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NATIONAL INSTITUTE FOR OCCUPATIONAL
SAFETY AND HEALTH

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ADVISORY BOARD ON RADIATION AND
WORKER HEALTH

+ + + + +

97th MEETING

+ + + + +

WEDNESDAY
MARCH 19, 2014

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

PRESENT:

JAMES M. MELIUS, Chairman
HENRY ANDERSON, Member
JOSIE BEACH, Member
BRADLEY P. CLAWSON, Member
R. WILLIAM FIELD, Member
DAVID KOTELCHUCK, Member
WANDA I. MUNN, Member
DAVID B. RICHARDSON, Member
GENEVIEVE S. ROESSLER, Member
PHILLIP SCHOFIELD, Member

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LORETTA R. VALERIO, Member
PAUL L. ZIEMER, Member
TED KATZ, Designated Federal Official

REGISTERED AND/OR PUBLIC COMMENT PARTICIPANTS

ADAMS, NANCY, NIOSH Contractor
AL-NABULSI, ISAF, DOE
BEHLING, HANS, SC&A
BEHLING, KATHY, SC&A
FITZGERALD, JOE, SC&A
HARTSFIELD, DEKEELY, HHS
HINNEFELD, STU, NIOSH
KINMAN, JOSH, DCAS
NETON, JIM, DCAS
PROVECCHIO, JOE, SC&A
RUTHERFORD, LaVON, NIOSH
STIVER, JOHN, SC&A

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

11:01 a.m.

MR. KATZ: So, welcome, everyone, to the Advisory Board on Radiation and Worker Health teleconference. And we are about to do a roll call.

Let me say, it's largely administrative what we are dealing with today. We do have one activity related to some sites, but none of the sites relate to any of the Board Members conflict of interest. So, I'm not going to run through conflict of interest for the Board relating to the matters we are talking about today.

And for folks listening in on the line, there's the agenda for the Board meeting on the NIOSH website, under Board Section, for Meetings, for today's date, so you can see the agenda if you want to follow along.

Okay. Roll call.

1 (Roll Call.)

2 MR. KATZ: Okay, that covers the roll
3 call, and let me remind everyone to mute your
4 phone except when you are talking. If you
5 don't have a mute button, press *6 to mute your
6 phone. Press *6 again to take it off of mute.

7 Dr. Melius, it's your meeting.

8 CHAIRMAN MELIUS: Thank you, Ted.

9 The first issue on the agenda is
10 recording absentee votes.

11 MR. KATZ: Right, thank you. At the
12 last meeting, January 28th Board Meeting, the
13 Board voted, in concurrence with a
14 recommendation from NIOSH, to add another seven
15 months to the Joslyn SEC.

16 And one Member, Dr. Lemen, was absent
17 for that. He recorded his vote, on February
18 1st, in the affirmative. So, that was a
19 unanimous vote by the Board to add that SEC
20 Class.

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1 And that covers absentee votes.

2 CHAIRMAN MELIUS: Okay. That
3 package is about ready to go up to HHS. Or
4 already has, I think. So, good.

5 Okay. The next item I have on the
6 agenda is the tasking Procedure Reviews.

7 So, Wanda? Wanda, are you there?

8 MEMBER MUNN: Oh, yeah, I am. Hold on
9 just a moment. Any report that I make is going
10 to be brief and cursory. I don't have access
11 to either my equipment or to my files. And so
12 I'm going to be very brief in things that I say,
13 especially since the equipment I do have is not
14 responding well either. Hold on just a moment.

15 We have, as most of you are aware, in
16 the Procedures Subcommittee, been most
17 recently involved in a great meeting of the
18 Procedures Review that involved PERs. And one
19 of the primary things that we need to keep track
20 of on a regular basis is what PERs have been

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1 issued, which ones are available for us to
2 assign to our contractor for review. And that
3 is what we have been most recently involved in.

4 What we want to go through today is the
5 list of procedures that we have chosen. To
6 begin with, I want to make sure that all of the
7 people here have seen what was posted on the
8 web. The web has the list of what we have
9 chosen to present to you, and it seems a waste
10 of everyone's time and effort for me to go
11 through those individually, since they have
12 been posted now for a while and you're aware of
13 the ones that we've chosen.

