

This transcript of the Advisory Board on Radiation and Worker Health, Teleconference Board Meeting, has been reviewed for concerns under the Privacy Act (5 U.S.C. § 552a) and personally identifiable information has been redacted as necessary. The transcript, however, has not been reviewed and certified by the Chair of the Advisory Board for accuracy at this time. The reader should be cautioned that this transcript is for information only and is subject to change.

UNITED STATES OF AMERICA

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ADVISORY BOARD ON RADIATION AND
WORKER HEALTH

+ + + + +

89th MEETING

+ + + + +

THURSDAY, FEBRUARY 7, 2013

The meeting convened
telephonically at 11:00 a.m., Eastern Time,
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
RICHARD LEMEN, Member
JAMES E. LOCKEY, Member
WANDA I. MUNN, Member
JOHN W. POSTON, SR., Member
DAVID B. RICHARDSON, Member
GENEVIEVE S. ROESSLER, Member
PHILLIP SCHOFIELD, Member
LORETTA R. VALERIO, Member
PAUL L. ZIEMER, Member
TED KATZ, Designated Federal Official

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REGISTERED AND/OR PUBLIC COMMENT PARTICIPANTS

ADAMS, NANCY, NIOSH Contractor
AL-NABULSI, ISAF, DOE
BARRIE, TERRIE
FITZGERALD, JOE, SC&A
HINNEFELD, STU, DCAS
KOTSCH, JEFF, DOL
LIN, JENNY, HHS
MAKHIJANI, ARJUN, SC&A
McKEEL, DAN
NETON, JIM, DCAS
OSTROW, STEVE, SC&A
RAMSPOTT, JOHN
RUTHERFORD, LAVON, DCAS
STIVER, JOHN, SC&A
WARREN, BOB

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

2 (11:00 a.m.)

3 MR. KATZ: This is the Advisory
4 Board on Radiation and Worker Health
5 teleconference. Let's get started with roll
6 call, Board Members.

7 (Roll Call.)

8 MR. KATZ: Okay. The agenda for
9 the meeting is posted on the NIOSH website
10 under the Meeting section and Jim, it's your
11 meeting.

12 CHAIRMAN MELIUS: Yes, and I
13 guess I, according to the agenda, I get to
14 say welcome and then I turn the agenda back
15 over to you for recording the absentee,
16 absent member votes from the December
17 meeting.

18 MR. KATZ: Exactly. Okay, thank
19 you. So, we had five petitions at the
20 December meeting that we voted and acted on
21 and we had a number of absentee members, a
22 different number for different votes but, I

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1 am going to register those votes now all and ⁵
2 I think in order.

3 For Hanford -- and the votes were
4 completed on January 7th, 2013. So, for
5 Hanford, the final vote was 14 to 1. The one
6 opposed being Gibson to deny the petition.
7 And Battelle it was unanimous to approve the
8 petition. For GSI it was 9 to 8 to deny the
9 petition. And the yeas were Anderson, Field,
10 Griffin, Lockey, Melius, Munn, Poston
11 Roessler and Ziemer. And the nays were
12 Beach, Clawson, Gibson, Kotelchuck, Lemen,
13 Richardson and Schofield and Valerio.
14 Joslyn, the final vote was unanimous to
15 approve the petition for a limited Class and
16 the Board will continue to consider the
17 remainder of the petitioning Class. And for
18 Baker Brothers, the same, unanimous. The
19 Board is going to consider the remainder of
20 the petitioning Class. And that covers all
21 the votes. And I think Dr. Melius will read
22 the letter into the record, as we do

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1 traditionally.

2 CHAIRMAN MELIUS: Yes. This is
3 the letter on GSI, which we, is pretty
4 standard, but I'll read it into the record
5 relatively quickly. The Advisory Board on
6 Radiation and Worker Health, The Board, has
7 evaluated Special Exposure Cohort petition
8 00105 concerning workers at General Steel
9 Industries in Granite City, Illinois under
10 the statutory requirements established by the
11 Energy Employees Occupational Illness
12 Compensation Program Act of 2000 incorporated
13 into 42 CFR 83.13. The National Institute
14 for Occupational Safety and Health, NIOSH,
15 has recommended that individual dose
16 reconstructions are feasible for all
17 individuals who worked in any location, the
18 General Steel Industry site, located on 1417
19 State Street, Granite City, Illinois from
20 January 1st 1953 through, January, excuse me,
21 through June 30th 1966 and/or during the
22 residual radiation period from July 1st 1966

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1 through December 31st 1992. NIOSH has found⁷
2 that it has access to adequate exposure
3 monitoring and other information necessary to
4 do individual dose reconstructions with
5 sufficient accuracy for members of this group
6 and therefore a Class covering this group
7 should not be added to the SEC. The Board
8 concurs with this determination. Based on
9 these considerations and the discussion at
10 the December 11th-12th 2012 Board meeting
11 held in Knoxville, Tennessee, the Board
12 recommends that this Class not be added to
13 the SEC. Enclosed is the documentation from
14 the Board meetings where this SEC Class was
15 discussed, documentation includes copies of
16 the petition NIOSH review thereof and related
17 materials. If any of these items are
18 unavailable at this time they will follow
19 shortly. So again, that pretty much is our
20 standard letter on, for this type of action.

21 MEMBER ANDERSON: Hi, it's just
22 to log me in, this is Andy, I'm sorry I'm a

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1 little late.

2 MR. KATZ: Oh great, welcome

3 Andy. CHAIRMAN MELIUS:

4 Welcome, yes.

5 MEMBER ANDERSON: We lost all of
6 our phones yesterday so I'm on an alternative
7 phone service. Somebody cut the major cable
8 during construction.

