

**The Subcommittee for Dose Reconstruction
And Site Profile Review
of the
Advisory Board on Radiation and Worker Health
National Institute for Occupational Safety and Health
Centers for Disease Control and Prevention**

**Summary Minutes of the 13th Meeting
November 16, 2006**

The Thirteenth Meeting of the Subcommittee for Dose Reconstruction and Site Profile Review (the subcommittee) of the Advisory Board on Radiation and Worker Health (ABRWH or the Board) was held in Cincinnati, Ohio on November 16, 2006. The meeting was called to order by **Dr. Lewis Wade**, the Designated Federal Official, Centers for Disease Control and Prevention's (CDC) National Institute for Occupational Safety and Health (NIOSH). These summary minutes, as well as a verbatim transcript certified by a court reporter, are available on the internet on the web site of the NIOSH/Office of Compensation Analysis and Support (OCAS) located at www.cdc.gov/niosh/ocas. Those present included the following:

Subcommittee Members: Mr. Brad Clawson, Mr. Michael Gibson (via telephone), Mr. Mark Griffon, Ms. Wanda Munn, and Dr. Genevieve Roessler.

Designated Federal Official: Dr. Lewis Wade, Executive Secretary

Federal Agency Attendees:

Department of Health and Human Services: Mr. Stuart Hinnefeld, Ms. Liz Homoki-Titus (via telephone), Ms. Emily Howell, Mr. Ted Katz (via telephone).

Government Accountability Office: Mr. Bob Sampson (via telephone).

Contractors:

Oak Ridge Associated Universities (ORAU team): Mr. Jack Fix (via telephone), Mr. Ed Maher, Mr. Mutty Sharfi, Ms. Susan Winslow (via telephone).

Sanford Cohen & Associates: Dr. Hans Behling, Ms. Kathy Behling (via

meeting.

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**Review of Fourth Set of
Individual Dose Reconstructions**

Mr. Mark Griffon,
Acting Subcommittee Chair

Mr. Griffon began by announcing he had prepared a draft letter to the Secretary of Health and Human Services, conceptually approved at the last Board meeting, concerning the second and third sets of reviewed cases. Presentation to the full Board at their next meeting will close out those sets.

With the focus of this meeting being a formal review of the fourth set, **Mr. Griffon** suggested the procedure follow the previous protocol of a review of SC&A's finding on each case, arrival at an understanding of NIOSH's response to the findings, and a discussion where necessary.

There then followed an individual detailed review of cases 61 through 80, with each SC&A finding explained and each NIOSH response discussed in depth.

Findings included questions or observations related to photon dose, neutron dose, missed dose, dose conversion factors, ingestion intake, radiological incidents, records inconsistencies, solubility type, chronic versus acute intakes, environmental exposures, occupational medical exposures, fission products, CATI reports, workbook errors, inappropriate methodology and uncertainty errors. Some findings were determined to be site profile issues and would be more appropriately addressed by the working groups formed for that purpose.

No case had findings in each category, and some findings were confined to certain types of cases. Some findings SC&A agreed were resolved in NIOSH's response. Others required further exploration, with additional information to be provided by NIOSH, and further discussion between SC&A and NIOSH.

Cases 61 through 65, for example, all had findings related to the use of OTIB-04, and were discussed both individually and in relation to use of that particular Technical Information Bulletin.

Cases 67 and 68 had issues raised in the findings that NIOSH agreed

were such that a re-evaluation and rework was warranted.

Cases 75 and 77 had no findings at all.

Throughout the discussion there were questions raised about how dose reconstructors were provided with guidelines for their task, whether through written documentation or through weekly meetings.

There was also discussion related to terminology and a need for consistency between review findings, responses and the matrix, as well as the ability to track progress via the matrix.

Following the examination of the 20 cases, **Mr. Griffon** indicated he would update the matrix for the December Board meeting.

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Meeting Schedule

Mr. Mark Griffon
Dr. Lewis Wade

Mr. Griffon announced the morning of December 11, the first day of the full Board's meeting, had been set aside for the Subcommittee to meet.

Dr. Wade explained the plan is to hold an hour aside for the Subcommittee to consider the selection of the seventh round of dose reconstructions for review. The eighth set could be considered in the February meeting. **Dr. John Mauro** and **Ms. Kathy Behling** agreed that schedule was satisfactory for their purposes.

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Update on Fifth and Sixth Review Sets

Ms. Kathy Behling,
Sanford Cohen & Associates

Ms. Behling indicated the SC&A review of the fifth set is complete, as are the conference calls with the assigned Board members and SC&A reviewers. She noted review of the sixth set is well underway, with the next set of conference calls due to take place toward the end of December.

