

ROCKY FLATS CITIZENS ADVISORY BOARD
MINUTES OF WORK SESSION
October 6, 1994

FACILITATOR: Reed Hodgkin

Reed Hodgkin called the meeting to order at 6:30 p.m. There was an introduction of Board members, staff and visitors present, and discussion of ground rules for meeting.

Board/Ex-Officio members present: Stuart Asay, Jim Burch, Jan Burda, Lloyd Casey, Chuck Clark, Ralph Coleman, Tom Davidson, Eugene DeMayo, Gislinde Engelmann, Kathryn Johnson, Jack Kraushaar, LeRoy Moore, Linda Murakami, David Navarro, Richard Seebass, Reginald Thomas, Gary Thompson, Beverly Lyne Wilber, Martin Hestmark, Leanne Smith, Steve Tarlton

Board/Ex-Officio members absent: Alan Aluisi, Lorraine Anderson, Gale Biggs, Tom Gallegos, Albert Lambert

Public/observers present: Robert Pressey (Technology Applications); T. J. Wilson (ICF Kaiser); Jack Krupansky (citizen); Kenneth Werth (citizen); Jill Paukert (EG&G); Allen Schubert (EG&G); T. E. DuPont (citizen); Liz Cone (ASG); Claire Sidell (citizen); Sujit Gupta (EG&G); Rick DiSalvo (RFFO/WMD); Christine Thiel (Montgomery Watson); Kelly Coleman (Colorado School of Mines); Sam Cole (PSR); Jim Navratil (Rust); Lea Anne Waggoner (CH2M Hill); Blaire Sparks (citizen); Gary Baughman (CDPHE); Becca DePenning (EG&G); Tim Mealey (Keystone Center); Todd Barker (Keystone Center); Sarah Stokes (Keystone Center); Beth Brainard (DOE/RFFO); Gaythia Weis (citizen); Tom Razo (TRC Companies); Jeanie Sedgely (RFLII); Mike Freeman (citizen); Joan Glickman (DOE-HQ); Andy McKean (Complete the Cycle Center); Kathaleen Bechard (DOE)

PRESENTATION: A Snapshot of Waste Management at Rocky Flats Today

Allen Schubert - EG&G, Waste Compliance Programs, gave a presentation on waste management at Rocky Flats. The purpose was to discuss current issues and developments in waste management, and to give background information to the Board.

Some current sources of waste at RF include surveillance and maintenance activities (filter exchanges, clothing, etc.). Projections are that future waste will be generated by closure/cleanup activities, facility deactivation, special nuclear materials consolidation, thermal and solution stabilization, economic development, residue consolidation and elimination, environmental restoration (expected to be a major source of future waste), technology development, analytical laboratories, and decontamination and decommissioning. Individuals who generate the waste will identify and document each waste stream. The waste streams are then sampled and analyzed. Four different categories of waste exist: radioactive (includes low-level, transuranic, and residues), mixed (includes low-level mixed, TRU mixed, and mixed residues), hazardous, and sanitary; and there are two typical types of waste material: liquid and solid.

The majority of both low-level waste and low-level mixed waste consists of combustibles. Within the TRU waste category, the primary contributors are glass, metals and combustibles; the major contributors to TRU mixed waste are metals and combustibles. Major contributors to residue waste are graphite and combustibles; for mixed residue waste it's ashes and oxides.

Waste management controls in place include state and federal regulations, DOE orders, and management plans and documents developed by site personnel and used at the site to instruct on how to manage the waste. There are significant waste minimization activities at the site - activities to guide waste minimization - including: waste assessment, development and demonstration of new technologies, evaluation of available technologies, and pollution prevention programs. In addition, the site has a significant recycling program in place. A new program in place on-site assists with the actual collection and packing of waste, which requires the use of controlled collection containers and has strict packaging requirements.

Waste treatment at the site varies, from evaporation and immobilization for low-level aqueous liquids, to solidification and supercompaction of various TRU/TRU-mixed wastes. Waste stored at RF: approximately 6,000 cubic yards of low-level waste; 14,000 cubic yards of low-level mixed waste (primarily pondcrete and saltcrete); 400 cubic yards of TRU waste and about 1,000 of TRU-mixed; hazardous = 183 cubic yards; and about 1,000 cubic yards of solid residues.

Currently the site has the capability to ship various types of low-level waste off-site to the Nevada Test Site, Hanford, and Envirocare; to ship non-radioactive hazardous waste to off-site TSDFs; and to utilize the onsite sanitary landfill for sanitary waste. Long-term future strategy for waste management includes the establishment of the Comprehensive Waste Management Plan to evaluate for the next 20 years projected waste that will be generated, and recommend options to accommodate that waste. In the short-term, RF plans to construct a centralized waste storage facility, and convert existing buildings for waste storage.

