

**U.S. ENVIRONMENTAL PROTECTION AGENCY SCIENCE ADVISORY BOARD
RADIATION ADVISORY COMMITTEE (RAC) AUGMENTED FOR ADVISORY
REVIEW OF EPA'S DRAFT TECHNICAL REPORT
"Considerations Related to Post-Closure Monitoring of Uranium In-Situ Leach/In-Situ
Recovery (ISL/ISR) Sites."**

Saint Regis Hotel, 923 16th Street and K Street NW, Washington DC 2006

Review Draft of July 18-19, 2011 for Discussion on July 12, 2011

Purpose of Meeting: The purpose of this public meeting is for the RAC to discuss, deliberate and prepare the responses to the Charge Questions and in review of the draft Technical Report entitled "Considerations Related to Post-Closure Monitoring of Uranium In-Situ Leach/In-Situ Recovery (ISL/ISR) Sites."

Monday, July 18, 2009:

9:00 a.m.	Convene the Meeting	Dr. K. Jack Kooyoomjian, <i>Designated Federal Officer (DFO), RAC SAB Staff Office</i>
	Welcoming Remarks	Dr. Vanessa Vu, <i>Director, SAB Staff Office</i>
9:15 a.m.	Introductory Remarks, Review of the Agenda, Introduction of Members, Consultants and Participants	Dr. Bernd Kahn, <i>RAC Chair</i>
9:30 a.m.	Overview of Development of the Draft Technical Report Introduction of Charge and Agency Presenters	Mr. Jonathan Edwards, <i>Director, RPD, ORIA</i> Dr. Mary E. Clark, <i>Assistant Director for Science, ORIA</i>
9:45 a.m.	Technical Overview and Highlights of EPA's Draft Document	Mr. Tom Peake, Ms. Andrea Cherepy, Mr. Daniel Schulteisz, et al
10:30 a.m.	BREAK	
10:45 a.m.	Technical Overview and Highlights of EPA's Draft Document, continued	EPA Representatives: Mr. Tom Peake, Ms. Andrea Cherepy, Mr. Daniel Schulteisz, et al
12:15 p.m.	LUNCH	
1:15 p.m.	Public Comments	Dr. K. Jack Kooyoomjian, <i>DFO, as facilitator</i>

- 1:45 p.m. General Discussion Dr. Bernd Kahn, *RAC Chair* and RAC and Participants
- 3:00 p.m. **BREAK**
- 3:15 p.m. **Plenary Discussion of Charge Question #1:** Chair & Augmented RAC
The technical areas described in the report and (Subgroup Leads, and
their relative importance for designing and Discussants as Appropriate
implementing a monitoring network. Identify any
technical considerations that have been omitted or
mischaracterized.
- 3:45 p.m. **Plenary Discussion of Charge Question #2:** Chair & Augmented RAC
The proposed approaches for characterizing (Subgroup Leads, and
baseline groundwater chemical conditions in the Discussants as Appropriate
pre-mining phase and proposed approaches for
determining the duration of such monitoring to
establish baseline conditions.
- 4:15 p.m. **Plenary Discussion of Charge Question #3:** Chair & Augmented RAC
The approaches considered for monitoring in the (Subgroup Leads, and
post-mining/restoration phase and the approaches Discussants as Appropriate
considered for determining when groundwater
chemistry has reached a “stable” level.
- 4:45 p.m. **Plenary Discussion of Charge Question #4:** Chair & Augmented RAC
Suitable statistical techniques that would be (Subgroup Leads, and
applicable for use with ISL/ISR mining applications Discussants as Appropriate
(particularly for the areas in Items 2 and 3 above),
as well as the subsequent data requirements for
their use.
- 5:15 p.m. Summary of Day’s Accomplishments, Writing Dr. Bernd Kahn, *RAC Chair*
Assignments, Action Items
- 5:30 p.m. **ADJOURN**

Day #2

Tuesday, July 19, 2011:

- 8:30 a.m. Reconvene Augmented RAC Dr. K. Jack Kooyoomjian,
*Designated Federal
Officer (DFO), RAC SAB
Staff Office*
- 8:45 p.m. Public Comments Dr. K. Jack Kooyoomjian,
DFO, as facilitator

9:15 a.m.	Open Discussion, Review and Re-Cap of Writing Assignments, and Presentation of Draft Materials	Dr. Bernd Kahn, <i>RAC Chair</i> and RAC M/C
10:15 a.m.	BREAK	
10:30 a.m.	WRITING SESSION	Chair and Augmented RAC Members
12:15 p.m.	LUNCH	
1:15 p.m.	Discuss Draft Written Responses to Charge	Dr. Bernd Kahn, <i>RAC Chair</i> and RAC M/C
2:45 p.m.	Summary and Next Steps	Dr. Bernd Kahn, <i>RAC Chair</i>
3:00 p.m.	ADJOURN	

Acronyms:

DFO – Designated Federal Officer

EPA - Environmental Protection Agency (U.S. EPA)

ISL – In-Situ Leach(ing)

ISR – In-Situ Recovery

M – Members of the RAC

C – Consultants to the RAC

ORIA – Office of Radiation and Indoor Air (ORIA)

RAC – Radiation Advisory Committee (U.S. EPA/SAB/RAC)

RPD – Radiation Protection Division/ORIA

SAB Science Advisory Board (U.S. EPA/SAB)