9 CHAIRMAN MELIUS: We have some
10 sympathy. A lot of the phone service in
11 lower Manhattan is still out.

12 MEMBER ANDERSON: Yes, I know
13 right.

14 CHAIRMAN MELIUS: Anyway, we are
15 glad you reconnected.

16 MEMBER ANDERSON: Okay.

17 CHAIRMAN MELIUS: The next item
18 on our agenda, is the review of the September
19 Board Meeting public comment responses and
20 those were sent to you by Ted a few weeks
21 ago, I believe, when he sent them. I am
22 going to refer to the, there is a spreadsheet

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1 that is about five pages that lists a total⁹
2 of sixty-nine separate comments. I'll
3 probably go through them in groups cause I
4 don't think we necessarily need to spend a
5 lot of time there, on them, because most of
6 the referrals are pretty straightforward on
7 these. So I'll go through by groups and if
8 anybody has, and I'll ask if anybody has
9 comments on that particular group.

10 The first three are related to
11 Los Alamos, it was Congressman Luhan and
12 Michelle Ortiz speaking on behalf of Senator
13 Udall and then the petitioner and it was I
14 don't think any response was necessary on
15 those. Thanking the Board or NIOSH for the
16 support on that petition. The next number,
17 there are a large number going from number
18 four to number forty-seven, that are related
19 to, mostly to Rocky Flats and a few to the
20 Savannah River site. But most of them,
21 almost all of the others, all of the others
22 are Rocky Flats. These were essentially all

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10
1 referrals, many of them were informational
2 and were referred to both DCAS and the Work
3 Group as they are following up. I don't know
4 if anybody, Mark's not on the phone, but I
5 know Ted brought these to his attention also
6 and I think we can, I know they are following
7 up on Rocky Flats, there has been activity
8 related to that. Anybody have questions or
9 comments on those?

10 MEMBER KOTELCHUCK: Yes, Dave
11 Kotelchuck. On number 31, if [identifying
12 information redacted] from Rocky Flats, she
13 alleges bonuses for claim denials, poor
14 oversight, et cetera. There was no response.
15 My feeling is that it would be a good idea to
16 send her a letter saying no there are no
17 bonuses for claims denials or approvals and
18 if she has evidence of such, she should
19 present it to the appropriate legal folks. I
20 don't, I mean I think a charge of corruption
21 is serious and I think it deserves a
22 response. It may just be a response that

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11
1 there are no bonuses for claims denied.
2 There are no bonuses for claim denials or
3 approvals. What do others think? Jim, what
4 do you think?

5 CHAIRMAN MELIUS: I don't have
6 any problems with responding. I don't recall
7 details of the comments, but I would agree
8 with you that some sort of response would be
9 in order. Rather than to sort of ignore the
10 claim and if she does have specific
11 information --

12 MEMBER KOTELCHUCK: Well, if she
13 does of any corruption, then it should be
14 reported.

15 CHAIRMAN MELIUS: Right

16 MEMBER KOTELCHUCK: I have the
17 text here if you want.

18 CHAIRMAN MELIUS: I have it too
19 online, here.

20 MEMBER KOTELCHUCK: But I would
21 urge you to write a note to her just saying,
22 really denying that claim, that charge.

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1 CHAIRMAN MELIUS: Yes.

2 MEMBER CLAWSON: This is Brad. I
3 agree with what Dave is saying. You know by
4 not making a comment on it, is just as, you
5 know, it looks just as bad, we have tried to
6 do such openness with this program and
7 everything else. I do feel it deserves a
8 comment.

9 CHAIRMAN MELIUS: I agree and we
10 will follow up on that then.

11 MEMBER KOTELCHUCK: Okay.

12 CHAIRMAN MELIUS: Yes. Thank
13 you. Any other comments on the Rocky Flats?
14 Almost all the others look to be mostly
15 informational.

16 MEMBER KOTELCHUCK: Yes.

17 CHAIRMAN MELIUS: Which is
18 appropriate.

19 MEMBER KOTELCHUCK: Yes.

20 CHAIRMAN MELIUS: Okay, starting
21 with number 48, there are comments from Dr.
22 McKeel. Four comments there that related to

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1 basically the actions that have been taken on
2 GSI. Again, I don't think again any response
3 is in order there. Starting on the number
4 52, there was a [identifying information
5 redacted] who is the -- was speaking
6 relationship to the Pantex and while there is
7 no response, there is action underway on that
8 through Brad's Work Group. So I think in
9 essence, that is the response on that. Is
10 that fair Brad?

11 MEMBER CLAWSON: Yes, yes it is,
12 I was just going to suggest, you know, and I
13 guess I don't know how to how to put this in
14 or whatever else like that, but some of the
15 questions that are being raised that she's
16 brought up, we are trying to take care of in
17 -- well in actually a phone call this
18 afternoon and also a site data capture that
19 we is going to help with that so.

20 CHAIRMAN MELIUS: And yes, so
21 she is aware of that, correct?

22 MEMBER CLAWSON: Yes, she is.

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14
1 CHAIRMAN MELIUS: Yes, that's
2 what -- so again I think that is the response
3 and maybe that, Ted, maybe that should be
4 noted in the description of the response.

5 MR. KATZ: Yes, I'll take care of
6 that.

7 CHAIRMAN MELIUS: Yes, that way
8 we've done that.

9 MEMBER CLAWSON: Jim, that does
10 bring up a question because when I saw this
11 like this. Should we, if we have, should we
12 just send them to Ted? Is that what it is?
13 I thought this was kind of being taken care
14 of by a different group and I just wanted to
15 make sure that if we have comments like what
16 was just made today, how to share them.

