. WADE: I will let Ted know as
13 soon as I hear from Doug, then.

14 CHAIRMAN MELIUS: Okay. Excellent.

15 Any other comments or suggestions
16 regarding the agenda?

17 MR. KATZ: I have a question, Jim.

18 CHAIRMAN MELIUS: Yes.

19 MR. KATZ: This is Ted. We had
20 talked about, at the Augusta meeting, perhaps
21 having a presentation to the Board.

22 Now, the Procedures Work Group is

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1 working through it, but having a presentation
2 to the Board on OTIB-70, and I'm just curious,
3 we probably have the time to work that in, if
4 that's something we want, even though the
5 Procedures Work Group is dealing with it.

6 And I'll just remind everyone, the
7 Procedures Work Group actually had the Norton
8 SEC, the period that wasn't fully addressed,
9 that was referred to the Procedures Work Group
10 to consider because they're the ones who have
11 been tackling OTIB-70.

12 CHAIRMAN MELIUS: Yes. This is
13 Jim. I would think it would be worthwhile
14 having that, keeping that on the agenda.

15 As much in follow-up, we had
16 considerable discussion of this, at least in
17 terms of examples and some presentation at the
18 last meeting, and I think it would be good to
19 try to bring some closure to that and some
20 further discussion.

21 MR. KATZ: So, Stu, is it possible
22 to arrange for a sort of full-blooded

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1 presentation on OTIB-70 for the full Board?

2 MR. HINNEFELD: Well, I can always
3 say yes because it will fall to Dr. Neton to
4 do it.

5 (Laughter.)

6 MR. KATZ: Is he there to defend
7 himself?

8 MR. HINNEFELD: He introduced
9 himself. He's not storming in the door yet,
10 so --

11 MR. KATZ: Okay. Well, keep it
12 locked, and --

13 (Laughter.)

14 Any other questions about agenda?

15 Any other business for the Board?

16 Okay. Thank you all, and I guess
17 we'll either see you at the Work Group
18 meetings or Work Group calls or, if not, in
19 St. Louis in May.

20 MEMBER MUNN: Very good.

21 CHAIRMAN MELIUS: Thanks.

22 (Whereupon, the above-entitled

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1 matter went off the record at 11:40 a.m.)

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