

UNITED STATES OF AMERICA
CENTERS FOR DISEASE CONTROL

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NATIONAL INSTITUTE FOR OCCUPATIONAL
SAFETY AND HEALTH

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ADVISORY BOARD ON RADIATION AND
WORKER HEALTH

+ + + + +

95th MEETING

+ + + + +

TUESDAY
DECEMBER 17, 2013

+ + + + +

The meeting convened telephonically at
12:00 p.m., Eastern Standard 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
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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RUTHERFORD, LAVON, DCAS
STIVER, JOHN, SC&A

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

2 12:00 p.m.

3 MR. KATZ: So let's just do
4 roll-call. We don't need to address conflict
5 of interest because we don't have any actions
6 today for this meeting. So I'm just going to
7 run down the line. And I'll name those that
8 I already know are on.

9 (Roll-call.)

10 MR. KATZ: Okay, then. Dr.
11 Melius, it's your agenda.

12 CHAIRMAN MELIUS: Okay. Thanks.
13 And I believe we have a relatively short
14 agenda today. So, first of all, welcome,
15 everybody. I will admit, Brad, that it is
16 snowing here in New York today.

17 MEMBER CLAWSON: That's nice, Jim,
18 because it's warm here, beautiful blue sky.
19 It's wonderful.

20 CHAIRMAN MELIUS: Okay. Well,
21 you'll get yours.

22 MEMBER KOTELCHUCK: I think

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1 they've already gotten theirs.

2 CHAIRMAN MELIUS: I know. I've
3 been watching that.

4 Okay. Anyway, the first item on
5 the agenda is SEC petition update from Lavon
6 Rutherford.

7 MR. RUTHERFORD: All right. Yes.

8 This is Lavon Rutherford. We have two SEC
9 reports that we plan to present at the
10 January meeting, first at the Kansas City
11 plant, and we have an Evaluation Report,
12 addendum, for Joslyn. The Kansas City Plan
13 Evaluation Report right now is in internal
14 review. We hope to have the report to the
15 Advisory Board and then out to the
16 petitioners by the end of December or early
17 January at the latest.

18 We also are working on an addendum
19 for Joslyn. The decision to do an addendum
20 for Joslyn recently came up. We made the
21 determination we needed to extend the Class
22 about six or seven months for Joslyn. Again,

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1 we are working on that addendum and are
2 trying to get it completed in time for a Work
3 Group meeting in January. I believe it is
4 January 16th.

5 Worst case, we will present our
6 findings from this addendum to the Work
7 Group. And the actual report will come out
8 shortly after the meeting. The schedule is
9 really tight right now. It's got it coming
10 out about the time of the meeting, but, like
11 I said, at worst case, we will present the
12 findings of that addendum to allow the Work
13 Group -- you know, I think it's pretty
14 straightforward. So I don't think it will be
15 a problem.

16 And that's all we have for the
17 January meeting, is two reports. And that's
18 all I have.

19 CHAIRMAN MELIUS: Okay. Any
20 questions for Lavon?

21 (No response.)

22 CHAIRMAN MELIUS: Okay. Let me

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1 get the right agenda. I was just peeking
2 ahead to the other one. Okay.

3 Okay. Next on our agenda is any
4 updates from Subcommittees or Work Groups.
5 And I won't go through the list. So just if
6 anybody has something they want to update,
7 speak up.

8 MEMBER BEACH: Jim, this is Josie.
9 I have a brief one from Mound.

10 CHAIRMAN MELIUS: Go ahead.

11 MEMBER BEACH: So the Mound Work
12 Group held a brief phone call on November
13 26th to discuss some very specific concerns
14 that were raised by the Mound petitioners
15 regarding the MESH data and whether NIOSH had
16 adequately justified its decision not to use
17 the MESH tritium entries as evidence of
18 monitoring and whether NIOSH had
19 independently validated the tritium logbooks
20 as being adequate and sufficiently complete
21 to be used in the intended way for the 1959
22 to 1980 SEC.