17 MR. KATZ: Yes Brad, especially
18 if you been in communication with a commenter
19 like that, that's helpful for me to know.

20 MEMBER CLAWSON: Okay yes, that
21 sounds good.

22 MR. KATZ: Thanks Brad.

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15
1 MEMBER CLAWSON: I wanted to make
2 sure. Okay, thank you.

3 CHAIRMAN MELIUS: Items number 53
4 through 58 really were relating to a comments
5 from -- that Ted read into the record, from
6 one of the petitioners related to Weldon
7 Spring. And again I think these responses
8 were appropriate. Any comments on those?

9 MEMBER SCHOFIELD: Hey Jim, this
10 is Phil, I'm on the line now.

11 CHAIRMAN MELIUS: Okay, good.

12 MEMBER SCHOFIELD: Thanks.

13 CHAIRMAN MELIUS: Welcome. The
14 next again, sort of a post-decision comment
15 from a petitioner related to United Nuclear.
16 Where we, I believe we had already taken
17 action by that time. Again, another response
18 on Rocky Flats just the relationship to
19 submitting additional information on that.
20 There was then 61-62 are related to Hangar
21 481. Again, where we had taken action. I
22 think it sort of more related to sort of the

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16
1 facility definition issues, and which we had
2 talked about. So again, I think that was
3 referred properly for followup. Again two
4 more comments from United Nuclear and then
5 one more from Rocky Flats which were again,
6 one was, the last one for Rocky Flats was
7 giving additional information and has been
8 referred to the Work Group and DCAS. Any
9 comments on those?

10 And then the final one, the final
11 few are related to again, nuclear metals. And
12 again was sort of information and so forth
13 related to that and again I think. Any
14 questions on those responses? So, again then
15 I think that the two action items sort of out
16 of this will be first we will look at the
17 comments related to Rocky Flats and a
18 response to that that is comment number 32
19 and then Ted will also clarify the response
20 on Pantex. Okay, LaVon, SEC petition status
21 update.

22 MR. RUTHERFORD: All right.

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1 Thank you, Dr. Melius. It's going to be a
2 pretty quick report. I indicated at the last
3 Board meeting that we did not have any new
4 petitions in the qualification or evaluation
5 phase and that has not changed. I also
6 mentioned at the last meeting we have a
7 couple of 83.14s to work that will make
8 adjustments to current SECs because of
9 changes and some other things. But those we
10 are waiting for a claim to serve as the
11 petitioner. We are still at that status with
12 those 83.14s. Therefore the only SEC work
13 for the next Board meeting will have to come
14 from the Work Groups making recommendations
15 to the full Board on existing petition
16 reviews. And that, so that will be it from
17 the SECs. I don't expect this to change much
18 for the following Board meeting either
19 considering that we have no new petitions in
20 house. So that's about it from the SECs.

21 CHAIRMAN MELIUS: Okay. Any
22 questions for LaVon? Glad you found some

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1 other work then LaVon on Rocky Flats.

2 MR. RUTHERFORD: Just in time

3 CHAIRMAN MELIUS: Yep. Next item
4 is Board correspondence and I don't have
5 anything to report there. Ted, are you aware
6 of anything?

7 MR. KATZ: No, I am not

8 CHAIRMAN MELIUS: Okay. And
9 then the last item is plans for the March
10 2013 Board meeting agenda. Ted, do you want
11 to update us on that?

12 MEMBER MUNN: Oh, you are not
13 going to do --

14 MEMBER ZIEMER: This is Ziemer.
15 I have a question on the, do you see the Work
16 Group agenda item?

17 CHAIRMAN MELIUS: I apologize. I
18 was jumping too quick. Let's do the agenda
19 and then we will come back to the Work
20 Groups.

21 MR. KATZ: Okay, very good.

22 CHAIRMAN MELIUS: Yes.

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1 MR. KATZ: I've sent to the Board
2 Members and the staff, an initial draft of
3 the agenda. It is a very full day but it is
4 just at this point one full day. We will
5 hold off, I mean I don't think you have a
6 hotel yet anyway. But we will hold off on
7 travel plans until the end of this week,
8 where we should be able to sort out. We have
9 two SEC petitions potentially to come before
10 the Board in March. Brookhaven, that seems
11 likely almost certain. But the other one is
12 Pantex and that's a little bit less certain
13 than and in part that depends upon us sorting
14 out we are going to achieve in an upcoming
15 data capture.

16 I guess there will be a data
17 capture, the question is what that will cover
18 and whether that relates, whether that is
19 necessary for a reporting out on any part of
20 the remaining parts of the Pantex SEC
21 petition. So, we have a technical call this
22 afternoon with the staff working on Pantex

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1 and by tomorrow this should be sorted out and
2 I'll let everybody know if this stands as is.
3 But in any event, while it is a tight
4 schedule, I think it can be all accomplished
5 in a day, barring the unforeseen. So are
6 there any questions or suggestions at this
7 point about the agenda? I haven't heard any
8 in writing except comments that it's a full
9 day, which it is for sure. Okay then.

10 CHAIRMAN MELIUS: I guess the
11 only, I mean at least, I am assuming
12 everyone, most people's preference would be
13 to have a full day, rather than to go into
14 the next day, just simply for making flight
15 arrangements and so forth.

