

U.S. Environmental Protection Agency
Science Advisory Board
Committee: Advisory Council on Clean Air Compliance Analysis (Council)
Air Quality Modeling Subcommittee (AQMS)
Public Teleconference

Summary Minutes of Public Teleconference
Date: May 30, 2003

Subcommittee Members: (See Roster - Attachment A.)

Date and Time: 2 p.m. to 3:30 pm, May 30, 2003 (See Federal Register Notice - Attachment B).

Location: By teleconference only

Purpose: The purpose of the call was to provide the Air Quality Modeling Subcommittee (AQMS) with the opportunity to: (1) clarify the charge question related to the "Benefits and Costs of the Clean Air Act 1990-202; Revised Analytical Plan for EPA Second Prospective Analysis;" (2) understand recent Agency decisions to defer several charge questions and revise review material and; (3) discuss scheduling of review activities, given a previously announced public meeting of the AQMS on June 11-13, 2003 in Washington, DC in light of recent Agency decisions.

Attendees: Chair: Dr. David Allen; AQMS Members: Dr. David Chock, Dr. Dennis Alan Hansen, Dr. Harvey Jeffries, Dr. Paulette Middleton, Mr. Ralph Morris, and Mr. James Price; SAB Members: Dr. Dale Hattis

SAB Staff: Dr. Angela Nugent, Designated Federal Official.

Other Persons Attending: From EPA: James DeMocker, Patricia Komen, Lisa Connor, Harvey Richmond, John Langstaff, Harvey Richmond. EPA Contractors: Sharon Douglas, ICF Consulting/SAI; Jim Neumann, IEC; Henry Roman, IEC; Pratap Penumalli, IEC; Jim Wilson, Pechan.

Meeting Summary:

The discussion departed in part from the issues and timing as presented in the meeting Agenda (see Meeting Agenda - Attachment D). The teleconference lasted until 3:30 p.m. There were no written comments submitted to the Committee, and there was no written request to present public comments during the discussion.

Welcome and Introductions - Dr. Angela Nugent, Designated Federal Official (DFO) took roll and opened the session at 2:00 p.m.. Dr. David Allen, the Chair, welcomed members of the Subcommittee (Roster, Attachment A).

Discussion of Charge to the Council and Recent Agency Decisions

Dr. Allen asked the DFO to provide some background about the statutory mandate for the Council and the past work of the AQMS. Dr. Nugent reviewed the statutory language of section 812 of the Clean Air Act Amendments of 1990 and described the AQMS's past focus on emissions inventory and air quality modeling as part of the exposure component of past Section 812 Studies. In the past the AQMS has both drafted "self-standing" reports to the Administrator that were approved by its parent Federal Advisory Committee and also contributed to reports from the Council directly to the Administrator.

Dr. Allen then asked the Agency to describe recent changes that have caused a dramatic change in the calendar of the Council and its two subcommittees. He suggested that these changes may allow AQMS members to obtain more information from the Agency and allow for more considered advice.

One member of the AQMS asked about the extent of the analytical work already completed on the Section 812 Study. Mr. DeMocker responded that the Agency has currently completed only the "blueprint" analytical plan.

Mr. DeMocker described the recent decisions by the Agency to revise major sections of the document sent to AQMS members in mid-May and the commitment made on May 28, 2003 to complete these revisions within a three-to-four week timeframe. He clarified that the sections to be changed did not include Chapter 2 or the charge questions regarding the approach to emissions inventories or air quality modeling, topics that are the domain of the AQMS. The Agency had planned to begin analysis in these topic areas as the first steps in the 812 analytical process. Dr. Nugent then described her efforts to gather information to be used in rescheduling the joint meeting of the Council, the AQMS, and the Council's other Subcommittee, the Health Effects Subcommittee (a meeting previously planned for June 11-13, 2003 and postponed by the Council, given recent Agency decisions) for sometime during the July-August-September timeframe.

The AQMS then considered whether the Subcommittee should wait until the joint meeting was rescheduled, or should hold a separate meeting in the window of time AQMS members had already allocated to review work, June 11-12, 2003. Several members spoke of the usefulness of having a short meeting in June where the Agency would walk the Subcommittee through the major parts of the analysis relevant to its work, answer Subcommittee members' questions, and receive initial extemporaneous input to EPA's proposed approach.

