

Nov. 22, 2005

PROPOSED AGENDA
U.S. ENVIRONMENTAL PROTECTION AGENCY
SCIENCE ADVISORY BOARD
RADIATION ADVISORY COMMITTEE (RAC) RadNet REVIEW PANEL
National Air and Radiation Environmental Laboratory (NAREL)
540 South Morris Avenue
Montgomery, AL 36115

December 19 & 20, 2005

Purpose of Meeting: The purpose of this public meeting is to provide advice on the EPA's concept and plan for the air monitoring component of RadNet as described in the draft document entitled "*Expansion and Upgrade of the RadNet Air Monitoring Network*," dated October 2005, respond to the charge questions, and prepare an SAB draft report.

Monday, December 19, 2005:

8:30 a.m.	Convene the Meeting	Dr. K. Jack Kooyoomjian, <i>Designated Federal Officer (DFO)</i> <i>SAB Staff Office</i>
8:40 a.m.	Welcoming Remarks	Dr. Tony Maciorowski, <i>Associate Director for Science, SAB Staff Office</i>
8:45 a.m.	Introductory Remarks, Review of the Agenda and Introduction of Panelists and Guests	Dr. Jill Lipoti, <i>Chair, RAC's RadNet Review Panel</i>
9:00 a.m.	Overview of EPA's RadNet Network Introduction of Charge and Speakers Presentations on Draft Plan	Elizabeth A. Cotsworth, <i>Director, ORIA</i> Dr. Mary E. Clark, <i>Assistant Director for Science, ORIA</i> Dr. John Griggs and RadNet Team, <i>ORIA</i>

Day 1:Continued:

10:00 a.m.	BREAK	
10:30 a.m.	Examination of Monitors	RadNet Team & RAC's RadNet Review Panel
11:00 a.m.	Presentations on Draft Plan, Continued	RadNet Team
12:15 p.m.	LUNCH	
1:15 p.m.	Continued Discussion on Draft Plan and Perspectives of Agency Staff	Presenters TBA & Panel
2:15 p.m.	Public Comments: The Interested Public	Dr. K. Jack Kooyoomjian, <i>DFO, RadNet Review Panel</i> , as facilitator
2:25 p.m.	BREAK	
3:15 p.m.	Panel Discussion of Charge Questions #1, 2 & 3	Dr. Lipoti, <i>Chair</i> & Panelists
5:15 p.m.	Discussion of Assignments to Panel	Dr. Lipoti, <i>Chair</i>
5:30 p.m.	ADJOURN DAY 1	

Day #2:

Tuesday, December 20, 2005:

8:30 a.m.	Reconvene Panel	Dr. K. Jack Kooyoomjian, <i>Designated Federal Officer (DFO), SAB Staff Office</i>
	Planning Expectations for the Day's Activities	Dr. Lipoti, <i>Chair & Panelists</i>
8:45 a.m.	Panel Discussion of Charge Questions #1, 2 & 3: Continued	Panel
9:30 a.m.	<u>Group Discussion Session:</u> Includes Suggestions for Overall Approach in Response to Charge Questions, Discussion of Strategic Steps Toward Organizing for Review and Revision of Pre-Meeting Draft Materials, and Writing of New Materials	Panel
10:15 a.m.	BREAK	
10:45 a.m.	Writing Break-Out Session	Panel
12:15 p.m.	LUNCH	
1:30 p.m.	Re-Convene Writing Break-Out Session	Panel
3:00 p.m.	BREAK	
3:30 p.m.	Public Comments: The Interested Public	Dr. K. Jack Kooyoomjian, <i>DFO, RadNet Review Panel</i> , as facilitator

Day #2: Continued:

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| 4:00 p.m. | <u>Panel Discussion of Charge, Overview of Panel’s Observations, Findings, and Preliminary Recommendations to Agency Staff:</u>
Includes “Round-the-Table” Individual (non-Consensus) Comments of each Panelist, and Open Discussion | Dr. Lipoti, <i>Chair</i> & Panel as Individuals |
| 5:15 p.m. | Summary of Recommendations, Action items, and Next Steps, Including Proposed Teleconference Schedule for Review & Closure | Dr. Lipoti, <i>Chair</i> |
| 5:30 p.m. | ADJOURN: Day #2 | |

The Proposed Charge: The Agency's Office of Radiation and Indoor Air (ORIA) is requesting that the EPA Science Advisory Board (SAB) review and provide advice on a draft document entitled "*Expansion and Upgrade of the RadNet Air Monitoring Network*," (Vols. 1 & 2), dated October 2005. EPA seeks comments on the following specific charge questions:

Charge Question 1: Are the proposed upgrades and expansion of the RadNet air monitoring network reasonable in meeting the air network's objectives?

Charge Question 2. Is the overall approach for siting monitors appropriate and reasonable given the upgraded and expanded system's objectives?

- 2a) Is the methodology for determining the locations of the fixed monitors appropriate given the intended uses of the data and the system's objectives?
- 2b) Are the criteria for the local siting of the fixed monitors reasonable given the need to address both technical and practical issues?
- 2c) Does the plan provide sufficient flexibility for placing the deployable monitors to accommodate different types of events?
- 2d) Does the plan provide for a practical interplay between the fixed and deployable monitors to accommodate the different types of events that would utilize them?

Charge Question 3. Given that the system will be producing near real-time data, are the overall proposals for data management appropriate to the system's objectives?

- 3a) Is the approach and frequency of data collection for the near real-time data reasonable for routine and emergency conditions?
- 3b) Do the modes of data transmission from the field to the central database include effective and necessary options?
- 3c) Are the review and evaluation of data efficient and effective considering the decision making and public information needs during an emergency?
- 3d) Given the selected measurements systems are the quality assurance and control procedures appropriate for near real-time data?

The charge listed above can also be found on the Agency's ORIA Web site, as well as the Science Advisory Board website at www.epa.gov/sab/.

