



## **Savannah River Site Citizens Advisory Board**

### **Environmental Remediation & Waste Management Subcommittee**

#### **Meeting Summary**

**April 26, 1995**

**Aiken, S.C.**

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The Environmental Remediation & Waste Management (ER&WM) Subcommittee Working Group met on Wednesday, April 26, 1995 from 5:00 p.m. to 8:30 p.m. at the Stevenson McClelland Building in Aiken. Bill Lawless presided over the meeting. Other CAB members present included Kathryn May and Brian Costner. Carl Froede of the Environmental Protection Agency Region IV office attended. Gerri Flemming, Ben Gould, Joan Baum and deLisa Bratcher of the Department of Energy's Savannah River Operations Office also attended. Attendees from Westinghouse Savannah River Company (WSRC) were Clay Jones, Charles Murphy, Leslie Huber, Mary Flora, Brian Aring, Hank Cormany and Anne Roe. Concerned public citizens in attendance were Kelly Jones, Lee Poe and Todd Crawford.

Bill Lawless opened the meeting with a brief background of the 3rd CAB motion, Independent Scientific Peer Review (ISPR) of A/M, F&H areas ground water remediation technologies. Ben Gould, DOE-SR coordinator for the ISPR, expressed DOE's support for the CAB and its recognition of the need to perform remediation work in a cost-effective and outcome-oriented manner. He also pointed out the aggressive schedule for the motion and pledged DOE support in securing a thorough independent review. Mr. Gould introduced Joan Baum as the DOE technical representative who will be supporting the ISPR. Carl Froede, EPA, said EPA will support the study and stressed that a clearly independent panel is needed. Lee Poe expressed concern about achieving a quality review in such a compressed time frame.

Next, a strawman statement of work (SOW) and the ISPR selection criteria were reviewed by the meeting attendees. Issues discussed included:

1. The need to have additional background information on A/M and F&H area ground water projects available with the SOW
2. Whether or not both A/M and F&H ground water remediation projects should be addressed in the statement of work
3. Cost of the ISPR and determination of the source of funding
4. Determining the appropriate technical point of contact for the ISPR team
5. Whether it is appropriate to limit the ISPR team to making all contacts for information

through the Subcontract Technical Representative (STR) only -- consensus -- it is not appropriate.

It was agreed that the statement of work be modified to include comments from the agencies and interested parties and to ensure that copies of the SOW and all ISPR correspondence is distributed to SCDHEC, CAB, DOE, EPA and other interested parties.

Clay Jones proposed a method for selecting the ISPR members. The proposal includes selecting a lead investigator for the ISPR who would in turn help select the remaining members with input from the CAB, the agencies and others. The lead investigator would serve as the main point of contact, manage the administrative and coordinating functions of the ISPR team, providing updates of the review process as needed and presenting the results of the ISPR to the full CAB on September 26, 1995. The team selection criteria, with comments from the meeting incorporated, stipulates:

1. Participants must be (and be perceived to be) independent of the DOE, EPA, and SC DHEC and/or its contractors -- that is not significantly dependent on DOE, EPA, or SC DHEC grants or contracts.

2. Participants should not be former or current SRS employees.

3. Selection should ensure key scientific, engineering, regulatory, and policy disciplines are represented on the team. Key disciplines include :

- ecology (including radio ecology)
- hydrogeology
- environmental regulation
- engineering/ remediation technology
- nuclear chemistry
- toxicology
- government and environmental policy
- qualitative risk evaluation
- ground water modeling
- cost estimating
- cost benefit analysis

4. Participants should have experience in the arena being evaluated.

5. Participants should be viewed as a recognized expert by their peers in their respective fields and multi-disciplinary specialists.

6. Participants should be viewed as objective based on prior work in the field.

7. Participants should be selected by consensus of the "selection team" consisting of

representatives of CAB, EPA, and DOE.

A resume for Dr. Joel W. Massman, was distributed for review as a potential candidate for lead investigator of the ISPR. Several of Dr. Massmanns published articles were requested for review. Copies of the resume and the articles are available upon request.

**Attachments:**

1. Issues to be addressed
2. SOW comments from Lee Poe to Clay Jones, 4/25/95
3. Strawman - Statement of Work
4. Revised Selection Criteria

**Issues to be addressed in future meetings**

- Health effects of tritium - July 1995
- Market Based Solutions involving compensation - July 1995
- Use of the Consolidated Incineration Facility (WM)
- Contaminated Soils Remediation (WM)
- Design for interim storage building for glass waste storage (WM)
- Tank farm decommissioning of empty tanks (WM)
- Automated procedures - access to procedures with hand held computer or laptop in the field
- Approved Standardized Corrective Action Design (ASCAD) process
- Draft FFA Implementation Plan
- Feasibility Study Screenings

**Note: Handouts may be obtained by calling the SRS CAB toll-free number at 1-800-249-8155.**