No objections were made to such a meeting, and the Council decided to hold the meeting on June 12, 2003, with Dr. Paulette Middleton, former chair of the AQMS participating by teleconference in part of the meeting. Since she couldn't attend the meeting in person, Dr. Middleton asked the DFO to set up a premeeting teleconference with the Chair, to distribute her

written comments for consideration by the Subcommittee at the June 12th meeting, and to set up a post-meeting teleconference with the Chair, if needed.

The Subcommittee then discussed the structure of the one-day meeting, which would begin early on June 12th and end no later than 5 p.m. The Subcommittee agreed that two-thirds of the meeting would be devoted to briefings and preliminary discussions of major topics and one-third to discussion of the structure of a report for the Council and assignment of responsibilities for writing this report, which would be presented to the Council at its meeting. Public teleconferences, as needed, could be scheduled for Subcommittee members to discuss issues raised by the draft.

The next items of discussion were the topics and nature of Agency briefings at the June 12, 2003 meeting. The Subcommittee agreed that the topics should include the following:

1. Overview of Study Goals
2. Overview of Scenarios
3. Emissions
4. Air Quality Modeling Plans
5. Uncertainty
6. Intermediate Data and Data Set Comparisons
7. Additional issues (Briefer discussions of hazardous air pollutants case study and stratospheric ozone depletion).

Briefings should include discussions of where and how the Agency planned to update parts of the analysis. Mr. DeMocker agreed. He noted that the control scenarios would be revised to drop the mercury MACT and that Pathway 2, (page 2-14) would not include an alternative compliance pathway for new source review, as described in the analytical plan delivered to the Subcommittee members in May.

Dr. Allen asked the DFO to work with the Agency to identify for AQMS Members the charge questions not deferred that were appropriate for AQMS attention.

The Chair asked the DFO to provide Subcommittee members in need of the recent National Research Council Report, *Estimating the Public Health Benefits of Proposed Air Pollution Regulations*, with a copy of the report. Subcommittee members Morris, Hansen, Jeffries, Middleton and Price indicated a need for the document. The Chair identified the "homework" for subcommittee members prior to the June 12, 2003 meeting:

1. to review the charge questions for the AQMS
2. to review the analytical plan, especially chapter 2, chapter 3 (emissions), chapter 5 (air quality modeling), and Appendix B
3. to read the NRC report.

He also asked members to capture in writing their comments and critiques of sections of the Agency plan as they conducted their review

Action items:

1. The AQMS will meet for a one-day meeting June 12; the DFO to work with EPA contractors on Subcommittee members' travel needs
2. The DFO to set up a teleconference for Drs. Middleton and Allen prior to the June 12th meeting
3. The DFO to work with the Agency to identify for AQMS Members the charge questions not deferred that were appropriate for AQMS attention
4. DFO to provide Subcommittee members in need of the recent National Research Council Report, *Estimating the Public Health Benefits of Proposed Air Pollution Regulations*, with a copy of the report.
5. Subcommittee members to complete the following "homework" prior to the June 12, 2003 meeting:
 - a. to review the charge questions for the AQMS
 - b. to review the analytical plan, especially chapter 2, chapter 3 (emissions), chapter 5 (air quality modeling), and Appendix B
 - c. to read the NRC report.

At 3:30 p.m., Dr. Allen adjourned the teleconference with thanks to the Subcommittee members for their participation.

Respectfully Submitted: /s/ Angela Nugent

Designated Federal Official

Certified as True: /s/ David Allen

Chair

NOTE AND DISCLAIMER: The minutes of this public meeting reflect diverse ideas and suggestions offered by the Council members and consultants to the Agency during the course of deliberations within the meeting. Such ideas, suggestions and deliberations do not necessarily reflect definitive consensus advice from the Council. The reader is cautioned to not rely on the minutes to represent final, approved, consensus advice and recommendations offered to the Agency. Such advice and recommendations may be found in the final advisories, commentaries, letters, or reports prepared and transmitted to the EPA Administrator following the public meetings.