14 Can I get some reassurance from the
15 folks that they have, in fact, gone through the
16 list that we've chosen? There were only two,
17 other than the ones that are shown here, that
18 were being considered at the time. And those
19 two, for various reasons, primarily, because
20 they covered such a small clientele, were

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1 rejected. Also the information, the type of
2 claims that were covered by those two PERs are
3 covered by others as well.

4 So, before I go on, I guess it would
5 be helpful for me if I heard from a couple of
6 the other Members who are present that they
7 have, in fact, taken a look at those.

8 CHAIRMAN MELIUS: This is Jim. I have
9 reviewed it, and have the summary. You have a
10 summary table, and then the individuals one
11 that were sent out.

12 MEMBER MUNN: Yes, that is correct.

13 MEMBER FIELD: Wanda, this is Bill.
14 I've taken a look at it, too, so --

15 MEMBER MUNN: Good. Thank you.

16 MEMBER ROESSLER: This is Gen. I've
17 looked at it.

18 MEMBER ANDERSON: So have I. This is
19 Andy.

20 MEMBER MUNN: Oh, good. All right,

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1 then. I'm going to take it on faith that
2 there's no reason for me to go through these
3 individually. You know which ones we were
4 looking at, and you know which ones we are
5 asking you to approve.

6 We are bringing these to you as the
7 group that we would like to assign to SC&A to
8 continue with their review, and to bring us the
9 results.

10 You have a motion from the
11 Subcommittee for approval.

12 CHAIRMAN MELIUS: We have a motion from
13 the Subcommittee, so I think we will go ahead
14 with discussion. Again, for people who may not
15 have the form in front of you. We'll be
16 recommending an SC&A review of the --

17 MEMBER MUNN: I can go through -- I can
18 name them, if you'd like, for the record, as
19 they are listed in our notations for the group
20 today.

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1 PER-43, internal dosimetry organs,
2 external dosimetry organs, and IREP model
3 selections by ICD-9 code. PER-44,
4 Metallurgical Laboratory. PER-45, Aliquippa
5 Forge. PER-39, Perkins. PER-12 -- excuse me,
6 PER-42, Linde Ceramics, Plant Technical Basis
7 Document. And PER-41, revision to
8 ORAU-OTIB-0006, which is dose reconstruction
9 from occupational and medical X-ray
10 procedures. And, PER-48, Wah Chang.

11 MEMBER KOTELCHUCK: I wonder -- Dave.
12 Could you explain, I don't understand there are
13 two of them, Baker Perkins, et cetera, that you
14 say DRSC does not recommend. I don't quite
15 understand what that note means.

16 MEMBER MUNN: As I commented earlier,
17 Dave, the reason we did not choose those is
18 because there was such a small number of
19 individuals involved, and in each case the type
20 of activities that were involved here are well

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1 covered in other types of PERs that we are
2 looking at.

3 MEMBER KOTELCHUCK: Okay. Thanks.

4 MEMBER MUNN: Yes.

5 MEMBER SCHOFIELD: And, Wanda, could
6 you remind me, the pre-review, what's the
7 difference between a pre-review and a review?

8 MEMBER MUNN: Well, one of the reasons
9 we ask for a pre-review from time to time, is
10 if we have a situation where both the scope of
11 the PER and the type of PER, either have been
12 -- if there's some question as to whether or not
13 it would bring anything of value to us to have
14 them reviewed. In other words, have they been,
15 for some reason, scrutinized in other ways. Is
16 there some reasons why it might not be worthy
17 of the time of the folks involved to do so.

18 As you are well aware, we are very
19 constricted in availability of personnel and
20 time to do these things. We want to do the ones

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1 that would most illuminate our process. And
2 for that reason, sometimes a pre-review helps
3 us get a response from the contractor as to
4 whether or not they feel that these are things
5 that should be brought to our attention,
6 specifically.

7 If I have fouled that up, John, would
8 you please correct me.

9 DR. STIVER: This is John Stiver.
10 That's a pretty good synopsis of the reason
11 behind it.

12 MEMBER ZIEMER: This is Ziemer. Can I
13 just make a comment?

14 MEMBER MUNN: Certainly.

15 MEMBER ZIEMER: I think what might have
16 been confusing, and to respond to what Dave
17 asked a minute ago, on PER-039 and PER-048, the
18 notation that the DR Subcommittee does not
19 recommend may have been confusing in terms of
20 what we are recommending.