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1 The petitioner brought it up
2 before the Board at our last two meetings.
3 Some of the concerns were -- and they were
4 are the names sufficiently legible, complete,
5 identifiable to be used to identify which
6 workers ought to be included in the SEC? And
7 the worker concerns would be whether that
8 validation was adequate under the
9 circumstances.

10 We held the meeting. NIOSH agreed
11 to look into how the validation was handled
12 for the logbooks. We got that report from
13 NIOSH on Friday. And the Work Group Members,
14 it was very brief. Did anybody have a
15 chance to review that?

16 MEMBER CLAWSON: I am sorry,
17 Josie. This is Brad. I didn't have a chance
18 to look at that yet.

19 MEMBER BEACH: Okay. How about
20 you, Paul? Did you get a chance to look at
21 it?

22 MEMBER ZIEMER: No. We have been

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1 out of town, and I have not had a chance to
2 look at that.

3 MEMBER BEACH: Okay. Well, then I
4 won't close out other than I looked at it.
5 It seemed pretty basic. And it also seemed
6 complete to me.

7 I checked in with Joe. And SC&A
8 agreed that it was pretty standard and
9 complete. And they had no issues for it.

10 So that's my report. Let me also
11 say that I did talk to Deb. She indicated at
12 the meeting that she was happy with the phone
13 call and the information that was presented.

14 And she agrees that the meeting met her
15 concerns.

16 So I don't know, Ted, if we need
17 to report out more officially than that or,
18 of course, wait for the Work Group Members to
19 take a look at that. And maybe I can update
20 again at the next meeting.

21 MR. KATZ: Yes. I think that will
22 work.

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1 CHAIRMAN MELIUS: Yes. I think
2 that would be fine, Josie. I think maybe do
3 a quick Work Group call to go over
4 everybody's review of the report.

5 MEMBER BEACH: Yes. It's pretty
6 brief. I think we can probably do it via
7 email if everybody agrees with that. But we
8 could also do a call, too. So I'll leave
9 that up to your discretion, Ted.

10 CHAIRMAN MELIUS: This is Jim.
11 And, again, I haven't seen the report and
12 don't know how brief it is. But it might be
13 just better to have something on the record
14 with a call or we could do it at a -- or, you
15 know, you could just report back at a Board
16 Meeting after --

17 MEMBER BEACH: Okay.

18 CHAIRMAN MELIUS: -- you talk to
19 the other, heard from the other Work Group
20 Members.

21 MEMBER BEACH: Okay.

22 CHAIRMAN MELIUS: Either one would

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1 be fine.

2 MEMBER BEACH: Yes.

3 CHAIRMAN MELIUS: Just as long as
4 we get something on the record.

5 MEMBER BEACH: Okay. Sounds
6 perfect. Thanks.

7 CHAIRMAN MELIUS: Okay.

8 MEMBER KOTELCHUCK: Jim, on the
9 Dose Reconstruction Subcommittee, we met last
10 on November 20th. And we're going to meet
11 next on February 6th. We couldn't schedule
12 anything for December or January among us.

13 I can give you a report now or, if
14 you'd like, maybe I should wait for the
15 Kansas City meeting, Board meeting. And then
16 it would be the same report now or later. So
17 if you --

18 CHAIRMAN MELIUS: We have time in
19 Kansas City. And I think more Board Members
20 hopefully will be on. So why don't we wait
21 until --

22 MEMBER KOTELCHUCK: That sounds

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1 fine.

2 CHAIRMAN MELIUS: Yes. Thanks.

3 MEMBER KOTELCHUCK: Suffice it to
4 say progress is being made.

5 CHAIRMAN MELIUS: Okay. Great.
6 Any other Work Group or Subcommittee reports?

7 MEMBER CLAWSON: Yes, Jim. This
8 is Brad. I just wanted to kind of report on
9 Fernald and Nevada Test Site. I've been in
10 contact with Ted and also with DCAS. And
11 we're trying to finish up these two sites,
12 mainly Site Profile issues, DCAS due to their
13 work schedule and stuff, it's going to be
14 later in January or February, but we're
15 working to finish up these Site Profile
16 issues and close these sites out.