Attachment A - Roster

**U.S. Environmental Protection Agency
Science Advisory Board
Advisory Council on Clean Air Compliance Analysis
Air Quality Modeling Subcommittee***

CHAIR

Dr. David T. Allen, The Henry Beckman Professor in Chemical Engineering, Department of Chemical Engineering, University of Texas , Austin, TX

CONSULTANTS

Dr. David Chock, Leader, Environmental Modeling Group, Physical and Environmental Sciences Department, Research and Advanced Engineering, Ford Motor Company, Dearborn, MI

Dr. Dennis Alan Hansen, Manager, Tropospheric Studies, Environmental Sector, Electric Power Research Institute (EPRI), Palo Alto, CA

Dr. Harvey E. Jeffries, Professor, Department of Environmental Sciences and Engineering, School of Public Health, University of North Carolina, Chapel Hill, NC

Dr. Paulette Middleton, President, Panorama Pathways, Boulder, CO

Mr. Ralph Morris, Principal, Air Sciences Group, Environ Corp., Novato, CA

Dr. James Price, Senior Scientist, Technical Analysis Division, MC-164, Texas Natural Resource Conservation Commission, Austin, TX

Dr. Armistead Russell, Georgia Power Distinguished Professor of Environmental Engineering, Environmental Engineering Group, School of Civil and Environmental Engineering, Georgia Institute of Technology, Atlanta, GA

Dr. Chris Walcek, Senior Research Scientist, Department of Atmospheric Sciences, Atmospheric Sciences Research Center, SUNY , Albany, NY

SCIENCE ADVISORY BOARD STAFF

Dr. Angela Nugent, Designated Federal Officer, 1200 Pennsylvania Avenue, NW, Washington, DC, Phone: 202-564-4562, Fax: 202-501-0323, (nugent.angela@epa.gov)

* Members of this SAB Panel consist of

a. SAB Members: Experts appointed by the Administrator to serve on one of the SAB Standing Committees.

b. SAB Consultants: Experts appointed by the SAB Staff Director to a one-year term to serve on ad hoc Panels formed to address a particular issue.

Attachment B - Federal Register Notice

Science Advisory Board; Advisory Council on Clean Air Compliance
Analysis; Notification of an Upcoming Public Meeting and Three
Planning Teleconferences

[Federal Register: May 14, 2003 (Volume 68, Number 93)]
[Notices]
[Page 25882-25883]
From the Federal Register Online via GPO Access [wais.access.gpo.gov]
[DOCID:fr14my03-54]

ENVIRONMENTAL PROTECTION AGENCY
[FRL-7498-3]

Science Advisory Board; Advisory Council on Clean Air Compliance
Analysis; Notification of an Upcoming Public Meeting and Three Planning
Teleconferences

AGENCY: Environmental Protection Agency (EPA).
ACTION: Notice.

SUMMARY: The EPA Advisory Council on Clean Air Compliance Analysis
(Council) is announcing a public meeting and a public planning
teleconference. It is also announcing planning teleconferences for its
two subcommittees, the Air Quality Modeling Subcommittee (AQMS) and the
Health Effects Subcommittee (HES).

DATES:

May 28, 2003: The planning teleconference call meeting for the
Council will be held from 12 to 2 p.m. (eastern time).

May 29, 2003: The planning teleconference call meeting for the HES
will be held from 12 to 1:30 p.m. (eastern time).

May 30, 2003: The planning teleconference call meeting for the AQMS
will be held from 2 to 3:30 p.m. (eastern time).

June 11-13, 2003: The public meeting for the Council will begin
June 11, at 9 a.m. and adjourn on June 13, 2003, no later than 2 p.m.
(eastern time) on that day. The meeting agenda will be posted on the
SAB Web site, <http://www.epa.gov/sab/agendas.htm>, one week before the
meeting.

ADDRESSES: The public meeting of the Council will be held in Washington, DC. The meeting location will be announced on the SAB Web site, <http://www.epa.gov/sab>. For further information concerning the public meeting, please contact Dr. Angela Nugent, DFO (see contact information below). Participation in the teleconference call meetings will be by teleconference only.

