

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

+ + + + +

87th MEETING

+ + + + +

MONDAY, NOVEMBER 5, 2012

+ + + + +

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

PRESENT:

JAMES M. MELIUS, Chairman
HENRY ANDERSON, Member
JOSIE BEACH, Member
R. WILLIAM FIELD, Member
MARK GRIFFON, Member
DAVID KOTELCHUCK, 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
BATT, CHRISTINA, CDC
DETWEILER, NORA, Brookhaven National Lab
HINNEFELD, STU, DCAS
KINMAN, JOSH, DCAS Contractor
KOTSCH, JEFF, DOL
LIN, JENNY, HHS
NETON, JIM, 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: Okay, let's get
4 started, at least let's get roll call going.
5 So, we'll begin with Board Members.

6 We don't have any SECs on the
7 agenda for action today, so I don't think I
8 need to address conflict of interest, because
9 we don't have any items related to that. So,
10 this should be simple.

11 But, let me run the roll call.

12 (Roll call.)

13 MR. KATZ: Okay, so be it, we have
14 more than a quorum. Very good.

15 The Board agenda is on the NIOSH
16 website under the meeting section today's
17 date, and it's a pretty simple agenda, no
18 action items on it.

19 And, Jim, it's your agenda.

20 CHAIRMAN MELIUS: The first item
21 on the agenda is, actually, I have as
22 recording absent votes, so Ted?

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1 MR. KATZ: Right, exactly.

2 So, we had Board votes at the
3 Denver meeting in September on seven different
4 SECs, and this is just to record votes, to
5 complete the votes considering the absentee
6 Members. So, I'll just run down the list, and
7 these votes were completed as of October 16th,
8 which set in motion then letters of the Board
9 to the Secretary on these.

10 So, we have Oak Ridge National
11 Laboratory. That was a unanimous decision to
12 approve the petition, including the missing
13 Members' votes.

14 Los Alamos National Laboratory,
15 that was 13 in favor, one against, to approve
16 the petition.

17 Weldon Spring, that was 13 to 4 to
18 deny the petition.

19 There was a Mound 83.14, that was
20 unanimous to approve the petition.

21 A Mound 83.13, was unanimous to
22 deny the petition.

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1 A United Nuclear, that was 16 in
2 favor and one opposed, in favor of denying the
3 petition.

4 And, Nuclear Metals, Corp., that
5 was unanimous to approve the petition.

6 And, that completes the votes.
7 And, the recusals for these, Oak Ridge
8 National Lab were Lockey, Poston, Ziemer.

9 For Los Alamos, Poston, Schofield
10 and Valerio.

11 For Weldon Spring, Beach -- oh,
12 no, those aren't -- no recusals for Weldon
13 Spring, excuse me.

14 MEMBER LOCKEY: Ted?

15 MR. KATZ: Yes.

16 MEMBER LOCKEY: Jim Lockey, I'm
17 sorry. I had trouble with my phone. I
18 couldn't --

19 MR. KATZ: Okay, welcome.

20 MEMBER LOCKEY: Okay.

21 MR. KATZ: Glad to have you.

22 For Mound Gibson and Lockey

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1 recused, both of the Mound actions.

2 And, no recusals for the remaining
3 two, United Nuclear and Nuclear Metals.

4 And, that completes the vote
5 registration for the September meeting.

6 Back to you, Jim.

7 CHAIRMAN MELIUS: Okay. Thanks,
8 Ted.

9 Our next item on our agenda is the
10 petition status update, LaVon?

11 MR. HINNEFELD: This is Stu
12 Hinnefeld. I'm going to try and cover for
13 Bomber on this, because he's preparing to
14 travel, and is, actually, not feeling that
15 great either. So, he's in for a rough week,
16 I'm afraid.

17 CHAIRMAN MELIUS: I thought he was
18 embarrassed because of the Battelle report
19 that he promised us.

20 MR. HINNEFELD: Well, he contends
21 that he never promised it. So --

22 CHAIRMAN MELIUS: Oh, I don't

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1 know. I've got the transcript here, I'll look
2 it up.

