



PADUCAH GASEOUS DIFFUSION PLANT CITIZENS ADVISORY BOARD

115 Memorial Drive • Paducah, Kentucky 42001 • (270) 554-3004 • info@pgdpcab.org • www.pgdpcab.org

Paducah Gaseous Diffusion Plant Citizens Advisory Board Meeting Minutes April 21, 2011

The Citizens Advisory Board (CAB) met at the Environmental Information Center (EIC) in Paducah, Kentucky on Thursday, April 21st at 6:00 p.m.

Board members present: Judy Clayton, Chair; Ralph Young, Vice-Chair; John Anderson; David Franklin; Jonathan Hines; Mike Kemp; Kevin L. Murphy; Dianne O'Brien; Ben Peterson; Elton Priddy; Shirley Lanier

Board members absent: Robert Coleman; Alex Roman; Ronnie Rathman; May Louise Zumwalt; Mark Sullivan; Maggie Morgan

Student Participant: Colby Davis

Board Liaisons and related regulatory agency employees: Gaye Brewer; Kentucky Department of Waste Management (KDWM)

DOE Deputy Designated Federal Official: Reinhard Knerr

DOE Federal Coordinator: Buz Smith

U.S. Department of Energy (DOE) related employees: Scott Smith, Swift & Staley (SST); Eric Roberts, Lauren DeFazio, EHI Consultants (EHI); Greg Felts

Public: Gary Vander Boegh; Richard Shepherd

Introductions

CAB Chair, Clayton called the meeting to order at 6:00 p.m. **Clayton** thanked everyone for attendance and for allowing the meeting to be a full board meeting instead of a subcommittee meeting. **Clayton** stated fifteen minutes are allotted for public comment and that members of the public must sign in to speak, a portion of that would be for comments on the recommendations and the remainder would be for public comment. **Clayton** introduced new staff member, **DeFazio**. **Clayton** called for round-table introductions.

Clayton asked members to review April 21 agenda. **Young** requested a discussion on the Eco-Fair dates being changed. **Clayton** allotted 5 minutes for Eco-Fair under Administrative Issues prior to recommendations. **Clayton** moved that the agenda be approved with a modification to add the Eco-Fair. The motion was seconded by **Hines**.

MOTION APPROVED

Deputy Designated Federal Official Comments

Knerr presented project updates to the Board. All presentations are available on the CAB Website at www.pgdpcab.energy.gov

DOE Federal Coordinator Comments

None

Liaison Comments

None

Administrative Issues

- **Eco-Fair**

Young stated the dates for Eco-Fair have changed to May 18th and 19th due to the schools testing the original week. The event will run from approximately 9 a.m. to 2 p.m. both days for 6th graders at the Wildlife Management Center on site. Points of Contact are Jim Etheridge and Tim Kreher. They currently have 5 learning stations and lunches will be provided for the students. Volunteers are needed. **Young** asked for any further questions before moving to the recommendations.

Clayton transferred facilitation to **Young**, to allow her to present during the Administrative issues.

Young turned the floor over to **Kemp** for presenting the findings of the Ad Hoc Southwest Plume committee for Recommendation 11-02. All presentations are available on www.pgdpcab.energy.gov

- **11-02 CAB Comments on Focused Feasibility for Solid Waste Management Unit 1**

The CAB recommends that DOE pursue negotiations with EPA and DWM to implement in-situ bioremediation at the oil land farm. To support these recommendations, the CAB recommends that DOE provide a more detailed explanation of how in-situ bioremediation will be implemented that clearly demonstrates why the soil and geological characteristics will not be an issue. The explanation should differentiate why these same soil and geological characteristics are an issue for the alternatives that were screened out on that basis.

<p>Brewer: Did the CAB talk with the EPA as to why they did not like the bio alternative? I suggest speaking with the EPA, as they are available to us as a resource, before making recommendations without hearing the logic behind the decisions. I strongly urge the CAB to hear both sides.</p>	<p>Kemp: We only had the information available to us in the feasibility study.</p>
<p>Young: At this point, do you think we should modify our recommendation?</p>	<p>Peterson: I think he did an excellent job describing the position the Ad Hoc committee is in based on the information that was available to us. All we are asking is for DOE to further explain the differences and what works. We are suggesting the DOE differentiate why one works one place and not another.</p>

Vander Boegh: What does TCE degrade down to?	Brewer: It degrades all the way down to non-hazardous material.
---	--

Young called for a vote on the motion on the table. By show of hands, vote of 10 out of 11, 1 abstained, the recommendation is adopted.

MOTION APPROVED

Kemp presented Recommendation 11-06. All presentations are available on www.pgdpceb.energy.gov

- **11-06 CAB Comments on Focused Feasibility for Solid Waste Management Units 211A and 211B**

The CAB recommends that DOE negotiate with EPA and DWM to determine what additional sampling might be beneficial to determine if DNAPL is present. Although additional sampling would result in an implementation delay, the extra time is trivial compared with the overall estimated time of completion for either alternative. The additional costs are relatively low when considering the additional cost of the more aggressive remedial action.

Murphy: When and how much sampling was done initially?	Knerr: It was not very much. It was several years ago. Brewer: It was in probably 2004, and they punched a few holes in the ground in each location.
Murphy: How many acres are we talking about?	Brewer: Not acres, just the spills sites.
Murphy: How many gallons?	Knerr: The estimates are 10 gallons in each of the 720 areas and approximately 50 gallons at the Oil Land Farm. There is some uncertainty, which is part of the concern on whether or not to do long term monitoring or to take a more active approach to that area.. Brewer: The 720 building is a maintenance building, so they were maintenance spills.
Vander Boegh: The 720 building is where you estimated 10 gallons were spilled. Who made that estimate?	Knerr: I'm not sure. It was most likely a combination of historical records from a spill, probably combined with the amounts from the soil sampling.