FOR FURTHER INFORMATION CONTACT: Any member of the public wishing further information regarding the public meeting may contact Dr. Angela Nugent, Designated Federal Officer (DFO), U.S. EPA Science Advisory Board by telephone/voice mail at (202) 564-4562 or via e-mail at nugent.angela@epa.gov. Members of the public who wish to obtain the call-in number and access code to participate in any of the teleconference meetings must contact Ms. Sandra Friedman, EPA Science Advisory Board Staff, at telephone/voice mail: (202) 564-2526, via e-mail at: Friedman.Sandra@epa.gov. General information about the SAB can be found in the SAB Web site at <http://www.epa.gov/sab>.

SUPPLEMENTARY INFORMATION:

Summary: Pursuant to the Federal Advisory Committee Act, Pub. L. 92-463, notice is hereby given that the Council will hold a public meeting to provide advice to the EPA on the Agency's plan to develop the third in a series of statutorily mandated comprehensive analyses of the total costs and total benefits of programs implemented pursuant to the Clean Air Act, and that the Council and its two subcommittees will also hold public teleconferences to plan for the public meeting. The dates and times for both the meeting and teleconference are provided above.

Background: Background on the Council, its subcommittees, and on the advisory project that will be the focus of the meeting and teleconferences described in this notice was provided in a Federal Register notice published on February 14, 2003 (68 FR 7531-7534).

In forming the Health and Ecological Effects Subcommittee discussed in that Federal Register notice, the Science Advisory Board Staff Office received nominations for health effects experts. It has therefore decided to rename the Subcommittee as the "Health Effects Subcommittee" of the Council and to work with the Council to form a new subcommittee to focus on ecological effects or to develop another appropriate mechanism to consider and give due attention to ecological effects, including coordination with a new SAB

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Committee on "Valuing the Protection of Ecological Systems and Services."

Meeting Accommodations: Individuals requiring special accommodation to access the public meetings listed above, should contact the DFO at least five business days prior to the meeting so that appropriate arrangements can be made.

Dated: May 8, 2003.

Robert Flaak,

Acting Deputy Director, EPA Science Advisory Board Staff Office.

[FR Doc. 03-12028 Filed 5-13-03; 8:45 am]

BILLING CODE 6560-50-P

Attachment C - Agenda
U.S. Environmental Protection Agency
Science Advisory Board
Advisory Council on Clean Air Act Compliance Analysis (Council)
Air Quality Modeling Subcommittee
Public Teleconference - May 30, 2003, 2:00-3:30 pm Eastern Time

Draft Agenda

2:00 -12:15	Opening Remarks, Purpose of Meeting, Advisory Committee Operations, Introductions of Panel Members	Dr. David Allen, Chair Dr. Angela Nugent, SAB Members
2:15-12:30	Charge for June 11-13 Meeting <i>Is it clear and adequate, given the Council's mandate¹; and past history of the Council's review of the 812 Studies?</i>	Panel Members
2:30-2:40	Orientation to Analytical Blueprint	Mr. Jim DeMocker, EPA
2:40-3:00	Discussion of Analytical Blueprint <i>Is it clear and adequate to address the charge questions? Are supplemental materials needed?</i>	Panel Members
3:00-3:10	Council Schedule/Process for Review/ Report Preparation <i>Is it clear? Do changes need to be made?</i>	Panel Members
3:10-3:25	Draft Agenda for July 9-10, 2000 Meeting <i>Is it clear? Do changes need to be made?</i>	Panel Members
3:25-3:30	Summary of Next Steps	Dr. David Allen, Chair

¹ Specifically, subsection (g) of the Clean Air Act §312 (as amended by §812 of the amendments) states: "(g) The Council shall ___ (1) review the data to be used for any analysis required under this section and make recommendations to the Administrator on the use of such data, (2) review the methodology used to analyze such data and make recommendations to the Administrator on the use of such methodology; and (3) prior to issuance of a report required under subsection (d) or (e), review the findings of such report, and make recommendations to the Administrator concerning the validity and utility of such findings."