COMMITTEE REPORTS:

1) Executive Committee

- There was a discussion about whether Board members should be reimbursed for mileage when attending non-CAB meetings.
Recommendation: That a new policy on mileage reimbursement be drafted, which states that *"mileage will be reimbursed for CAB members attending CAB or CAB-sponsored meetings, and other Rocky Flats-related meetings approved by Board, Executive Committee, Chair or staff, provided the Board member has received approval for mileage reimbursement prior to attending the meeting."*
Action: Motion to accept. APPROVED. Staff will draft policy.

2) Site Wide Issues Committee

- **Recommendation:** Form a separate Plutonium Committee.
Action: Motion to accept. APPROVED. LeRoy Moore will serve as interim co-chair of the Plutonium Committee. First meeting will be on Tuesday, October 25 at 7 p.m., Rocky Flats Local Impacts Initiative office, 5460 Ward Road, Suite 205, Arvada.
- **Recommendation:** Authorize RFCA negotiators to proceed with concept of using CAB as non-binding arbitrator.
Action: Motion to have Site Wide Issues Committee develop a more specific recommendation and have questions answered prior to Board approval. APPROVED. The committee will meet before the November 3 Board meeting to rewrite this recommendation.

ROCKY FLATS CLEANUP AGREEMENT (RFCA) DISCUSSION: Negotiators on the RFCA distributed draft copies of Revision 7 to the Board and audience present. Negotiators are seeking assistance from CAB in organizing informal public comment before the final draft is released for 60-day formal public comment on November 15. The Board agreed to the following:

- **Recommendation:** Have the Community Outreach Committee host the RFCA negotiators at its October 17 meeting for a briefing on the content of the "REV7" document which was distributed at the Board meeting.
Action: Motion to accept. APPROVED. Staff will coordinate the meeting.
- **Recommendation:** Have the Community Outreach Committee plan for an open public workshop on October 26, co-sponsored by the Board, so that the public may provide informal feedback to the negotiators on REV7.
Action: Motion to accept. APPROVED. RFCA negotiators will coordinate this meeting in conjunction with the Community Outreach Committee.
- **Recommendation:** Suggest that Board members read the REV7 document on their own and provide comments to staff by November 3 for distribution to the negotiators.
Action: Motion to accept. APPROVED. Ken Korkia will collect and disseminate comments from Board to negotiators.

NOVEMBER EDUCATION OUTLINE:

- **Recommendation:** Approve proposed November Waste Management education program, amended to begin the Board business meeting at 6 p.m. and start waste management presentation at 8 p.m.
Action: Motion to accept as amended. APPROVED.

FEDERAL ADVISORY COMMITTEE ACT (FACA) DISCUSSION: The Board spent some time discussing the CAB becoming a FACA group. DOE has stated that the Board must adhere to FACA guidelines. Some Board members expressed concern about this possibility and the loss of the Board's independence and credibility. Others did not believe that this would effect the credibility of the group, and did not believe DOE would attempt to control the group. The Board made the following recommendations:

- **Recommendation:** That an ad-hoc committee on FACA be formed to investigate and report back to the Board on options and effects.
Action: Motion to accept. APPROVED. Ideally the committee would report back next month but it may take longer. Three to five members would be ideal. Volunteers to serve on the committee include Eugene DeMayo, Lloyd Casey, David Navarro, and LeRoy Moore.
- **Recommendation:** That a letter be sent to DOE headquarters detailing questions and comments stated by the Board at this meeting, with the specific request that DOE respond within a reasonable time frame.
Action: Motion to accept. APPROVED. Staff will draft letter.

NEXT MEETING:

Date: November 3, 1994, 6 - 9:30 p.m.
Location: 1) Westminster City Hall, Multi-Purpose Room (Board business - meeting starts at 6 p.m.)
2) City Council Chambers (presentation, Q/A and public comment - starts at 8 p.m.)
Agenda: • *The Regulation of Wastes*

ANNOUNCEMENTS: Environmental law course has been scheduled for December 2 and 3, and contractor forum has been scheduled for November 29, 6-8 p.m. Details will follow.