17 CHAIRMAN MELIUS: Good. Anybody
18 else?

19 MEMBER MUNN: I can give you a
20 quick brief on what we've been doing in
21 Procedures if you'd like.

22 CHAIRMAN MELIUS: Go ahead, Wanda.

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1 MEMBER MUNN: As you probably
2 know, we tend to focus pretty clearly on the
3 PERs. We have a total of 46 now done.
4 Twenty-three of them have been assigned. And
5 so we have a significant body of work
6 involved in those alone.

7 Among the PERs that we are looking
8 at are 31, which is the Y-12 TBD revision.
9 There are thorium issues there that we are
10 still dealing with, PER-14, construction
11 trade workers with adjustment factors that
12 are still under discussion; PER-20. At
13 Blockson there's an inhalation tool issue.
14 Everything else is closed out there long
15 since.

16 And 11 is K-25 TBDs and the TIB
17 revisions. There are just some selection
18 criterion issues with respect to selection
19 criteria. We have had significant amounts of
20 discussions in the Subcommittee recently on
21 selection criteria for case reviews and
22 different documents that we are dealing with.

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1 And I think most of those are about to come
2 to agreement. There doesn't seem to be too
3 much of an issue. It's just a matter of
4 working out the details.

5 PER-37, Ames, is in Work Group
6 discussions. So that is postponed for us
7 until those discussions are finished. And we
8 still have some -- PER-38 came before us and
9 created a little bit of a discussion for us
10 with respect to how to handle the entries in
11 our Board reports simply because that was one
12 of several that we have looked at where there
13 are no findings and we are set up, of course,
14 to deal with findings. So we have I think
15 agreed that we will issue a finding of no
16 findings in those cases where we do find
17 ourselves with a review that is completed.

18 We have had a technical call on
19 the 3rd to talk about PER-9, the lymphoma
20 issues. That was I think going to resolve
21 itself very nicely. OTIB-54 is internal
22 gross alpha and beta analyses. That was one

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1 of those procedures that had an enormous
2 number of findings. Seventeen of them are
3 closed. We have ten of them still in
4 progress. They're proceeding.

5 We have also been looking at IG-
6 001. The latest revisions, as you may
7 remember, I think we have had at least three
8 revisions of that very basic document. There
9 are still some discussions going on with
10 respect to the dose correction factors and
11 geometry. But, again, that's close to
12 resolution.

13 We have just had released from
14 SC&A PER-25, subtask 4. It was a case rework
15 evaluation of shallow dose at the Huntington
16 plant. So that is on our plate.

17 And coming up soon is -- actually,
18 most of the work I think has been done on
19 OTIB-83 and 34, the latter being, both of
20 them, with respect to internal dosimetry, the
21 latter being X-10, I believe.

22 And our next meeting is scheduled

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1 for February 13th.

2 CHAIRMAN MELIUS: Great. Thanks,
3 Wanda.

4 Anybody else, Work Group leaders?

5 MEMBER ZIEMER: I can report on
6 TBD-6000 Work Group.

7 CHAIRMAN MELIUS: Okay. Go ahead,
8 Paul.

9 MEMBER ZIEMER: The Work Group has
10 a meeting scheduled for this week, for
11 Thursday, December 19th. And the focus of
12 that meeting will be on General Steel
13 Industries. We will be looking at the skin
14 dose calculations. We will be looking at the
15 MCNP calculations for betatron exposures,
16 also on the resuspension factor for the
17 residual period, trying to reach closure on
18 all of these items. Also, we hope to deal
19 with the findings matrix for Appendix BB,
20 which is the General Steel Industries
21 findings matrix, and to deal with all of the
22 remaining open issues on that.

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1 I'll report at the next full Board
2 meeting where we stand in terms of all of
3 these issues.

