



SRS Citizens Advisory Board

Environmental Remediation & Waste Management Subcommittee

Meeting Record

July 24, 1995

Aiken, S.C.

The ER & WM Subcommittee of the SRS CAB met Monday, July 24, 1995 at the Aiken Municipal Center in Aiken, SC at 7:00 p.m. Subcommittee members present included Bill Lawless, Subcommittee Co-Chair, JoAnn Nestor, Anne Brown, Andrew Rea and Ann Loadholt. Jeff Crane and Constance Jones represented EPA-Region IV. SRS representatives included Coleman Miles, Bob Aylward, Anne Roe, Mary Flora, Ken Crase, Kim Wierzbicki, Tom Treger, Brian Hennessey, Joan Baum, Clay Jones, Gerri Flemming and Leslie Huber. Members of the public also attended. Also attending were representatives from the Consortium for Risk Evaluation and Stakeholder Participation (CRESP). Gerri Flemming of DOE-SR attended as the Deputy Designated Federal Official (DDFO).

Dr. Lawless welcomed everyone to the meeting, and opened with a discussion on replacing Myles Grant, recently resigned Co-Chair of this Subcommittee. Kathryn May was nominated. The full CAB will vote on filling this vacancy at its September meeting.

Charles Powers, spokesperson for the Consortium for Risk Evaluation and Stakeholder Participation (CRESP) noted that DOE-Headquarters has funded and tasked his group with developing a risk methodology that identifies stakeholder concerns while focusing on risk as it relates to remediation. The CRESP representatives are affiliated with the University of Washington and Rutgers University and will look at health and environmental impacts of remediation, worker health and safety and socio-/cultural impacts of remediation work to develop this methodology.

The next topic discussed was the draft risk report to Congress entitled Risks and the Risk Debate: Searching for Common Ground, "The First Step". This report has been issued to the public for review and comment. Comments are due to the Department of Energy by August 17, 1995. Dr. Lawless plans to request an extension of the comment period on this report. Lee Poe, citizen, volunteered to give the Subcommittee a review of the risk report at its August meeting. It was suggested that the Risk Management and Future Use Subcommittee receive this briefing with, or instead of, the ER & WM Subcommittee. This suggestion will be reviewed.

Dr. Lawless requested that Bill Rajczak attend the 7/25/95 CAB meeting to provide the CAB with an update on the activities of the Independent Scientific Peer Review that is being conducted for the F & H Groundwater Remediation projects.

Lee Poe requested that the ER & WM Subcommittee evaluate the design of the E-Area vaults, and other similar facilities planned for construction in industrial zoned areas, as defined by CAB Recommendation #2. The Subcommittee agreed to begin addressing this issue in August, by focusing on an overview of the planned usage and design standards of the E-Area Vaults and lifecycle costs of these facilities.

Dr. Lawless noted he requested SRS provide information at the August meeting on the High Level Waste program at the SRS and how plans for the HLW program impact the attainment rate of the Defense Waste Processing Facility. The projected attainment rate of 17% would cause a 65 year operating schedule for DWPF. SRS clarified that current plans have increased attainment rates in Fiscal Years 1996 & 1997 and only in FY98, does the attainment rate decrease. Lee Poe questioned whether this was consistent with the draft risk report to Congress, mentioned above. SRS will provide a briefing to the Subcommittee in August on these issues.

Dr. Lawless presented the Subcommittee with a draft recommendation to the DOE and National Institute of Occupational Safety and Health (NIOSH) regarding the effects of long-term tritium exposure on DNA. He would like to present this motion to the full Board at their 7/25/95 meeting for consideration. There was extensive discussion on this proposed recommendation; final consensus of the Subcommittee members was to present this proposed recommendation to the Board for consideration.

EPA and SRS requested that a discussion of the FFA Implementation Plan (FIP) be deferred until EPA has finished reviewing the document. The Subcommittee agreed, although Dr. Lawless requested EPA provide the full CAB with a briefing on the intent of the FIP on 7/25/95.

Dr. Lawless noted he did not intend to cover the Market Based Value proposal or the Consolidated Incineration Facility at the 7/25/95 CAB meeting. Additionally, Dr. Lawless provided a handout of various definitions of "independent" with regard to determining an acceptable meaning for independent scientific peer review (ISPR).

SRS provided the Subcommittee with an example of how DOE has implemented CAB Recommendation #2. Coleman Miles, WSRC-ER, gave a presentation of the results of the feasibility study screening process for the Old F-Area Seepage Basin Operable Unit. This waste unit is located in an industrial zone, as defined by Recommendation #2. This presentation provided a history of the waste unit, the nature and extent of contamination present in the soils and groundwater associated with this waste unit and various remedial alternatives that could be used to remediate this unit. The remedial alternatives presented varied, but reached cleanup levels that reflected acceptable risks for either the industrial scenario or the residential scenario. Cost, implementability and effectiveness of each of the remedial alternatives were also supplied in the presentation. Numerous questions and comments were generated during Mr. Miles' presentation, which were addressed by Mr. Miles and others familiar with this project.

Following Mr. Miles' presentation, Brian Hennessey provided the Subcommittee with an overview explanation of Recommendation #2 and explained the Old F-Area Seepage Basin Operable Unit relation to Recommendation #2.

Dr. Lawless adjourned the meeting. The next Subcommittee meeting will be in August. Notification of this meeting will be provided as meeting details are finalized.

Attachments:

- 1.
2. Proposed motion on Health Effects of Tritium
3. Old F-Area Seepage Basin Scoping Package
4. CAB Recommendation No. 2 & CERCLA Decision Diagram
5. Definition of Independence Handout

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