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1 MR. KATZ: Well, to clarify, if that's
2 unclear, it means that the DR Subcommittee, in
3 their own discussions, did not -- not DR,
4 actually. The Procedure Review Subcommittee
5 did not feel like those two were worthwhile to
6 have SC&A review.

7 MEMBER ZIEMER: Right. The confusion
8 may have been that it sounds the motion was
9 recommending all of these -- including the --

10 MEMBER MUNN: I'm sorry, my mistake.
11 My recommendation is the list that is given,
12 with the exception of Wah Chang and Baker
13 Perkins.

14 MEMBER KOTELCHUCK: Very good, thank
15 you.

16 CHAIRMAN MELIUS: So, any further
17 questions or discussion?

18 If not, all in favor say aye.

19 (Chorus of ayes.)

20 CHAIRMAN MELIUS: Opposed?

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1 Any abstaining?

2 Okay. That is passed.

3 Thank you, Wanda, despite being
4 technologically impaired today, you did that
5 very well.

6 So, the next item on our agenda is the
7 SEC Petition status update.

8 LaVon?

9 MR. RUTHERFORD: Okay. Well, we really
10 only plan to talk about two sites at the
11 upcoming April Board Meeting. That's Nuclear
12 Metals, Inc., and that will be, basically, a
13 continuation from a previous evaluation.
14 We'll be doing an addendum for that. It
15 basically covers the period 1980 through 1990.

16 And the other site we hope will be to
17 close out Joslyn. We are working on the
18 surrogate data justification for that now, and
19 I think we have an upcoming Work Group meeting
20 scheduled for Joslyn.

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1 MR. KATZ: We're waiting to --

2 MR. RUTHERFORD: Okay, we're waiting
3 until the surrogate data justification is
4 complete.

5 Okay, but as soon as we have that
6 complete, the Work Group can get scheduled and,
7 hopefully, we can close that out.

8 So, at this time, the only two things
9 that we plan to discuss from the SEC end is
10 Nuclear Metals, Inc., and Joslyn.

11 And that's about it, unless you have
12 any questions.

13 CHAIRMAN MELIUS: Okay. Any
14 questions for LaVon?

15 (No response.)

16 Okay. The next item we have on the
17 agenda is updates from Work Groups and
18 Subcommittees.

19 I can start off by reporting the SEC
20 Evaluation Work Group will be having a meeting,

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1 I believe it's April 7th, a conference call. We
2 are going to be reviewing -- we have an SC&A
3 review on the one-person one-sample issue,
4 with, actually, some other statistical issues.

5 And we have a report from Jim Neton
6 that sort of -- I think we had talked last time
7 about the whole issue of -- I forget even what
8 we are calling it -- I guess the dose that would
9 make any significant difference, or
10 substantial difference in dose reconstruction.
11 He presented some of the preliminary
12 information, but now he will report on that.
13 So we will be discussing that also at the Work
14 Group meeting on April 7th.

15 Anybody else have an update they'd
16 like to make?

17 MEMBER BEACH: This is Josie. I'm
18 going to do a quick report on Kansas City.

19 CHAIRMAN MELIUS: Okay.

20 MEMBER BEACH: A small group of us are

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1 here in Germantown reviewing classified
2 documents this week. We are working to set up
3 a site visit for early May, and also a Work Group
4 for early June. Those dates have been sent out
5 for people to accept or decline as they will.

6 That's the only Work Group I have to
7 report on today.

8 CHAIRMAN MELIUS: Okay. Anybody
9 else?

10 MEMBER SCHOFIELD: This is Phil. We've
11 got a Work Group meeting for INL next week. And
12 then Dr. Hughes, for the court reporter, she
13 sent out a short update for Santa Susana Field
14 Lab. They are working on the issue matrix, and
15 that looks like when that's done and resolved
16 and they will send it out to everybody.

17 Coworker models also is still in the
18 developmental stage.

19 That's all we've got to report.

20 MEMBER KOTELCHUCK: Dose Response

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1 Subcommittee -- excuse me again, I've done this
2 before -- Dose Reconstruction Subcommittee.