16 MEMBER MUNN: The only concern
17 that one might have given what we have to
18 deal with is the big unknown relative to
19 public comment. You know we always assume
20 that we can get done what we need to get done
21 in the hour allotted and most of the time
22 that's true. On the rare occasion that it

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1 isn't then we find ourselves, on more than ²¹
2 one occasion of course earlier in our
3 history, with a serious overlap of time and
4 it's a -- I guess the question is whether or
5 not going from 8:30 in the morning to 6:00 at
6 night is really conducive to paying attention
7 to what we are doing. And to add a public
8 comment on the bottom of that I, granted it
9 is an unknown. We are well aware of that.
10 It is questionable as to whether or not
11 another half day would be a reasonable thing
12 to do for the sake of the Board Members.

13 MR. KATZ: So Wanda I was just
14 trying to balance that against the
15 possibility that Pantex would fall off and it
16 is a possibility. In which case, you know, I
17 think we will be tidily done within a day and
18 Augusta isn't easy to get to because you're
19 having to come through Atlanta or drive from
20 Atlanta, one way or the other, so I just
21 thought for some of the Board Members who
22 have a lot of other commitments it seemed

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1 like it would be easier to get them out first²²
2 thing in the morning from Augusta, you know,
3 then carry them over until midday or
4 whatever.

5 MEMBER MUNN: And I haven't
6 checked the schedules, but you are correct,
7 it is not an easy place to get in and out of,
8 it's as bad as Hanford. But it's just
9 worrisome when you see that schedule for our
10 work run into 6:00.

11 CHAIRMAN MELIUS: But, I would
12 also add that in terms of the timing, these
13 are all, I think where's there more of an
14 issue will, sort of be how much time there is
15 for the Board to do things is when we run
16 into problems predicating is how long an SEC
17 presentation slash you know discussion slash
18 you know vote is going to take and those can
19 sometimes go on longer than, they are very
20 hard to estimate.

21 MEMBER MUNN: Yes, well that's
22 true for almost everything we do but I'm not

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1 resisting strongly just raising the concern
2 that it's more than a long day if we end of
3 with significant public comment it runs well
4 into the evening.

5 CHAIRMAN MELIUS: Anybody else
6 wish to comment on that issue?

7 MEMBER ANDERSON: Most of our
8 first days have been long days. So, I am
9 not sure this is any different.

10 CHAIRMAN MELIUS: Yes.

11 MEMBER ANDERSON: Clearly we
12 can't, except for a few, couldn't get out
13 that night. But, I think it makes it easier
14 to get out the next day --

15 CHAIRMAN MELIUS: Yes.

16 MEMBER ANDERSON: -- quite easy,
17 so I like this the way it is.

18 CHAIRMAN MELIUS: Yes, thanks.
19 Okay, we'll continue the plan that way and
20 now Ted just has to find a hotel for us.

21 MR. KATZ: Exactly, and we are
22 making good progress there.

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1 MEMBER MUNN: Good.

2 CHAIRMAN MELIUS: Thank you. Now
3 I will go back, I apologize. I was actually
4 trying to pull up on my computer the draft
5 Board agenda. I got ahead of myself and
6 skipped the Work Groups and Subcommittees, so
7 any Work Group Chairs or Subcommittee Chairs
8 wish to give an update?

9 MEMBER BEACH: Jim this is Josie,
10 I'll just give a real quick one for BNL. As
11 it is on the March Agenda, one of the things
12 we are going to be looking at actually the
13 only issue for discussion on the 14th is the
14 issue of the SEC end dates. As you remember
15 it is 1993 at this time and we are looking at
16 additional years.

17 CHAIRMAN MELIUS: Okay.

18 MEMBER BEACH: So we hope to
19 bring a recommendation on that.

20 CHAIRMAN MELIUS: Good, thank
21 you. Anybody else?

22 MEMBER CLAWSON: Jim, this is

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1 Brad. I might as well give one on Pantex,
2 where we are headed with it. Where we are at
3 right now is, we are looking at later years,
4 do you remember when we put in the first part
5 of the petition we cut out five years
6 basically at the very end. We are looking at
7 that and the earlier years depending upon
8 what comes out of our phone conversation, our
9 technical call this afternoon. It'll kind of
10 focus down on what we really need to
11 accomplish and go from there. It's just
12 bringing, connecting all the dots right now
13 and going from there. But while I'm here
14 also too on Fernald, we have a Work Group
15 coming up and on March 7th we've got three to
16 four outstanding issues that we're covering
17 on Fernald and we got this Work Group planned
18 and hope to make head way there.

19 CHAIRMAN MELIUS: Very good.

20 MEMBER KOTELCHUCK: Mark is not
21 on the phone but the Dose Reconstruction
22 Subcommittee met and we went over, Brad was

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1 there and myself, and we went over a number -
2 - sets eight and nine, reviewed them and I am
3 sure that Mark will give a report at the
4 Augusta meeting.

5 CHAIRMAN MELIUS: Good.

6 MEMBER MUNN: And I was on the
7 phone for that meeting Dave.

8 MEMBER KOTELCHUCK: Oh, yes
9 indeed, I, yes indeed. Pardon me that is
10 absolutely true.

11 CHAIRMAN MELIUS: Anybody else?
12 I have an update, the SEC Evaluation Work
13 Group will be having a conference call, I
14 believe it's the 22nd of February, to
15 discuss, we have two reports from NIOSH on as
16 far as the ten year review we are dealing
17 with the issue of sufficient accuracy. We've
18 gotten the last few weeks, two reports from
19 NIOSH related to that, so we will have a
20 discussion of those reports and then the plan
21 is then to come back to the Board at the
22 Augusta meeting to sort of present not a

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1 conclusion, but sort of some idea of issues
2 and how, some options on how we might go
3 forward on that and get input from all the
4 Board members on sort of how we should handle
5 that, where we would go, who should be
6 involved and so forth.