Young called for any further comments regarding this recommendation.

Vander Boegh stated that he worked at the plant. Behind the 720 building, I have several employees that I represent that state that was a dump site. I want to double check that, because years ago, I put together the map of proposed dump sites according to the employees. So I want to make sure I am hearing the locations correctly. Many sources say there is in fact DNAPL in these locations.

Peterson replied that we are just asking to do more testing, to see if there is DNAPL there, also to work with the EPA to come up with a solution.

Young called for a vote on the motion on the table. By unanimous vote, the recommendation is adopted.

MOTION APPROVED

Clayton took the floor to present Recommendation 11-03. All presentations are available on www.pgdpcab.energy.gov

- **11-03 Inclusion of Work for Others Information in Oral Histories Video and Historical Document**

In an effort to capture valuable oral histories without compromising classified information, the CAB respectfully requests that:

Information regarding Work for Others Program projects done at the PGDP, particularly space exploration projects, should be considered for declassification and release to the general public, providing national security concerns no longer exist.

In the long term, DOE conduct a classification study on the Work for Others Program accomplished at the PGDP in an effort to declassify information regarding work which was done that no longer jeopardizes national security.

Young asked for questions or comments regarding this recommendation from board members. No comments were made.

Young called for a vote on the motion on the table. By unanimous vote, the recommendation is adopted.

MOTION APPROVED

Peterson presented Recommendation 11-04. All presentations are available on www.pgdpcab.energy.gov

- **11-04 Paducah CAB's Vision for Preserving Artifacts**

As plans are being made to develop a center in which to permanently preserve and display artifacts and memorabilia from the PGDP, the Paducah CAB respectfully requests that the DOE:

Store historical artifacts identified and collected in such a manner to ensure that they are protected from the elements and vermin until such a time as a permanent commemorative structure can be created.

Young asked for questions or comments regarding this recommendation from board members. No comments were made.

Young called for a vote on the motion on the table. By unanimous vote, the recommendation is adopted.

MOTION APPROVED

Clayton presented Recommendation 11-05. All presentations are available on www.pgdpcab.energy.gov

- **11-05 The Paducah CAB respectfully requests that DOE:**

Begin a classified oral histories program that can be maintained in a classified records system to be preserved until such as time as it is no longer deemed a national security concern. Information garnered from these individuals may also help DOE in the decontamination and demolishing of the PGDP, particularly burial grounds.

Young asked for questions or comments regarding this recommendation from board members. No comments were made.

Young called for a vote on the motion on the table. By unanimous vote, the recommendation is adopted.

MOTION APPROVED

Young opens the floor to **Roberts** to discuss remaining calendar of events for 2011.

Roberts proposed to swap even and odd months for Board and Sub Committee meetings to allow the CAB to respond to Federal Budget deadlines. **Roberts** also proposed to move the Work Plan Meeting from October to June, and the location from Nashville to Louisville. By staying in Kentucky it allows Bill Murphie and Secretary Lynn Peters to get involved in the Work Plan Meeting.

Roberts proposed a vote to switch meeting months. There was no opposition. Motion passed. More information regarding the Work Plan Meeting will sent out via email.

Young open the floor for Public Comments. Six minutes have been used already, leaving 9 minutes to those signed in.

Public Comments

Vander Boegh stated that we brought up the nuclear fuel running to Paducah from several DOE sites. While we have workers talking with Department of Justice, I want to follow up on what Mr. Ladd said at the last meeting, and have DOE explain the exchange of information and the worker's comments in more detail about the processing going on at the plant. Perhaps they can provide the board with a bit of an initiative to ask more detailed questions, without getting into any issues that are sensitive or classified.

Last time, we discussed the use of neutron monitors in the cylinder yard, can you explain why DOE wears them but none of the workers wear them? Are any of these workers being evaluated? None of the DUF6 workers are being issued them. Why is that? Are we discussing the impact of the neutron aspect of beryllium on the workers?

Vander Boegh thanked Senator McConnell, Senator Paul and Congressman Whitfield for their presentation on April 11th. We can see a change now in how the workers are being treated.

Vander Boegh stated that his company is expanding to have a private website to do interviews with employees using confidential ID numbers, as they are familiar with the DOE ECP (Employee Concern Program).

Shepherd, stated he was an employee for 30 years, from 1968 to 1998. He thanked the CAB for what they are doing and urged the CAB to study the history closely. He has 10 years experience as an operator and 20 years as a supervisor. He said at one time a “reportable release” was 50 lbs. Therefore most instances were marked as 49 lbs or less. He stated he was glad that the CAB is trying to get an Oral history before all of the workers are dead, because there is no other way to get an accurate account of what really went on. He feels like everyone is waiting for the workers to die off so they can not report it. The community deserves to know the real story and worries that the DOE will try to bury the oral history under their security. Gary brought up the beryllium; the whole site is covered in it. He said he personally fed the beryllium into the system, and knows it went all over the site. He asked that the CAB capture the histories and get to the truth before it is too late.

O’Brien commented on her appreciation for the Oral Histories project and suggested that we look into getting the interviews on the National Historic Registry.

Young asked for any further comments. There being no further business, the meeting adjourned at 7:41 p.m.