3 We are meeting back-to-back on April
4 1st and 2nd. As some of you know, our scheduled
5 meeting on February 6th had to be postponed for
6 lack of a quorum, because of OGE 450 and
7 paperwork. So, not everybody could attend.
8 So, we are having two back-to-back.

9 So, I don't have an update on this, but
10 we decided, with Jim Melius' concurrence, to do
11 a Set 19, to choose cases from Set 19, so that
12 the SC&A people could get working.

13 I know I sent mine in. Ted, I didn't
14 have an update from you as to whether we have
15 enough -- whether choices have been made yet for
16 Set 19 to instruct SC&A.

17 MR. KATZ: Thanks, Dave, this is Ted.
18 I have input from most of the Subcommittee
19 Members, and I have one still outstanding. But
20 that should get done pretty quickly I hope.

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1 And, if need be, I'll just move it forward
2 without all the input.

3 MEMBER KOTELCHUCK: Okay, good.

4 CHAIRMAN MELIUS: Thanks, Dave.
5 Anybody else have reports?

6 MEMBER CLAWSON: Yeah, this is Brad.
7 Just to speak about Fernald a little bit. We
8 are still trying to set up a Work Group to start
9 going over the Site Profile issues. We've had
10 a letter come in to us, and we've got kind of
11 a technical call to be able to address that
12 letter coming up. That's all I've got to
13 report on it.

14 CHAIRMAN MELIUS: Okay, thanks, Brad.
15 Anybody else?

16 (No response.)

17 Okay, thank you. Let me just address
18 -- actually, there's that letter and another
19 letter. We all received a copy of the letter
20 regarding Fernald raising some issues about the

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1 time period for the SEC. And, as Brad just
2 said, the Work Group is setting up a
3 meeting/call to discuss that.

4 And, as discussed, the person who sent
5 in the letter has been notified that that is the
6 plan and that is going on. So, we addressed
7 that letter.

8 We also received another letter
9 regarding the Pinellas site, raising a number
10 of issues. This is the letter that was sent
11 jointly to, I think, Dr. Howard, Stu Hinnefeld
12 and the Advisory Board. There may be others on
13 that. And that came in, I think, last week or
14 the week before.

15 We are currently waiting on -- it
16 primarily addressed some issues regarding the
17 NIOSH and DCAS. So before the Board responds,
18 I think we need to wait and let the NIOSH do the
19 initial response on that. So, I'll keep
20 everybody informed on that.

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1 The last item I have on the agenda is
2 the plans for the April and July Board Meetings.
3 Let's start with April. Ted?

4 MR. KATZ: Sure. So, I've drafted up
5 a very preliminary agenda for the meeting, and
6 what seems quite clear from doing that is that
7 we can meet in a day. We don't need the second
8 day. So we would be meeting on April 29th.
9 That's Tuesday, April 29th. We need a full day
10 for that, so plan on staying through the end of
11 the day. The public comment session right now
12 I have slated for around 5:00-5:15 through
13 6:15. So, I'm not sure you'll be able to get
14 out, considering a lot of you would have to
15 travel through Atlanta, too, to be able to get
16 out that evening.

17 And that agenda -- I mean, the
18 non-routine items on there include the coworker
19 dose modeling agenda item that we've carried
20 now for several meetings, Nuclear Metal

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1 Industries, that SEC, and then Joslyn. We plan
2 on having a session on Joslyn. So, hopefully,
3 we can close out consideration of that SEC
4 petition.

5 We'd also have, towards the end of the
6 day, before the public comment session, we have
7 right now an hour slated for the Savannah River
8 Site SEC Work Group update.

9 How that develops just sort of depends
10 on the upcoming SEC Issues meeting in part, but
11 that's what I have on there for now.

12 MEMBER ANDERSON: How long a drive is
13 it from Augusta to Atlanta?

14 MR. KATZ: I'm sorry, what was the
15 question? How far is it?

16 MEMBER ANDERSON: Yeah, how long a
17 drive, if we can't get a late flight out of
18 Atlanta.

19 MEMBER CLAWSON: It's an hour and
20 twenty-five.

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1 MR. KATZ: Yeah, it's about an hour and
2 a half.