7 So we have set aside about half
8 hour at the March Board meeting to report on
9 that and for full Board discussion. Again, I
10 don't think it will be to try to reach a
11 conclusion. It's more, you know, is there
12 additional work we should have done, how
13 should we approach this issue, so. Any
14 other Work Group or Subcommittee chairs wish
15 to report?

16 MEMBER SCHOFIELD: This is Phil.
17 On Santa Susana Field Lab, things are going
18 to slowed down just a little bit. They just
19 received a large volume of exposure records,
20 but these are all on cards that they can't
21 scan in, so they are going to have to be
22 transcribed by hand so that is going to take

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1 them quite a while.

2 CHAIRMAN MELIUS: Yes.

3 MEMBER SCHOFIELD: That's really,
4 I mean, you know, the only update there is
5 right now.

6 CHAIRMAN MELIUS: Okay, anybody
7 else?

8 MEMBER MUNN: Yes Jim, this is
9 Wanda. Procedures has quite a significant
10 report and an issue to bring before the full
11 Board. If we are ready for that, I will be
12 glad to give it now. We met Tuesday this
13 week in Cincinnati. We had a quite full
14 agenda. A number of the outstanding findings
15 that we had were formally closed after we had
16 significant discussion with NIOSH and our
17 Contractor and the Subcommittee. And included
18 among those final items that we were able to
19 close were TIB-9 and TIB-70. TIB-9 is the
20 estimation of ingestion intakes and TIB-70
21 was the dose reconstruction during the
22 residual radioactivity period for the AWEs.

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1 Those two are fairly close. We linked them
2 with regard to one of the items and we were
3 able to close those out.

4 TIB-13 geometric exposure
5 scenario consideration for external dose
6 reconstruction at uranium facilities and TIB-
7 10 which is the best estimate of internal
8 dose reconstruction for glove box workers had
9 been considered together for a number of
10 issues. Those were resolved and closed.
11 TIB-79 the occupational X-ray dose for X-rays
12 that were taken offsite.

13 (Pause.)

14 MR. KATZ: Wanda did we lose you?

15 CHAIRMAN MELIUS: Yes.

16 MR. KATZ: I'm afraid she might
17 not even realize that she is disconnected

18 CHAIRMAN MELIUS: Yes, I think
19 that's --

20 MEMBER ZIEMER: This is Ziemer, I
21 can report on TBD-6000 while we are waiting
22 for Wanda to get back or is she back now?

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1 CHAIRMAN MELIUS: Wanda are you
2 back yet? Wanda we can't hear you if you're
3 on, listening. Go ahead Paul, why don't we
4 do --

5 MEMBER ZIEMER: Okay, TBD-6000 will
6 be meeting on February 22nd. We have some open
7 issues on Appendix BB, which is General Steel
8 Industries now to consider --

9 MEMBER MUNN: Are you still there?

10 CHAIRMAN MELIUS: Yes, we are here
11 now. You were, we lost you.

12 MEMBER MUNN: I had a dial tone.

13 CHAIRMAN MELIUS: Okay and then
14 while we were waiting for you to call back in,
15 Paul was starting on his TBD.

16 MEMBER MUNN: Oh good, go ahead
17 Paul --

18 CHAIRMAN MELIUS: Then we will come
19 back to you Wanda.

20 MEMBER ZIEMER: I will just
21 indicate what's on our agenda for February
22 22nd, it's --

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1 MR. KATZ: Paul it's February ³¹ 21st.

2 MEMBER ZIEMER: Okay, okay right.
3 I better check my calendar here. Anyway, I
4 don't want to show up a day late and a dollar
5 short.

6 MEMBER MUNN: We'd have trouble
7 Paul, believe me.

8 MEMBER ZIEMER: Appendix BB, some
9 open issues on the issues matrix to consider.
10 We also will have our initial look now at the
11 issues matrix for Simonds Saw which the Board
12 assigned to TBD-6000 at the last meeting. And
13 then we also have Baker Brothers' residual
14 period to consider and there's a possibility
15 that may be on the agenda for the upcoming full
16 Board Meeting. Those are the items before us
17 on TBD-6000.

18 CHAIRMAN MELIUS: Good, thank you
19 Paul. Wanda do you want to?

20 MEMBER MUNN: Yes I'll be glad to.
21 I trust, did you hear me through OTIB-79, the
22 Occupational X-ray dose for --

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1 CHAIRMAN MELIUS: It was right in
2 the middle of that I think you started to, lost
3 you.

4 MEMBER MUNN: Okay, that's fine.
5 That essentially was the basic list of
6 documents that we were able to close out.
7 Earlier we had initiated our look at the
8 overarching issues. We had wanted to make sure
9 that what we had called the global issues or
10 overarching issues that affected more than one
11 side had been captured in a place where we
12 could reconstruct what had happened.

13 And Jim Neton has been giving us a
14 hand with our decisions as to how to summarize
15 what has taken place with those. He has given
16 us, I believe we are tracking eight. I have to
17 check that number, but I think that is correct.
18 And we took a look at the first draft of
19 information that we intend to populate into the
20 database to make sure that we are able to
21 review what has transpired and have a permanent
22 record of how those particular issues were

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1 dealt with across the complex. We also ³³
2 discussed several matters that were related to
3 two newly-issued documents that SC&A has
4 provided us relative to Hanford. The PER
5 program reviews on Hanford TBD revisions and
6 PER-5 as well, misinterpreted applications of
7 external dose factors. For the Hanford dose
8 reconstructions, those items were discussed and
9 they are continuing along with multiple
10 findings that we have derived from other SC&A
11 reviews and previews of documents. Among
12 those, we had quite a number in January that
13 were provided by the contractor. Among them
14 were OTIB-5. That is internal and external
15 choice of dosimetry organ and IREP model
16 selection by ICD-9 code. Two PROCs, two
17 procedures, 31, Site Profile and Technical
18 Basis Document is one and Number 61,
19 Occupational Medical X-ray dose reconstruction
20 for DOE sites.