ACTION ITEM SUMMARY:

ASSIGNED TO:

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| 1) Draft mileage reimbursement policy | Staff |
| 2) Hold additional meeting to rewrite RFCA recommendation | Site Wide Issues Committee |
| 3) Coordinate meeting with RFCA negotiators to brief on RFCA | Staff / Community Outreach Committee |
| 4) Plan public workshop for informal comment on RFCA | Staff / Community Outreach Committee |
| 5) Read RFCA, REV7 document and provide comments to staff (Ken Korkia) | All Board members |
| 6) Establish ad-hoc FACA Committee, meet within one month | Staff |
| 7) Draft letter to DOE headquarters regarding FACA issue | Staff |
| 8) Review proposal by Andy McKean re: educational exhibit at Lowry Air Force Base on Rocky Flats | Community Outreach Committee |

MEETING ADJOURNED AT 10 P.M.

* Taped transcript of full meeting is available in CAB office.

BOARD / QUESTION AND ANSWER PERIOD TO WASTE MANAGEMENT BRIEFING:

- Question:** Are you expecting to have as much storage capacity as listed on last graph?
Answer: That is being evaluated. Current recommendations for on-site storage include projections for a significant quantity of low-level mixed waste.
- Question:** This doesn't include importing waste?
Answer: No, just on-site generation of waste. The ER 2000 initiative could reduce the quantity generated.
- Question:** What is happening to the wastes when they go to the other hazardous waste treatment facilities?
Answer: NTS, Envirocare and Hanford are shallow-land burial sites. The commercial treatment: mostly evaporated and incinerated, then shallow-land disposed.
- Question:** What about regulatory compliance for these wastes?
Answer: For wastes that are RCRA regulated, such as low-level mixed wastes and TRU mixed waste, we are in compliance. We will not exceed our capacity that is prescribed by law. Mixed residues are governed by a judicial order, and we are in the process of working with CDPHE to obtain a RCRA permit for these materials. Low-level and TRU waste are not regulated by CDPHE, but governed by a DOE order, which prescribes the safety and health requirements for safe storage and is limited by the physical capacity to store the waste. Sanitary waste has specific regulations and we are in compliance with those.
- Question:** In which category is there a concern about?
Answer: That would be to get the mixed residues in compliance as soon as possible. Low-level mixed waste is also a big concern; most of the focus will be on that over the next five years.
- Question:** Are you still generating waste faster than you're able to move it off-site?
Answer: Some wastes, yes. We continue to generate and store TRU waste, since the WIPP facility is not open to receive it.
- Question:** When do you expect to get rid of more waste than you generate?
Answer: That depends on two factors: the opening of WIPP, and our ability to treat RCRA waste so that it can be sent to DOE sites.
- Question:** Environmental restoration waste: there seems to be so much more than the non-environmental restoration waste currently?
Answer: Yes, environmental restoration will dwarf the other activities over the next 20 years.
- Question:** How much of the three different types of TRU wastes (contact-handled, remote-handled, and classified) exist at RF?
Answer: The vast majority of the waste is contact-handled. There is a small amount of classified waste, certain parts in tooling used in a production process.
Comment: The Rocky Mountain Peace Center is one of several organizations which is calling for a presidential blue-ribbon commission to look at the question of nuclear waste, and proposing that there is a need to reclassify the categories of waste.
- Question:** Could you rank the types of waste by greatest liability/risk?
Answer: Mixed residues, residues, TRU mixed, TRU, low-level mixed, low-level, hazardous, sanitary.
- Question:** The graph shows that next year you will have reached storage capacity for low-level waste. Will you then be considered out of compliance?
Answer: No, because the graph assumes we do nothing. With the centralized waste storage facility and using existing buildings, that should take us through the next five years.

PUBLIC / QUESTION AND ANSWER PERIOD TO WASTE MANAGEMENT BRIEFING:

- Question:** Jack Krupansky: On page 26 graph, the low-level mixed waste goes up significantly. Is that because of D&D activities? What is the event that happens in 2005?
- Answer:** That increase in waste shows the projected deactivation and decommissioning and treatment of wastes. The event is the coming on-line of treatment systems that will begin treating these wastes and producing additional wastes.
- Question:** Kenneth Werth: What happens if all states start shutting down their borders, and prohibit shipment of wastes to their states?
- Answer:** Then we'd have trouble; we'd have to store waste for lengthy periods of time, and restoration activities would have to slow down.

PUBLIC COMMENT PERIOD:

- Comment:** Andy McKean: Discussed educational project to be housed at Lowry Air Force Base, and requests CAB's assistance in setting up an exhibit on Rocky Flats.
Recommendation: Referred to Community Outreach Committee, to develop recommendation for the Board.
Action: Motion to accept. APPROVED.
- Comment:** Kenneth Werth: Read letter regarding his idea to build pyramid over Rocky Flats.