3 MEMBER ANDERSON: Okay, I got it.
4 Thanks.

5 MR. KATZ: You can also get, you know,
6 a puddle hopper if you want to do that.

7 MEMBER ANDERSON: Yeah.

8 CHAIRMAN MELIUS: Then you get to
9 sprint through Hartsfield.

10 MR. KATZ: Yes, exactly.

11 MEMBER ANDERSON: Right, exactly.

12 MR. KATZ: It all depends on how you
13 want to get your exercise.

14 CHAIRMAN MELIUS: Puddle jumpers
15 always end up as the farthest gate away. And
16 always late.

17 Just to clarify one thing that Ted
18 just added, which I had neglected to mention.
19 It's also clear from some of the recent Savannah
20 River Work Group meetings that in order to

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1 address at least some of the issues at Savannah
2 River, which are largely coworker model issues,
3 we need to sort of move along on some of the more
4 general coworker model issues.

5 So, trying to schedule the SEC
6 Evaluation Group to be a little bit more general
7 as to I guess what's referred to as, you know,
8 the one-person one-sample issue, but some of
9 the general statistical issues related to
10 coworker models. They do tie together, and
11 hopefully we can make progress if not resolve
12 the issues on the coworker models, but also make
13 progress on Savannah River.

14 July Board Meeting, Ted?

15 MR. KATZ: Right. And July -- I don't
16 have the date in front of me -- I believe the
17 29th and 30th we have slated. Whether we need two
18 days or not is a question at this point.

19 But the one item I thought we might
20 chat about is whether anyone has good ideas for

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1 where to locate that meeting. So, I don't
2 know, Jim, if you want to start off that
3 conversation.

4 CHAIRMAN MELIUS: Yeah, Ted and I went
5 back and forth on trying to figure out a site
6 that we might select, and I think up until now
7 largely the criteria has been either we have a
8 new SEC petition at a site, or a new SEC Petition
9 Evaluation Report for NIOSH to address that, or
10 we have another SEC petition where we are
11 farther along and either are trying to finish
12 it up or further along at the site.

13 Now we are basically getting into the
14 -- I think we are at a point where we are trying
15 to get more progress on a number issues at a
16 site, which I think it's harder to decide where
17 to go and where we will get input from.

18 I put up for the July meeting as a
19 suggestion the Lawrence Berkeley site. We
20 haven't been out there for a while. There was

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1 activity from the Work Group, but with the idea
2 that we'd go there because we needed input on
3 sort of Site Profile issues from, you know,
4 hopefully we would get from people working
5 there or people familiar with the site.

6 You know, that may not be the only one
7 where that would be helpful, but we have to sort
8 of try to think, you know, we choose a site where
9 it would help us move forward on the site to get
10 some input from the people at the site.

11 I mean, I know there are examples in
12 Augusta where we've had issues with how well do
13 the employment records, or the other dose
14 monitoring records, like where people actually
15 work, are they complete and comprehensive?
16 So, getting input from people at the site I
17 think is helpful in that regard. I think we had
18 good input at the Kansas City site, which was
19 our last one. I don't know if people have other
20 suggestions for location, or thoughts.

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1 MEMBER MUNN: This is Wanda. I think
2 your suggestion of Lawrence Livermore is a
3 particularly good one, and appropriate for that
4 time, if it's amenable with others.

5 MEMBER ZIEMER: Actually, it was
6 Lawrence Berkeley that was the site of concern,
7 and we thought initially we would have enough
8 materials to go ahead, but it turns out that
9 there's quite a bit to do. And I think NIOSH
10 is going through a lot of data now. Jim Neton
11 may want to update us on that a little bit. But
12 the indication is we won't be ready to fully
13 handle all the issues on the Site Profile, which
14 is what we would have to be looking at. I don't
15 think there's SEC petition in process right now
16 for Lawrence Berkeley, if I recall correctly.

17 But we do have some White Papers that
18 have yet to be dealt with, that have been
19 reviewed by SC&A as well, but there's a lot of
20 material yet being gathered for Lawrence

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1 Berkeley. Jim Neton, do you have any comments
2 on this? I think that probably July is going
3 to end up being too early to really hit that site
4 fully in terms of the Site Profile.