3 MR. HINNEFELD: Battelle is moving
4 along, it would be awfully close, we think, to
5 the Board meeting.

6 CHAIRMAN MELIUS: No, that's fine.
7 That's fine.

8 MR. HINNEFELD: We didn't think it
9 would be there in time for the Board to have a
10 look at.

11 CHAIRMAN MELIUS: That's -- we
12 appreciate that part also.

13 MR. HINNEFELD: Okay. There are
14 three items that we give these Evaluation
15 Reports to the Board. These we are confident
16 will make it.

17 One is the Savannah River Site
18 Addendum. This addendum addresses thorium
19 exposures after 1972.

20 Joslyn Manufacturing is our
21 initial presentation of an 83.13 petition from
22 Joslyn Manufacturing. I believe that is a

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1 metal firm in Fort Wayne, Indiana.

2 And, the Battelle King Avenue
3 facility, which is in Columbus, Ohio, we'll be
4 bringing our initial Evaluation Report for an
5 83.14 petition for Battelle King Avenue for a
6 limited period of years. This is for some --
7 I think it goes up through about the mid '50s,
8 period of evaluation.

9 MR. KATZ: Stu, let me just
10 interrupt a second. For people on the phone,
11 I normally give this advice but I didn't on
12 the front end of this call. Please mute your
13 phones, except for those who are, actually,
14 speaking. And, if you don't have a mute
15 button, if you press *6 that will mute your
16 phone. Pressing *6 again will take your phone
17 off of mute. But, please, mute your phones,
18 everyone but the person who is speaking to the
19 Board at the time.

20 Thank you.

21 CHAIRMAN MELIUS: Stu, did you
22 have anything else?

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1 MR. HINNEFELD: No, those three
2 are the three Evaluation Reports we expect to
3 be new for the December Board meeting. Any
4 other actions I think would come as a result
5 of Work Group meetings that might occur
6 between now and then.

7 CHAIRMAN MELIUS: Okay. Board
8 Members, do you have any questions for Stu on
9 those? Okay.

10 Thanks, Stu, and tell LaVon we
11 hope he feels better.

12 MR. HINNEFELD: I certainly will.
13 Thanks.

14 CHAIRMAN MELIUS: Okay. Updates
15 from Work Groups and Subcommittees? Anybody,
16 any chairs of any Work Group or Subcommittee
17 that wish to provide updates?

18 MEMBER MUNN: Yes, Jim, this is
19 Wanda.

20 CHAIRMAN MELIUS: Okay.

21 MEMBER MUNN: Subcommittee on
22 Procedures Review met November the 1st at

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1 Cincinnati, and had a rather full agenda.

2 We covered a variety of issues.
3 We are pleased to report that the Board
4 reporting system is in good operating
5 condition. It suffers from occasional digital
6 malaise that I think all of our systems do,
7 but for the most part it's functioning very
8 well.

9 It's being populated with an
10 additional set of White Papers and related
11 materials, so that we will have better
12 opportunities to access those materials
13 quickly, and while we are in session. That's
14 moving along at a fairly brisk rate.

15 We are looking at a number of
16 PERs, several OTIBs. Our report for the
17 totals that we are tracking has changed a
18 little bit, enough to be significant to us.
19 Our total number of findings that we are
20 dealing with remains at 576.

21 We have closed 345 of those. We
22 have in abeyance, which means we have finished

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1 with them and they are simply waiting for the
2 final documentation to come out, is total of
3 about 81 or 14 percent of the number that we
4 have total.

5 And, we have addressed that issue
6 another time for about 23 of those, so we have
7 a total of 449 closed as far as we are
8 concerned, and that's about 80 percent, just
9 over 75 percent. We are pleased with the
10 progress we are making.

11 Our Designated Federal Official
12 suggested that, perhaps, as we close some of
13 these major items, it might be a good idea to
14 report that out to the Board. So, we have two
15 items to relay to you today that we believe we
16 have put to bed.

17 One is OTIB-70, which I remember
18 the crucial findings that you may recall, we
19 had multiple findings regarding residual
20 periods. And those dose reconstruction factors
21 for clean-up.

22 One of the key factors that we

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1 have now closed is the source term
2 depreciation rate that's changed from .01 per
3 day to .00067 per day.

