

**U.S. ENVIRONMENTAL PROTECTION AGENCY  
SCIENCE ADVISORY BOARD  
RADIATION ADVISORY COMMITTEE (RAC)  
MULTI-AGENCY RADIATION SURVEY AND ASSESSMENT OF MATERIALS AND EQUIPMENT MANUAL  
(MARSAME) REVIEW  
Renaissance M Street Hotel  
1143 New Hampshire Avenue, NW; Washington, DC 20037**

**October 29, 30 & 31, 2007**

Purpose of Meeting: The purpose of this public meeting is for the Panel to discuss, deliberate and prepare the responses to the Charge Questions posed to the Panel by the Multi-Agency Work Group in review of the “**Multi-Agency Radiation Survey and Assessment of Materials and Equipment Manual (MARSAME)**,” December 2006 (NUREG-1575, Supp. 1; EPA 402-R-06-002; DOE/EH-707).

**Monday, October 29, 2007:**

9:00 a.m.	Convene the Meeting	Dr. K. Jack Kooyoomjian, <i>Designated Federal Officer (DFO), RAC MARSAME Review Panel, SAB Staff Office</i>
9:10 a.m.	Welcoming Remarks	Dr. Vanessa Vu, <i>Director, SAB Staff Office</i>
9:20 a.m.	Introductory Remarks	Dr. Lipoti, immediate past RAC Chair, and Dr. Bernd Kahn, RAC Chair
9:35 a.m.	Review of the Agenda and Introduction of Panelists and Participants	Dr. Bernd Kahn, RAC Chair and Chair of RAC MARSAME Review Panel
9:45 a.m.	Overview of Development of MARSAME	Ms. Elizabeth A. Cotsworth, <i>Director, ORIA</i>
10:00 a.m.	Highlights of Previous MARSAME Consultative Advice	Dr. Janet A. Johnson, former RAC Chair

*Day 1:Continued:*

- 10:15 a.m. Highlights of ORIA Current Activities, Background on MARSAME Manual, Previous SAB / RAC Reviews, and Introduction of Charge and Speakers  
Dr. Mary E. Clark, *Assistant Director for Science, ORIA*
- 10:30 a.m. **BREAK**
- 10:45 a.m. Presentations by Multi-Agency Work Group:  
Presentation #1: Design  
Presentation #2: Implementation  
Lt. Col. Craig Bias, USAF  
Dr. Robert A, Meck, US NRC
- 12:00 noon. **LUNCH**
- 1:15 p.m. Continued Presentations by Multi-Agency Work Group:  
Presentation #3: Assessment  
Presentation #4: Underlying Principles  
Capt. Colleen F. Petullo, USPHS & US EPA  
Dr. Carl V. Gogolak, Cabrera Services, Inc (Contractor to USAF)
- 2:45 p.m. Public Comments: The Interested Public  
Dr. K. Jack Kooyoomjian, *DFO* as facilitator
- 3:15 p.m. **BREAK**
- 3:30 p.m. Panel Plenary Discussion  
*Chair & Panel*
- 4:00 p.m. 1) **Design (Chaps 2-3; CQ 1a & 1b. Panel members Drs. Brooks, Davis, Fry, Griffith, Merges, and Vetter);**  
2) **Implementation (Chaps 4-5; CQ 1c & 2a. Panel members Dr. Borak, Mr. Duvall, Dr. Johnson, Dr. Links, & Dr. Lipoti);**  
and 3) **Decision-Making and Assessment (Chap 6; CQ 2b. Panel members Mr. Church, Dr. Dodd, Dr. Kahn, & Dr. Stram).**  
**Roadmap and Case Studies** to be conducted in Plenary Session.  
**Statistics** is infused in the Breakout Groups. (Initial Break-out discussions take place in main room on first day.)  
Panel & Participants in Planning Mode

*Day #1: Continued:*

5:15 p.m. Re-Cap & Summary of Review Process & Next Steps Panel *Chair*

5:30 p.m. **ADJOURN DAY 1**

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*Day #2:*

**Tuesday, October 30, 2007:**

8:30 a.m. Reconvene Panel Dr. K. Jack Kooyoomjian, *Designated Federal Officer (DFO), RAC MARSAME Review Panel, SAB Staff Office*

Planning Expectations for the Day's Activities Dr. Bernd Kahn, *RAC MARSAME Review Panel Chair & Panel*

8:45 a.m. Panel Discussion of Suggested Refinements for Responding to Charge Questions Panel

9:30 a.m. Plenary Group Discussion Session Panel

10:15 a.m. **BREAK**

10:45 a.m. Concurrent Break-Out Sessions Break-Out Groups

12:15 p.m. **LUNCH**

1:30 p.m. Re-Convene Concurrent Break-Out Sessions Break-Out Groups

3:00 p.m. **BREAK**

*Day #2: Continued:*

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|-----------|---|--|
| 3:30 p.m. | Panel Overview Discussion, of Observations and Identification of Coordination Areas for Break-out Sessions                    | Panel <i>Chair</i> , Panel Leads in Break-Out Sessions |
| 4:15 p.m. | Panel Plenary Session Highlighting Progress-to-Date, Discussion of Suggestions for Coordination, and “Mid-Course” Adjustments | Panel <i>Chair</i> , Panel Leads in Break-Out Sessions |
| 5:00 p.m. | Concurrent Break-Out Sessions: Continued  | Break-Out Groups                                       |
| 5:15 p.m. | Briefly Reconvene to Summarize Progress and Identify Action Items for <i>Day #3</i>   | Panel <i>Chair</i>                                     |
| 5:30 p.m. | <b>ADJOURN: Day #2</b>  |  |

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*Day #3:*

**Wednesday, October 31, 2007:**

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| 8:30 a.m. | Reconvene Panel   | Dr. K. Jack Kooyoomjian,<br><i>Designated Federal Officer (DFO)</i> |
|           | Planning Expectations for the Day’s Activities                      | Dr. Bernd Kahn, <i>RAC MARSAME Review Panel Chair &amp; Panel</i>   |
| 8:45 a.m. | Plenary Session for Panel Sharing and Discussion of Draft Materials | Panel <i>Chair</i> , Panel Leads & Panel                            |

*Day #3: Continued:*

9:30 a.m.	Multi-Agency Work Group Feedback on the MARSAME Review	EPA & Multi-Agency Work Group Staff TBA
9:45 a.m.	Concurrent Break-Out Sessions on Revising Draft Materials	Break-Out Groups
10:30 a.m.	<b>BREAK</b>	
10:45 a.m.	Concurrent Break-Out Sessions on Revising Draft Materials: Continued	Break-Out Groups
11:30 a.m.	Public Comments: The Interested Public	Dr. K. Jack Kooyoomjian, <i>DFO</i> , as facilitator
12:00 noon	Re-Convene to Present Findings, and Preliminary Recommendations to Multi-Agency Work Group	Panel
12:45.m.	Summary of Recommendations, Action Items, and Next Steps, Including Proposed Teleconference Schedule for Review & Closure	Panel <i>Chair</i>
1:00 p.m.	<b>ADJOURN: Day #3</b>	