21 There was, there were a couple of
22 other OTIBs. Twenty, use of coworker dosimetry

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1 data for external dose assignment and the³⁴
2 technical basis for MCNP report thirty-eight
3 neutron quality factors to ICR publication 60,
4 radiation weighting factors for respective IREP
5 input neutron energy ranges. Now the title of
6 that one alone is practically the entire
7 report. So, Procedure 66 is also in that
8 group, Quality Assurance Records Management.
9 One of the other things that we looked at is
10 the issue that the Subcommittee would like to
11 bring to the Board for its consideration and
12 its direction. We have SC&A's preliminary
13 review of Program Evaluation Report 37, PER-37
14 covers Ames Laboratory, TBD revisions. The
15 position that SC&A has taken and I think the
16 Subcommittee agrees with that is that we have a
17 problem there. The essential question has to
18 do with the depth and level of the contractor
19 effort that is going to be necessary to
20 complete the assignment for this PER.

21 There have been multiple revisions
22 of the Site Profile review for Ames. It is not

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1 long but it can be fairly complex. They've
2 been issued prior to the revision that is being
3 covered by the PER but none of those preceding
4 revisions has ever been reviewed by SC&A. This
5 is the contractor's first look at Ames
6 Laboratory and the Site Profile. So, they feel
7 that without reviewing the preceding documents
8 it is not feasible to do the kind of in-depth
9 review for the PER that is necessary. So the
10 review, the reviews of all those preceding
11 documents hasn't been authorized in our current
12 budget and weren't considered, I believe, when
13 we put together our instructions for SC&A to
14 begin their work on the PERs. So we have
15 brought that question to the Board for
16 instructions on how to proceed and help with
17 SC&A, so that they will know what we expect out
18 of them. Is that issue clear for everyone?

19 MR. KATZ: Wanda, can I just add
20 something?

21 MEMBER MUNN: Yes, please do Ted.

22 MR. KATZ: So one of the things

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1 that the Subcommittee discussed was, as opposed
2 to having SC&A go and look at all these
3 revisions and revisions of documents that they
4 never reviewed in the first place, one
5 suggestion at least was that we may just task
6 SC&A to review the current Site Profile as it
7 is. In other words, updated, and start there
8 rather than digging through all this, this
9 history of changes.

10 MEMBER MUNN: No, it can, it will
11 probably require a significant effort either
12 way and we are at a loss. We feel that it is
13 within the purview of the Board's oversight to
14 make the decision for us.

15 CHAIRMAN MELIUS: Background noise.
16 So Ted, where are we budget-wise in terms of
17 authorizing that?

18 MR. KATZ: So we are okay, I mean
19 we are okay either way, I guess. But, we were
20 just thinking that since this wouldn't affect
21 the tasking of SC&A to do a Site Profile review
22 that would be something that the Board would

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1 do, if it wants, for Ames. But there is no³⁷
2 problem with handling that within the budget,
3 if that's a question.

4 CHAIRMAN MELIUS: Then I guess the
5 question, to me it seems reasonable that we
6 should be doing this and probably should do it
7 now.

8 MR. KATZ: Right.

9 MEMBER CLAWSON: Jim, this is Brad.

10 CHAIRMAN MELIUS: Go ahead, Brad.

11 MEMBER CLAWSON: I was just
12 thinking, you know, every time we've looked at
13 one of these Site Profiles and there have been
14 numerous changes to it, in the process it is
15 sort of like a jigsaw to me. You've got to
16 start at the very beginning and understand how
17 they got to these points or you are not going
18 to get the full picture. I understand that it
19 is quite a large task for them, to be able to
20 end up getting a good final product, they need
21 to know how they came to where they were at
22 now, instead of starting right then, my

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1 personal opinion and SC&A can weigh in on
2 this, but I think they have to be able to start
3 at this so that all the questions can be
4 answered up to there because if there have been
5 numerous changes it would be very hard, I feel,
6 to start here and go forward. That's my
7 opinion.

8 MR. KATZ: Brad, what we discussed
9 in the meeting and my point is that in effect
10 we have a new, it's a new pretty completely
11 renovated Site Profile. And so again my
12 suggestion was just, what the Subcommittee
13 talked about was just having SC&A start by
14 doing a Site Profile review with what's there
15 which includes everything that is relevant but
16 not all the things that have been dropped out
17 and so on from past history.

18 MEMBER CLAWSON: Okay well I've
19 just seen on so many sites Ted, that one of the
20 questions that usually comes up is how did you
21 guys come up with this certain part of it. And
22 to do that you have to go back to and I am sure

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1 SC&A would be able to do that. I was just, you
2 know, my opinion is it's always good to see
3 what everybody's work was up to there to help
4 understand how they got to this part in the
5 Site Profile. But, you know, that comes up to
6 us as the Board and also SC&A.

7 CHAIRMAN MELIUS: I think if SC&A
8 reviewed the current profile and then it seemed
9 to me if the past versions were relevant they
10 would be relevant in terms of where SC&A found
11 a problem with the current profile or an issue
12 that it needed to help resolve. So I think you
13 know, working with -- SC&A working with a Work
14 Group could then figure out if additional, you
15 know, work needed to be done in order to
16 address the current profile. But why don't we
17 get them started on the current profile.

