



PADUCAH GASEOUS DIFFUSION PLANT CITIZENS ADVISORY BOARD

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Paducah Gaseous Diffusion Plant Citizens Advisory Board Meeting Minutes July 17, 2008

The Citizens Advisory Board (CAB) met at the CAB office in Paducah, Kentucky, July 17, 2008, at 6 p.m.

Board members present: John Anderson, Judy Clayton, Bobby Lee, Shirley Lanier, John Russell, Jim Smart and Don Swearingen

Board members absent: Allen Burnett, Elton Priddy and Alex Roman

Board Liaisons and related regulatory agency employees: Ed Winner, Kentucky Division of Waste Management (KDWM); Turpin Ballard, U.S. Environmental Protection Agency (EPA); Tim Kreher, Kentucky Department of Fish and Wildlife Resources (KDFWR); Stephanie Brock and Rob Gresham, Kentucky Radiation Health Branch (RHB)

Deputy Designated Federal Official: Reinhard Knerr

DOE Federal Coordinator: Rob Seifert

U.S. Department of Energy (DOE) related employees: Rich Bonczek, Russ Boyd, Pete Coutts, Kim Crenshaw, Tracey Duncan, Bruce Gardner, Steve Manning, Jerry Mayes, Bill Murphie, Todd Nelson, Eric Roberts, Scott Smith, Ted Theopolos and Barry Tilden

Agenda

The agenda was modified to include discussion of issues and accomplishments for the September Chairs meeting and a discussion on scenario planning. **The Board approved the agenda as modified.**

Deputy Designated Federal Official Comments

Knerr presented project updates to the Board. All presentations are available on the CAB Website at www.pgpcab.org. Questions and answers (paraphrased) appear below.

Questions/Comments	Answers
Kreher: What is the location of the five rubble piles that will be removed for disposal?	Knerr: The piles are located on DOE owned property on the west side of the plant outside the fence. Some of the property is leased to KDFWR. Knerr asked Duncan to ensure Kreher understands the locations of the piles. Murphie: A chart and map can be provided to the CAB to identify locations and update progress as completed.
Russell: DOE should coordinate with Kreher to see if there is an opportunity to improve the habitat in the area where the rubble piles will be removed.	Knerr: The rubble piles are rather small but he is interested in speaking with Russell to explore opportunities for that area.

Liaison Comments

Federal Coordinator Comments

Seifert said there are two outstanding CAB recommendations that are being reviewed. DOE hopes to have responses to the CAB by the August Working Session. DOE will also be responding to the CAB’s letter requesting information on cylinder wash drums and information relating to the Kentucky Ordnance Works.

Kentucky Division of Waste Management

Winners said Steve Hampson had presented information on biodegradation at the June Working Session and at that time he was unsure if the EPA expert had agreed with some of the information. After additional conference calls, he believes the presentation was fair and apologized if he had indicated otherwise.

Environmental Protection Agency

Ballard said EPA, KDWM and DOE are conducting additional scoping discussions on the 2009 Site Management Plan to get all parties in agreement to meet Federal Facilities Agreement deliverables in a timely manner.

Kentucky Department of Fish and Wildlife Resources

Kreher applauded DOE on the removal of the C-611 Water Towers from the Wildlife Management Area. KDFWR has expressed interest in consolidating ownership of two islands of property surrounding the towers.

Russell requested an update on the Comprehensive Radiological Survey Plan. Knerr said the plan was provided to the CAB in May. DOE will provide the CAB a map grid that identifies the survey locations. The map will be updated as work progresses across the DOE property.

Bonczek said the Survey Scoping Plan is to conduct a 100% visual survey to identify surface anomalies on DOE owned property outside the security fence on a grid. In an area without an anomaly, 10% of a grid area which is about 100 sq. ft. will be surveyed by hand through a random path and sent to a database. For anomalies such as debris or soil piles, a 100% survey will be conducted. All anomalies will be identified through a Global Positioning System and logged into a database. If a radiation signature is found indicating a problem, grab sampling will be used. The same approach for the soil piles will be utilized.

The planned radiation monitoring flyover has been delayed due to security issues with the United States Enrichment Corporation. DOE and Paducah Remediation Services are considering a multispectral analysis. The radiological survey plan has been reviewed by the regulators and milestones have been incorporated into the Site Management Plan. Knerr said the sampling effort submitted to the regulators is generic so a standard regulator approved terminology can be immediately implemented if needed.

Kreher said some of the earlier identified soils piles are on state property and that isn't included in the survey. Knerr said many of the soil piles located on state property have been investigated and that documentation is being provided to KDWM. Kreher applauded DOE on the generic sampling plan.

Administrative Issues

Motions

The following approved recommendations are available on the CAB Website at www.pgpdcab.org.