4 Also, the Work Group, as LaVon
5 Rutherford indicated, has a conference call
6 meeting scheduled for January 16th. The
7 focus of that will be the Joslyn SEC. And
8 whether or not we will have any formal
9 recommendation on that remains to be seen.
10 So that is very briefly what we are working
11 on.

12 CHAIRMAN MELIUS: Okay. That
13 explains the multiple meeting notices.

14 MEMBER ZIEMER: Right, right. The
15 Joslyn one will be touch and go as to whether
16 or not they actually have their
17 recommendation ready for the Work Group.
18 But, as LaVon indicated, it seems to be
19 fairly straightforward, but one is not always
20 certain on that.

21 CHAIRMAN MELIUS: Well, we have
22 faith in LaVon. We know how hard he is going

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1 to work over the holidays to get this done
2 for us.

3 MEMBER ZIEMER: Yes. That is what
4 worries us. Just kidding, LaVon. Okay.

5 That is my report.

6 CHAIRMAN MELIUS: Okay. Thanks,
7 Paul.

8 Any other Work Group?

9 MEMBER SCHOFIELD: Yes. This is
10 Phil Schofield. This is for INL. On the 1st
11 of October, Pete Darnell issued a paper on
12 the Work Group issue summary. Then SC&A
13 issued another paper on the updated matrix
14 for the issues on the 23rd of October. Then
15 on March 25th, we're scheduled for a Work
16 Group meeting in Cincinnati.

17 CHAIRMAN MELIUS: Okay. Good.
18 Thanks, Phil.

19 Anybody else? Mark I know isn't
20 on the phone. I know the Savannah River Work
21 Group has a meeting scheduled, I believe
22 sometime in February.

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1 MEMBER ZIEMER: Well, this is
2 Ziemer again. I probably should give a brief
3 update on Lawrence Berkeley also.

4 CHAIRMAN MELIUS: Okay. Go ahead.

5 MEMBER ZIEMER: Yes. Just this
6 past week, we have received two White Papers
7 from DCAS dealing with some of the findings
8 that SC&A had on the findings matrix. I am
9 uncertain -- and I just emailed Lara Hughes
10 to find out whether there were -- a couple of
11 additional White Papers I think are still
12 due, but we will be able to schedule a Work
13 Group meeting fairly soon. SC&A will need an
14 opportunity to review those White Papers, but
15 at least that seems to be moving ahead now.
16 So we'll keep you posted at the next meeting.

17 CHAIRMAN MELIUS: All right. And
18 I've got to schedule a conference call of our
19 Hanford Work Group to get -- we have some
20 updates on that that we need to discuss. So
21 I will --

22 MEMBER CLAWSON: Jim? Jim, the

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1 Savannah River Work Group is I believe
2 February 6.

3 CHAIRMAN MELIUS: Okay. I
4 remember it was that week. I couldn't
5 remember the exact date.

6 MEMBER SCHOFIELD: Brad, is it the
7 6th? Is it the 6th?

8 MEMBER CLAWSON: It is either 5th
9 or 6th. I was just --

10 MEMBER KOTELCHUCK: Oh, okay.
11 Because we have a Dose Reconstruction
12 Subcommittee meeting on the 6th.

13 MEMBER CLAWSON: Yes. So it is
14 the 5th because I --

15 MEMBER KOTELCHUCK: Oh, okay.

16 MEMBER CLAWSON: I have the stuff
17 there until I get back.

18 MR. KATZ: It is the 5th.

19 MEMBER KOTELCHUCK: No problem.

20 MEMBER SCHOFIELD: Okay. I just
21 wanted to make sure I hadn't screwed up.

22 CHAIRMAN MELIUS: Well, make sure

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1 we keep everybody awake. All right.

2 Anybody else with updates?

3 (No response.)

