



May 16, 2019

May 2019 Citizens Advisory Board Meeting Agenda

Chair
Bill Murphy

Vice-Chair
Victoria Caldwell

Board Members
Renea Akin
Renie Barger
Don Barger
Phillip Brown
Cindy Butterbaugh
Frank Cage
Judy Clayton
Nancy Duff
Celeste Emerson
David Homra
Fran Johnson
Mike Kemp
Shay Morgan
Patrick White
Carol Young

Jennifer Woodard
DOE DDFO

Buz Smith
DOE Federal Coordinator

Board Liaisons

Brian Begley
*Division of Waste
Management*

Julie Corkran
*Environmental Protection
Agency*

Mike Hardin
Fish and Wildlife Resources

Stephanie Brock
Radiation Health Branch

Support Services
EHI Consultants, Inc.
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6:00pm

Call to order, introductions
Review of agenda

DOE Comments -- 5 minutes

Federal Coordinator Comments -- 5 minutes

Liaison Comments -- 5 minutes

Presentation -- 20 minutes

**Update on the New C-400 Project Strategy
Deactivation and Stabilization Alternative Strategy**

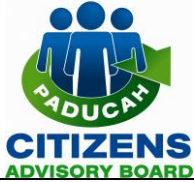
Administrative Issues -- 20 minutes

- **Chairs Meeting Recap**
Recommendation 1 – EM’s Review of Cleanup Milestones
Recommendation 2 – Improving EM’s Science and Technology Program
- **Subcommittee Recap**
- **Workplan Update**

Public Comments -- 15 minutes

Final Comments -- 10 minutes

Adjourn



PADUCAH GASEOUS DIFFUSION PLANT CITIZENS ADVISORY BOARD

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Paducah Gaseous Diffusion Plant Citizens Advisory Board Meeting Minutes May 16, 2019

The Citizens Advisory Board (CAB) met at the West Kentucky Community and Technical College in Paducah, Kentucky on Thursday, May 16th at 6:00 p.m.

Board members present: Renie Barger, Bill Murphy, Mike Kemp, Victoria Caldwell, Judy Clayton, Fran Johnson, Shay Morgan, David Homra, Don Barger and Phil Brown.

Board Members absent: Cindy Butterbaugh, Carol Young, Patrick White, Renea Akin, Nancy Duff, Frank Cage, and Celeste Emerson.

Board Liaisons and related regulatory agency employees: Brian Begley (on phone), Tabitha Owens (on phone), Brian Lainhart, Chris Travis, Kentucky Division of Waste Management; Stephanie Brock (on phone), Kentucky Radiation Control Branch.

DOE Deputy Designated Federal Official: Jennifer Woodard, DOE.

U.S. Department of Energy (DOE) related employees: Robert Smith, DOE; Jessica Vasseur, Steve Christmas, Four Rivers Nuclear Partnership, LLC (FRNP); Nathan Miller, Pro2Serve; Eric Roberts, Jim Ethridge, EHI Consultants (EHI).

Public: Mike Turnbow.

Murphy called the meeting to order and called for introductions. He then introduced Woodard for comments.

DDFO Comments: **Woodard** reported that the new portal at the plant site was functional and everyone would have to stop there when visiting the plant. **Murphy** asked if the Kentucky drivers license was usable for entry. **Woodard** indicated that it was good to use at this time to obtain a visitor's badge for entry. **Woodard** then reported that the C-400 complex dispute with regulators was being worked. She added the three parties were discussing a way to perform sampling, hopefully in six months to a year, prior to demolition of the building while waiting for the disputes to be resolved. **Murphy** asked what the schedule of the dispute was. **Woodard** indicated that the dispute hopefully would be resolved by May 31. She added that if progress was not being made, the dispute would be elevated to a higher level.

Woodard then indicated that DOE was working with the contractors at the plant site to find out the cost of getting one process building ready for demo instead of getting the four process buildings partially ready. **Kemp** asked how that affected non-destructive assay (NDA). **Woodard** said that it would still be done but a little differently. She used the example of removing the converters in the process buildings and then performing the NDA instead of doing it before removal. **Kemp** asked if NDA could

be performed on one building while demo of the first building. **Woodard** said that it would depend on funding closer to time of work. **Murphy** asked what the time period was that the decision could be made on performing work in this way. **Woodard** said within two months. **Murphy** asked what the time period for demolition to be done. **Woodard** indicated that they were looking at the current contract period, which was the next eight years. **Brown** asked if DOE was looking at starting with the C-333 process building. **Woodard** said that they were. **Caldwell** asked if there would be overlapping contracts considering the length of time it would take to perform work on all four process buildings. **Woodard** said that there would not be any overlapping contracts. **Clayton** asked how this process affected DOE's crit-incredible philosophy. **Woodard** indicated that it did not change the philosophy.