5 DR. NETON: Yes, Dr. Melius, this is
6 Jim. We are looking at the Lawrence Berkeley
7 -- if you recall, we added 8314 at Lawrence
8 Berkeley some time in 1960, and it was concluded
9 -- we had added an extension date. So, if we
10 are going to add another class we would have to
11 go through the 8314 process again.

12 Right now, we are going through the
13 data to see, in light of what we've done in other
14 SECs, whether or not we can actually
15 reconstruct all of the internal doses for the
16 myriad of radionuclides that were present at
17 the site, you know, in the late >60s and early
18 >70s.

19 We have a lot of data, we have a lot
20 of bioassay, and we are just trying to look

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1 through it, and I don't think we'd be ready at
2 the July meeting.

3 At this point, we only have five
4 active claims in process at Lawrence Berkeley
5 as well. So, there may not be a lot of interest
6 there, in general.

7 CHAIRMAN MELIUS: To me, the latter is
8 more important. My point is, that in previous
9 Site Profile issues -- I don't think it's the
10 type of SEC where we're trying to reach closure,
11 you know, or whatever and we are focusing on one
12 or two issues. These are general issues. And
13 I think the question is, can we get input as we
14 are, you know, going through these issues,
15 which may take time. There may not a single
16 closure point like there is with the SECs.
17 And, you know, where is there an issue where we
18 would like to get some additional information
19 from people at the site?

20 If there's not a lot of interest in

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1 claims, I think that might argue we might not
2 get input at that particular site. It's always
3 hard to predict who will be there. Maybe it
4 generates more interest.

5 I just think we need to think about
6 them little differently than if we were having
7 an active SEC at a site, where it's sort of a
8 single closure point and we tend to be more
9 focused on one or two issues.

10 MR. KATZ: Jim, this is Ted. I'm
11 just -- I'm here with Brad and Josie and just
12 chatting about whether, actually, that logic of
13 trying to sort of shake the trees for
14 information wouldn't point to -- Idaho actually
15 is a good site, because given the data captures
16 that are ongoing right now, that Bomber's
17 involved here. He's up here at Germantown
18 doing that just now. But that might be a site
19 if we can sort of rally people to come to the
20 meeting and provide that kind of input, that

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1 might fit the bill.

2 MEMBER CLAWSON: Plus it's July and you
3 guys won't be snowed in.

4 CHAIRMAN MELIUS: Yeah, I'm in
5 Washington, D.C. and there's snow on the ground
6 from Sunday and Monday. So, I'm not sure I
7 believe you, Brad.

8 MEMBER CLAWSON: We don't have any
9 snow, Jim. It's been in the 50s.

10 MR. KATZ: But you will in July.

11 (Laughter.)

12 CHAIRMAN MELIUS: No, I think Idaho
13 would be another -- that's another choice.

14 MEMBER SCHOFIELD: This is Phil. I was
15 going to also say that we might have enough
16 information by then for a Santa Susana Field
17 Lab, to allow some of those folks to come speak
18 to us.

19 CHAIRMAN MELIUS: We ought to see that
20 area at some point.

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1 MEMBER MUNN: I just don't have any
2 feel at all as to how that Santa Susana process
3 is falling together. It's difficult for me to
4 assess anything.

5 MEMBER SCHOFIELD: It's actually
6 starting to come together pretty good.

7 DR. NETON: This is Jim. I could
8 comment on that. We have completed the
9 coworker model. If you recall, we went back
10 and obtained the hard drive which contained all
11 of the electronic images of the bioassay data
12 from Santa Susana. And that effort was just
13 released, I think, early this week. So, SC&A
14 would be in a position to take that coworker
15 model and evaluate it for completeness and
16 accuracy and adequacy.

17 That is for them one of the biggest
18 hold ups -- that has been the biggest hold up
19 at Santa Susana, but that's just getting
20 underway with the SC&A review.

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1 So, I don't know, there are three or
2 four other open items on there, but we've been
3 waiting for the coworker model to be finished
4 before we evaluated remaining issues which
5 relate to the neutron measurements, and I think
6 the external dosimetry database has some issues
7 as well.

8 There are two or three issues out
9 there, the biggest of which is the coworker
10 model evaluation.

11 MEMBER MUNN: Do we have any feel for
12 what the contractor -- where the contractor is,
13 with respect to the schedule on Santa Susana?