The CAB recommended that DOE incorporate the following into its public communication plan:

- Determine when (A) public education is appropriate vs. (B) public information gathering activities and clearly inform the community of the intent (A or B) prior to each public meeting.
- DOE should expand its use of communication tools to disperse their information and fact sheets.

The Board approved the proposed recommendation.

The CAB recommended that DOE develop and implement a public education program to consist of, but not be limited to, the following components:

- Conduct multiple public meetings to enhance the public understanding and input for waste disposal options in addition to the meeting listed in DOE's proposed plan
- Develop and distribute fact sheet(s)
- Develop display model(s) of the potential CERCLA cell
- In addition to the planned public meetings, DOE should initiate and promote opportunities to educate and solicit input from a diverse and broad mix of local organizations.

The Board approved the proposed recommendation.

The CAB recommended the following with regard to the Draft Environmental Assessment of Disposition of Radioactively Contaminated Nickel and the potential solicitation of nickel:

- If *de minimis* levels of nickel contamination can be achieved, it is recommended the moratorium on nickel release be rescinded.

- DOE should proceed with a Request for Proposal (RFP) for nickel processing. Based upon responses to the RFP, existing technology for nickel decontamination should be assessed and demonstrated.
- DOE release the RFP in draft form and the RFP should incorporate weighting factors to encourage nickel processing in the communities of Paducah and/or Oak Ridge areas.
- Evaluate a fourth alternative: Decontamination to Internal Recycle/Storage. DOE should store processed nickel with *de minimis* levels of contamination, until the moratorium is lifted or until future internal use is identified.
- If DOE proceeds with the RFP and a specific technology is offered by a successful bidder/vendor, it is recommended a more detailed Environmental Impact Assessment be prepared and submitted for public/community consideration.

The Board approved the modified recommendation.

The CAB recommended that a greater emphasis be placed on recycling, reclamation, and reuse of materials from the Paducah Gaseous Diffusion Plant (PGDP). The CAB recommends that DOE:

- Identify an individual/department with specific responsibilities to identify/quantify/maximize the practice of recycling, reclamation, and reuse.
- Encourage Paducah Area Community Reuse Organization as the designated community reuse organization to participate in an increased emphasis by providing assistance in identification of market opportunities and the sale of materials to entities external to the PGDP.
- Provide incentives available to all DOE and contractor employees to identify new or enhanced methods of eliminating waste and to employ waste minimization and pollution prevention awareness techniques in their day-to-day operations.
- Create a “Lay Down Yard” to store materials for possible later reuse/recycle or until sufficient quantities are available to justify reclamation. Develop solutions with regulators in developing long term storage of recyclables within regulatory guidelines.
- Use empty or soon to be emptied storage facilities to store materials where contamination from runoff or classification issues might be of concern.

The Board approved the modified recommendation.

Lee presented a recommendation to DOE with considerations for remediation plans for treating contaminated groundwater associated with the Southwest Plume. DOE said the bioremediation strategies identified in the recommendation have been tested at the Portsmouth site. The recommendation was declined but Knerr suggested a presentation on the different strategies that have been attempted at the Portsmouth site.

Roberts presented two letters prepared in the Hanford Chairs Meeting. The first letter commended DOE on the establishment of the Office of Communication. The second letter recommended that Quarterly Project Reviews be shared with the Environmental Management Site Specific Advisory Board. **The Board approved adding the Chair’s signature to both letters.**

Scenario Planning

Lee provided a presentation on Scenario Planning. The overview included the following:

- Introduction to Scenario Planning
 - Identify the focal issue
 - Assessment of the various influences
 - Identify alternatives based on various influences
 - Build scenario narratives tracing history to possible futures (3 or 4 scenarios)
 - Test scenarios using various stakeholders

- Policy screening, or how do policies differ under the different scenarios
- Scenario Planning Example
- CAB: Potential Future Uses of the Site
 - Describe potential future site uses
 - Identify viable stakeholders and incorporate their input
 - Determine relationships between clean-up activities and different scenarios
- Conclusion
 - Synergy may exist when various stakeholders work together
 - The CAB is in a unique position to initiate scenario planning process for the PGDP in the community.

The CAB agreed to fund Lee's participation in a two week training class and lead the CAB in developing scenario planning.

Chairs Meeting

Roberts will provide a draft template of the top three issues and the top accomplishment to be presented at the Fall Chairs Meeting in Washington D.C. for the Executive Committee for discussion. The issues will then be emailed to the full Board for review and comment prior to submittal to DOE Headquarters (HQ). Suggestions for the accomplishment include significant influence on HQ on the moratorium for nickel disposition and creating focus and attention on the recyclable metals as a national issue across the complex.

Annual Planning Retreat

The Annual Planning Retreat is tentatively scheduled for August 29-30 at Kentucky Dam Village. Board members will inform staff by Monday, August 4 if they plan to attend.

Executive Committee Meeting

The Executive Committee meeting is scheduled for Thursday, July 24 at 4:00.

The meeting adjourned at 9 p.m.