4 And, the OTIB system that's
5 completed, including the removal of the
6 superfluous unused attachment fee, which was
7 in the original document that's now come out,
8 so that we have a good clean OTIB to work
9 with.

10 We've also dealt with the ER-12,
11 which was the evaluation of highly insoluble
12 plutonium compounds.

13 The Dose Reconstruction Committee
14 has selected cases for us to review in detail,
15 nine of them. Two of them were repeats of the
16 same case, and so eight cases were done in
17 real detail.

18 They focused on Type M and Type S
19 plutonium, and Dose Reconstruction procedures
20 were verified in accordance with OTIB-49.
21 There were no findings, that review is closed,
22 created for OTIB-49 is a major factor in the

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1 No Findings Report, and it's been described as
2 an excellent workbook, so we are pleased with
3 the report to SC&A.

4 Our next meeting is scheduled in
5 February, I believe February 5th, Tuesday,
6 February 5th, in Cincinnati, and that is the
7 total of our report.

8 CHAIRMAN MELIUS: Okay. Thank
9 you, Wanda.

10 Any questions for Wanda?

11 Okay. Any other Work Group or
12 Subcommittee chairs wish to report?

13 MEMBER ZIEMER: This is Ziemer. I
14 can report on TBD-6000.

15 CHAIRMAN MELIUS: Okay.

16 MEMBER ZIEMER: Our Work Group is
17 scheduled to meet November 28th. We will be
18 focusing on the General Steel Industries'
19 petition following up on the materials that we
20 presented to the Board at the last meeting,
21 which had to do with the use of surrogate data
22 on the GSI site, and some related issues. We

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1 are hopeful that we'll able to do complete the
2 recommendation on the petition itself in time
3 for the next full Board meeting.

4 CHAIRMAN MELIUS: Okay, great.
5 Good.

6 Any other Work Group chairs that
7 wish to report?

8 Okay, then --

9 MEMBER GRIFFON: This is Mark.

10 CHAIRMAN MELIUS: Okay, hey, Mark.

11 MEMBER GRIFFON: Just a quick
12 note. I mean, this isn't really a Work Group
13 meeting, but LaVon and SC&A, and I'm going to
14 join them, we are going to Rocky Flats in the
15 next two days, and there's going to be some
16 interviews in follow up to the new petition
17 that's out there.

18 CHAIRMAN MELIUS: Okay.

19 MEMBER GRIFFON: So, that's work
20 for our future Work Group meeting, I'm sure,
21 and I hope he's not too sick, because I don't
22 want to get sick.

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1 CHAIRMAN MELIUS: Okay. Good.
2 Okay.

3 Any other updates?

4 MEMBER BEACH: Jim, this is Josie.
5 I'll go ahead and following up on what Mark
6 just said.

7 Kansas City we are going to be
8 visiting the site there the first week of
9 December to do some on-site interviews and
10 data capture as well with SC&A and NIOSH.

11 CHAIRMAN MELIUS: Okay. Good.

12 Anybody else?

13 MEMBER BEACH: And again, this is
14 Josie, Worker Outreach meets this week on
15 Thursday. I think we should be able to wrap
16 up our review of Rocky Flats, and possibly
17 pick a new site to review.

18 CHAIRMAN MELIUS: Okay. Very
19 good. So, you got your -- you are getting
20 your NIOSH report?

21 MEMBER BEACH: Yes, we just got it,
22 actually.

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1 CHAIRMAN MELIUS: Okay.

2 MEMBER BEACH: Yes.

3 CHAIRMAN MELIUS: Very good.

4 Any other Work Group updates?

5 Okay. Board correspondence? I
6 don't believe we have anything new that's come
7 in since our last meeting.

8 And, Ted, do you want to update us
9 on the December Board meeting?

10 MR. KATZ: Sure, Jim.

11 We have -- we had a little hiccup
12 in the hotel arrangements by CDC, and so we
13 have a small change in venue.

14 We are going to be meeting, not in
15 Oak Ridge proper, but in Knoxville, for the
16 December meeting, which is December 11 and 12.