14 MR. KATZ: Well, the contractor hasn't
15 had a chance yet.

16 MEMBER MUNN: I understand that they
17 don't have anything, but -- all right.

18 MR. KATZ: This is Ted. I'm just
19 thinking that Santa Susana might be a better
20 target for the fall meeting, given where it

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1 stands now. Plus, if you consider weather, and
2 you don't want to go to Idaho in the fall, if
3 you want to try to get information from people
4 from the site from Idaho, it makes sense to go
5 there in the summer.

6 MEMBER BEACH: Well, Idaho is a bit
7 farther along, too.

8 CHAIRMAN MELIUS: We've got a one week
9 window where we can visit.

10 (Laughter.)

11 MR. KATZ: Exactly right.

12 MEMBER MUNN: Well, at least it isn't
13 all on a Thursday.

14 CHAIRMAN MELIUS: It's like the
15 Antarctic, you know, you can fly in and fly out
16 for one week.

17 MEMBER CLAWSON: You guys are hurting
18 me.

19 MEMBER ZIEMER: Brad volunteered his
20 snowmobiles just in case.

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1 CHAIRMAN MELIUS: Pick us up at the
2 airport in Salt Lake and drive us in.

3 Why don't we do this? We have an
4 Idaho Work Group next week, I'll have a better
5 idea. And we have at least three sites to
6 consider in the schedule, and why don't we see
7 what we draw up next week and then go ahead.

8 MR. KATZ: Yeah, I think that's a good
9 plan, Jim. So, we'll wait for that Work Group
10 meeting, and then I'll need to make a choice
11 quickly so that we can start moving the
12 machinery for the next site.

13 CHAIRMAN MELIUS: Any other Board
14 issues? If not --

15 DR. STIVER: This is John Stiver. If
16 I could just add one thing. At the Procedures
17 meeting in February, there was some talk about
18 possibly establishing a work group at the
19 Pacific Proving Grounds, or whether it might be
20 better to try to do that within Procedures or

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1 some other venue.

2 And, according to my notes, this is
3 something we wanted to bring up to the Board
4 now. I know Wanda doesn't have access to her
5 computer at this point, but Ted might want to
6 talk about that a little bit before we close
7 out.

8 MEMBER MUNN: Thank you, John, I
9 appreciate that.

10 MR. KATZ: John, what exactly it is
11 that you'd like me to talk about?

12 DR. STIVER: Kind of bring up the idea
13 of whether we need to establish a working group
14 for the Pacific Proving Grounds review.
15 There was some talk in Procedures whether it
16 would be best to try to do it within the
17 Procedures Subcommittee or possibly establish
18 a separate work group.

19 I know, as I recall, Stu indicated
20 that they might not be able to really be able

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1 to have a separate work group for any period of
2 time, or he might not be able to get that
3 particular piece of work for some time

4 But I just wanted to put it out there
5 for discussion.

6 MR. KATZ: I think Stu's issue is not
7 about a work group or not a work group, it's just
8 about whether he has the resources from ORAU to
9 staff work on Pacific Proving Grounds at this
10 point.

11 DR. STIVER: Right.

12 MR. KATZ: I think that's the issue
13 there. So, the issue with whether there's a
14 work group needed or not, relates to, I think,
15 the Site Profile review?

16 DR. STIVER: Right.

17 MR. KATZ: So, that's done. It's
18 sitting around, in effect.

19 CHAIRMAN MELIUS: Let's deal with this
20 at the Augusta meeting, when we can get more

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1 information. It's a little hard to do this when
2 most of us haven't heard about this.

3 MEMBER MUNN: We will review the
4 minutes and if there's an issue we'll discuss
5 it at Procedures' upcoming meeting in April.

6 CHAIRMAN MELIUS: Well, that may be
7 fine, but I think it's also, you know, a Board
8 issue. So, let's talk about it at the Board
9 meeting.

10 MEMBER MUNN: That's fine.

11 MR. KATZ: Okay, great.

12 CHAIRMAN MELIUS: Thanks, everybody.
13 We'll see you in Augusta.

14 (Whereupon, the above-entitled
15 matter was concluded at 11:42 a.m.)

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