Murphy asked if the waste cell construction that had been postponed would be moved up to accommodate the demo of the process building. **Woodard** said that at this point it would not be moved up because of funding.

Brown asked if the same technique being used at the Portsmouth site to take apart converters would be used at Paducah. **Woodard** said that they were studying the possibility of shipping converters to Nevada for disposal over the course of the summer. **Murphy** asked if the converters would be buried whole and not downsized. **Woodard** said that they would probably be buried whole. **Caldwell** asked how many converters are at the Paducah site. **Woodard** said that there were 960 in place and maybe another 150 sitting around the site. **Homra** asked how many the Nevada site would accept. **Woodard** indicated that she was not sure and that would be determined later. **Clayton** asked who was responsible for disposition of the converters at the Paducah site that were shipped from the Portsmouth site. **Woodard** said that Paducah was responsible. **Murphy** asked if any time would be saved by disposing of the converters whole instead of downsizing them for disposal locally in the waste cell when built. **Woodard** said that it would save time.

Kemp asked **Woodard** to speak about the recent contamination issue at the Portsmouth site and if DOE had thought about how to address a similar situation if it were to happen at Paducah. **Woodard** said that there was contamination found in an air monitor located at a middle school near the Portsmouth site. The school had initiated their own investigation and found enriched uranium at the school and the school was closed. She added that DOE wanted to find out how the contamination got there and planned to conduct a third-party investigation. **Woodard** added that it was her understanding that what was found was a trace amount of neptunium in the air monitor. **Woodard** indicated that monitoring was being done at the Paducah site and the results were published each year in the Annual Site Environmental Report (ASER). **Kemp** asked if there might be a need to let the community know that there were no similar issues at the Paducah site before anyone might ask. **Woodard** said that that would be a DOE headquarters decision. **Brown** asked how far the school was from the plant site. **Woodard** indicated that it was two miles from the plant boundary. **Homra** asked if **Woodard** expected to be updated at some point. **Woodard** said that it would probably be when the investigation was completed. **Roberts** added that DOE had agreed to fund the investigation.

Murphy asked if the ASER for Paducah could be sent to the Board members. **Roberts** indicated that it was a large file, but the CAB office had hard copies of the whole report.

Woodard reported that some buildings were being shut down and consolidating offices to reduce power costs.

Federal Coordinator Comments: none

Liaison Comments: **Begley** reported that KY had submitted comments to the 30% Remedial Design Report for SWMUs 211A and 211B for Volatile Organic Compound Sources t the Southwest Groundwater Plume. He also said that KY had submitted comments on the C-400 Remedial Investigation/Feasibility Study Work Plan.

Administrative Issues: Murphy then gave a report on the recent EM SSAB Chairs meeting. He indicated that the term “end state” was used for the end of the current contract and not after complete remediation of the plant site. He also said it was interesting to see two of the Boards argue over a budget issue. He then complimented **Caldwell** on her involvement with the meeting. Murphy then asked each of the other attendees to comment. **Caldwell** added that she thought it was good for her to see the differences in all the sites and their concerns. **Johnson** said that she thought it was interesting seeing how the different sites handled cleanup issues. **R. Barger** said that now as an attendee she had the opportunity to better see how the different sites interacted. She also complimented **Roberts** job of facilitating the meeting. **D. Barger** said he found it hard to attend and not be able to comment on issues that the Chairs and Vice- Chairs were able to discuss. **Smith** said he thought it was interesting to see how the different Boards operated and what each had to deal with.

Murphy then introduced *Recommendation 1- EM’s Review of Cleanup Milestones*, which was developed during the Chairs meeting. **Roberts** explained that this recommendation was so all the sites could have a common term definition to go by. After some discussion the Recommendation was voted on and passed with a vote of 10-0.

Murphy then introduced *Recommendation 2 – Improving EM’s Science and Technology Program*, also developed during the Chairs meeting. After some discussion the Recommendation was voted on and passed with a vote of 10-0.

Subcommittee Reports: **Kemp** reported on the Remediation Technology subcommittee meeting. He said that the bioremediation technology discussion was kind of on hold until work had progressed. He went on to suggest that the next subcommittee meetings concentrate on Land Transfer and not have a Remediation Technology meeting.

R. Barger said she had no comments on the Land Transfer/Footprint Reduction subcommittee meeting.

Roberts said that since things have changed on the topics for the meetings, adjustments would be made and run by the Executive Committee before bringing them before the full Board.


Public comments: None

Final Comments: **Woodard** added that DOE was looking at the development of the budget and how it might affect work at the site.

Murphy then presented **Renie Barger** with a certificate of appreciation for her six years of service to the CAB.

Murphy adjourned the meeting at 7:18 pm.

Approved by **William E. Murphy, Chair**



William E. Murphy

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