18 MEMBER CLAWSON: I agree with you.
19 I just think this a little bit in reverse I
20 guess. I am kind of seeing what you're saying
21 there on that because if they do need to
22 understand they can go back to previous changes

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1 would help them understand where they've gone.

2 MR. STIVER: This is John Stiver,
3 if I could step in for just a minute. I think
4 the issue that kind of makes this a little
5 different is that because the PER is really
6 what triggered this decision that we really
7 need to go back and look at the TBD and because
8 there have been so many revisions where doses
9 went up in one revision and some went down in
10 the next and then up again for others and the
11 third and so forth. In terms of determining
12 for the PER the number of cases that are
13 ultimately affected we would probably need to
14 also look at those earlier revisions.

15 However, strictly looking at the
16 TBD review aspect of it, it would make sense to
17 start with the latest and see, you know, and
18 get that and then as needed I suppose we could
19 go back and look at some of the earlier ones.

20 CHAIRMAN MELIUS: Yes, to me it
21 seems that you couldn't judge the, the quality
22 or the need for the revisions PER part of it,

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1 how it affects dose reconstructions until you
2 really decide well is the current Site Profile,
3 you know --

4 MR. STIVER: Yes, that's a logical
5 place to start.

6 CHAIRMAN MELIUS: -- adequate.

7 MEMBER MUNN: This is Wanda. I
8 think a good argument can be made for either
9 case, but the problem as I see it, is that with
10 a PER one of our driving motivators here is to
11 assure that anything that was done at the time
12 was done appropriately in the confines of the
13 instruction that existed at the time. And
14 since we have a situation where we have evolved
15 over a period of years as to how we approach
16 many, many issues that are involved in dose
17 reconstruction.

18 Although our current views may be
19 different than others, it is a real problem to
20 look at our processes today and indicate
21 whether or not processes that were accomplished
22 three years ago were accomplished

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1 appropriately. They may have been accomplished
2 for that period given the instruction that
3 existed for the dose reconstructor at that
4 time. Does that make sense?

5 CHAIRMAN MELIUS: It makes sense,
6 but I still think the more important goal is to
7 make sure that what is being done now and going
8 forward with the current Site Profile is of
9 appropriate quality.

10 MEMBER MUNN: Yes, well of course.

11 CHAIRMAN MELIUS: So I think that
12 would be the --

13 MEMBER MUNN: That's the ultimate
14 accomplishment.

15 CHAIRMAN MELIUS: Right, so I think
16 starting there is probably a little bit more of
17 a priority. But, I agree you can argue, you
18 can make a case either way.

19 MEMBER MUNN: I really think you
20 can and I think, I think that the contractor
21 personnel who were looking at this felt that
22 they couldn't truly evaluate this current

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1 revision without better review of the preceding
2 revisions. I don't think I am
3 mischaracterizing that, am I John?

4 MR. STIVER: No, I think you've
5 kind of captured our concerns there.

6 MEMBER MUNN: Yes, so we felt it
7 was a Board decision rather than a Subcommittee
8 decision to make.

9 MEMBER BEACH: Jim, this is Josie.
10 The other issue that we discussed is we weren't
11 sure, there is not a Work Group for Ames at
12 this time. I know the 250 Work Group looked at
13 the blowout issue. So, who would actually
14 review SC&A's work is another question we had.

15 CHAIRMAN MELIUS: And what I was
16 thinking and I, first of all I was trying to
17 remember if there was a Work Group and I
18 couldn't remember.

19 MEMBER MUNN: No, there isn't.

20 CHAIRMAN MELIUS: But I think what
21 we should, I know that the SEC evaluation group
22 looked at the 250 day issue but I think that

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1 what we would do would be to appoint a new Work
2 Group to handle that, and to monitor Ames and
3 that that we will do that at our next Board
4 meeting in March. Meanwhile, let's get SC&A
5 started on the current Site Profile review and
6 then we'll have the Work Group be able to take
7 over and they, that Work Group could coordinate
8 with the Procedure Subcommittee and figure out
9 what needed to be done in terms of dealing with
10 the PER issue and what further evaluation that
11 SC&A needed to do. Does that make sense?

12 MEMBER MUNN: My concern with that
13 is that they have in effect already looked at
14 this current revision, that's what triggered
15 the PER, and they attempted to do so and what
16 they are saying to us in their report, which is
17 a rather good report, it is by the way posted
18 on the website if anyone wants to go take a
19 look at their PER report wherein they say
20 essentially that they don't feel they can go
21 any further with that until they have some kind
22 of indication with respect to the previous

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1 documents. So I am not sure how -- whether we
2 move anything forward with the exception of
3 appointing a Work Group.

4 MEMBER BEACH: Wanda, this is Josie
5 again. I thought they indicated that they
6 needed to do a full review of the PER and not -
7 - in addition to going back, which I am in
8 favor of them starting that.

9 MEMBER MUNN: Well let's take a
10 quick look at the actual wording that we had in
11 that, hold on just a moment, it will only take
12 me a second to pull that Ames document up and I
13 believe we that we can get the wording of what
14 we were told. Subcontractor Reports and Ames,
15 it is right here. The date of the report is
16 January 2013. The draft was released on
17 January 2nd. And if I am not mistaken, I
18 believe that comment is fairly early in the
19 dialogue.