17 And, we'll be sending out
18 information on the hotel as soon as the sort
19 of pre-contact agreement is in place. But, it
20 will be -- so, don't call the hotel yet, but
21 it will be the Knoxville Hilton. And, that's
22 about less than 30 minutes from Oak Ridge,

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1 and, apparently, quite a few people from Oak
2 Ridge live in the Knoxville area. So, I am
3 hopeful that that will be convenient for some
4 folks from Oak Ridge.

5 CHAIRMAN MELIUS: One of the
6 problems with Oak Ridge we ran into were
7 holiday parties, which were taking the rooms
8 up that we would normally be able to utilize
9 for the meeting rooms that we normally
10 utilize.

11 MR. KATZ: Right, thanks, Jim.

12 CHAIRMAN MELIUS: Yes. We'll have
13 to remember, I guess remember that when we
14 schedule or something.

15 So anyway, we will plan on the
16 two-day meeting in December. We'll try to put
17 together the agenda. It's hard to tell, but
18 it will probably be the full -- I expect the
19 full two days, given that we have the three
20 new SECs, plus some other ones we are
21 finishing up. But, we'll put that together as
22 we can.

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1 And, as Ted said, he'll get the
2 notice out on the hotel and other
3 arrangements, but I think -- assume we can
4 plan on flying in and out of Knoxville for the
5 meeting.

6 And, I think that's all the
7 business we have on the agenda this time.

8 Anything else, Ted, we need to be
9 updated on?

10 MR. KATZ: No, no, that covers it.

11 And, as Jim says, we'll be getting
12 out a draft agenda for the Board Members for
13 the December meeting shortly, because we,
14 actually, have to get a Federal Register
15 notice out pretty quickly.

16 CHAIRMAN MELIUS: Okay.

17 MR. KATZ: So, we'll take care of
18 that.

19 CHAIRMAN MELIUS: Okay, good.

20 MEMBER RICHARDSON: This is Dave.
21 A question. You said that it would be the
22 full two days, meaning that we should fly in

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1 Sunday night?

2 CHAIRMAN MELIUS: No, Monday
3 night.

4 MEMBER RICHARDSON: I'm sorry,
5 Monday night, okay, for Tuesday and Wednesday.
6 That's fine.

7 CHAIRMAN MELIUS: For Tuesday and
8 Wednesday, yes.

9 MEMBER RICHARDSON: Okay, fine.

10 CHAIRMAN MELIUS: Yes.
11 Originally, we had it on the calendars as a
12 possibility of a three-day meeting, and for
13 some reason Thursday was not feasible for some
14 Board Members. So, we originally had it down
15 for Monday, Tuesday, Wednesday, but Monday --
16 we will not be meeting Monday. So, it's
17 Tuesday and Wednesday.

18 MEMBER RICHARDSON: Very good,
19 okay, thanks.

20 CHAIRMAN MELIUS: And, if we can,
21 if you plan coming in the night before, and if
22 we can we'll, you know, probably finish up

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1 some time, you know, Wednesday afternoon, but
2 that probably won't be early. You know, I
3 don't think we can finish up Wednesday
4 morning. So, it will probably be later in the
5 afternoon or early evening.

6 MEMBER RICHARDSON: Okay. No
7 problem.

8 CHAIRMAN MELIUS: For those to fly
9 out.

10 MEMBER RICHARDSON: Okay.

11 MEMBER KOTELCHUCK: Jim, Wednesday
12 afternoon fly out around 5:00, is that what
13 you are thinking?

14 CHAIRMAN MELIUS: Yes, 5:00 or
15 6:00 is my guess.

16 MEMBER KOTELCHUCK: Yes, that's my
17 guess.

18 CHAIRMAN MELIUS: And, I think
19 that hotel is close to the airport. Knoxville
20 is not that big, so it should be. I can't
21 recall.

22 MEMBER KOTELCHUCK: All right,

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1 thanks.

2 CHAIRMAN MELIUS: Yes. And, as
3 soon as we sort of pin down an agenda a little
4 bit more, which should be in the next week, we
5 can firm that up.

6 But, certainly, you know, 5:00 or
7 6:00 should not -- you know, 5:00 shouldn't be
8 a problem.

9 Okay. Okay, everybody, thanks
10 everybody, and everybody have a good
11 Thanksgiving, and we'll see you in December.

12 (Whereupon, the above-entitled
13 matter was concluded at 11:22 a.m.)

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