4 CHAIRMAN MELIUS: Okay. The next
5 item on the agenda is the agenda for our
6 January 14th meeting, which will be a one-day
7 meeting in Kansas City. I don't know if we
8 have a hotel yet. Do we or --

9 MR. KATZ: Well, we almost do,
10 yes, almost.

11 CHAIRMAN MELIUS: Are you going to
12 tell us that on the day before the meeting,
13 that we almost have a hotel?

14 MR. KATZ: Sooner than that. It
15 should be pinned down in a few days. I mean,
16 we have a tentative hotel, but it's not legal
17 yet.

18 CHAIRMAN MELIUS: Okay.

19 MEMBER ANDERSON: Which day is it
20 going to be?

21 MR. KATZ: It is the 28th.

22 MEMBER ANDERSON: Okay. Because I

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1 was holding the 29th and 30th as well.

2 MR. KATZ: Right. No. I think I
3 sent out a notice, but it's the 28th. And it
4 will be a very full day but just that day.

5 MEMBER ANDERSON: Okay. So we
6 should be able to leave the 28th?

7 MR. KATZ: Well, in the evening.

8 MEMBER ANDERSON: Yes.

9 CHAIRMAN MELIUS: We are
10 scheduled. The draft schedule, we have
11 tentatively an update on General Steel, the
12 Joslyn petition --

13 MEMBER ANDERSON: Yes.

14 CHAIRMAN MELIUS: -- and then the
15 Kansas City petition. And then we have a
16 public comment period on the --

17 MEMBER ANDERSON: Yes.

18 CHAIRMAN MELIUS: -- well, mostly
19 focus on the Kansas --

20 MEMBER ANDERSON: So plan to leave
21 on the 29th?

22 MR. KATZ: Yes. Andy, I think

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1 that would be safer --

2 MEMBER ANDERSON: Okay.

3 MR. KATZ: -- because there may be
4 a lot of people from the local Kansas City

5 MEMBER ANDERSON: Yes.

6 MR. KATZ: -- that may come for
7 comment and we need --

8 MEMBER ANDERSON: Okay. Great.
9 Thank you.

10 CHAIRMAN MELIUS: Or later in the
11 evening of the --

12 MEMBER ANDERSON: Yes.

13 CHAIRMAN MELIUS: -- 28th. You
14 Midwesterners can

15 MEMBER ANDERSON: It may work.
16 I'll have to check it out.

17 CHAIRMAN MELIUS: Yes.

18 MEMBER MUNN: This is Wanda. I
19 would like a little guidance if you
20 anticipate some sort of Procedures
21 presentation in Kansas City.

22 CHAIRMAN MELIUS: I don't think

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1 we'll have a -- given how tight the schedule
2 is, we will not do a Procedures presentation
3 at this meeting.

4 MEMBER MUNN: That's why I asked.
5 It sounded like it was very tight, I mean.

6 CHAIRMAN MELIUS: Yes. Any
7 questions or comments on the agenda?
8 Anything else you think that we've missed?

9 (No response.)

10 CHAIRMAN MELIUS: Okay. Any other
11 Board business anybody would like to discuss?

12 (No response.)

13 CHAIRMAN MELIUS: If not, I'll
14 entertain a motion to adjourn.

15 MEMBER MUNN: So moved.

16 CHAIRMAN MELIUS: Okay. Wanda.
17 Is there a second to that?

18 MEMBER BEACH: I'll second it.
19 This is Josie.

20 CHAIRMAN MELIUS: Okay. Anybody
21 opposed?

22 (No response.)

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1 CHAIRMAN MELIUS: Okay. Everybody
2 have a happy holidays.

3 MEMBER MUNN: Same to you.

4 MEMBER BEACH: Thanks, Jim. You,
5 too.

6 CHAIRMAN MELIUS: I guess some of
7 you will be talking in a day or two with TBD
8 6000, but the rest of us I guess will be
9 talking to each other, seeing each other in
10 January. So, again, have a good holidays and
11 --

12 MEMBER KOTELCHUCK: Same.

13 CHAIRMAN MELIUS: Thank you.

14 MR. KATZ: Have a great holidays,
15 everyone. Take care.

16 (Whereupon, the foregoing matter
17 was concluded at 12:24 p.m.)
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