20 It says that, it lists the changes
21 and it says the need to thoroughly evaluate the
22 above-cited documents prior to our review of

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1 DCAS-PER-37 is supported by SC&A's very
2 preliminary review of the Ames Laboratory TBDS
3 including their 055 presented below, but is a
4 sample of potential issues that the
5 Subcommittee on Procedures Review Board may
6 have to address. They went on to say later
7 that they felt they could not proceed without a
8 more thorough review. The search for the word
9 assumed, assumption and presumed include 144
10 instances and it's a -- I took away from the
11 language that SC&A felt that they couldn't
12 proceed with their current review absent
13 information from the previous documents. If I
14 am mistaken in that John, please tell me.

15 MR. STIVER: No, no it's true. In
16 order to really address all the issues that
17 affected the outcome of the dose
18 reconstructions, you know, there were several
19 revisions, all of which were pertinent in
20 different ways which is why we felt that we
21 should really look at all the revisions in the
22 context of the PER review.

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1 MEMBER MUNN: Please do Paul.

2 MEMBER ZIEMER: Yes, it seems to me
3 that it makes sense to focus the review on the
4 current version. What we don't want is
5 findings from the older versions but it seems
6 to me that in doing the review of the current
7 version, that does not close the possibility of
8 SC&A looking at the earlier versions and
9 understanding how even those revisions
10 occurred. If we ask them to review the current
11 version and any findings would be based on
12 that, why would we imply necessarily that that
13 would restrict them to looking only at that, it
14 seems to me that they have to look at whatever
15 documents they need to make the proper
16 evaluation. In my mind the door is open for
17 them to look at the earlier documents as well.

18 MEMBER MUNN: I thought it was too.
19 However from our discussion I took away the
20 fact that level and depth of study was what was
21 really at issue. I think --

22 MEMBER ZIEMER: Right, but we don't

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1 need findings from the earlier documents, but
2 certainly they need to be available for
3 appropriate reference and appropriate
4 understanding of what's in the final document.

5 MEMBER MUNN: I think the
6 Subcommittee agrees with you on that Paul.
7 Yes.

8 MR. STIVER: This is John, as I
9 said earlier I think the problem we are
10 struggling with here is that if we are just
11 looking at a TBD revision or review in itself,
12 it would perfectly make sense to look at the
13 very last one, the most recent. The wrinkle
14 there is that the PER really is affected by all
15 of them and I don't see any problem as long as
16 we can start say with the latest in this
17 revision and then coordinate with the
18 Procedures Subcommittee on the need for looking
19 at the earlier versions in the context of
20 completing the PER. As long as we have that
21 leeway to do that, I don't see that there's a
22 problem.

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1 CHAIRMAN MELIUS: Yes, my ⁵⁰ only
2 caveat on that is that I think it should be
3 done stepwise.

4 MR. STIVER: Yes, it will be
5 stepwise.

6 CHAIRMAN MELIUS: What if you find
7 that you do the TBD what if you find that the
8 whole, you know, major way they are approaching
9 dose reconstruction are not appropriate or need
10 further revision and then, you know, then
11 another PER, you know, there are a lot of
12 contingencies, it is very hard to tell since we
13 are just alerted to this right during this
14 meeting, so I don't have the details. But,
15 let's look at what we are doing going forward
16 and then if it's appropriate to go back, we can
17 go back. That's fine.

18 MEMBER MUNN: Well, all right good.
19 I assume John you feel that that's adequate
20 instruction for proceeding.

21 MR. STIVER: I think that's a good
22 starting point.

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MEMBER MUNN: Alright, very good.

MR. STIVER: As we need to make a little incremental adjustments as we go along, we will notify someone on the Board.

MEMBER MUNN: Alright, thank you and thank the other members of the Subcommittee for their comments, that's appreciated. If we are happy with the resolution of that particular item then I will go on with two very quick items to close out Procedures. The Subcommittee now has dealt with a total of 580 findings and we have resolved over 85 percent of those. In March at our meeting we intend, in response to the request we have made to give you better information about we are doing and more detailed information, we'll have a report that more clearly identifies details of OTIB-52 which you may recall we reported on briefly along with other information about our process during our last meeting. That was the parameters considered when we process claims for construction trade workers. So we will

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1 give you more information on that and we intend
2 to touch also on OTIB-70.

3 We will have a report on dose
4 reconstruction during residual radioactive
5 periods for the AWEs and how we have dealt with
6 those issues. It is my hope to also bring you
7 a list of the completed procedure reviews from
8 which you might choose potential future reports
9 you want to hear about. And with that I think
10 I can turn it back over to the Chair. Unless
11 there are questions, I'll be glad to address
12 whatever I can.

13 CHAIRMAN MELIUS: Any questions for
14 Wanda? Ted do we need a motion for the --
15 authorize the Site Profile review?

16 MR. KATZ: No, we don't really. If
17 you are all, as long as everyone is basically
18 in favor, that's fine and I am here so it's
19 tasked.

20 CHAIRMAN MELIUS: Okay. Good. Any
21 other Work Group Chairs wish to report?

22 MEMBER CLAWSON: Dr. Melius, I know

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1 Mark isn't here. I just wanted to touch base
2 with everybody. The Savannah River Work Group
3 had a teleconference here a little while ago
4 with NIOSH and we went over a paper that Tim
5 Taulbee had, it was actually Arjun put together
6 and I just we were working forward on that and
7 I just wanted people to be aware of that.

8 CHAIRMAN MELIUS: Okay, thanks.
9 Any others? Okay, any other business? If not
10 then, I think we can adjourn.

11 MEMBER MUNN: Thank you all.

12 CHAIRMAN MELIUS: Thank you
13 everybody. We will see you in Augusta.

14 (Whereupon, the above-entitled
15 matter concluded at 12:03 p.m.)

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