

**Paducah Gaseous Diffusion Plant  
Citizens Advisory Board  
Meeting Minutes  
May 19, 2005**

The May 19, 2005 Citizens Advisory Board (CAB) meeting was held at the CAB office in Paducah, Kentucky at 5:30 p.m.

**Board members present:** Allen Burnett, Barry Eadens, Ricky Ladd, Shirley Lanier, Bobby Lee, Linda Long, Rhonda McCorry, Janet Miller, John Russell, and Jim Smart

**Board members absent:** Chad Kerley

**Ex Officio members and related regulatory agency employees present:** Mike Guffey, Brad Holland, Jon Maybriar, and Todd Mullins, Kentucky Division of Waste Management; David Williams, Environmental Protection Agency; and Doug Dawson, Kentucky Department Fish and Wildlife Resources

**Deputy Designated Federal Official present:** Rachel Blumenfeld for William Murphie

**DOE Federal Coordinator present:** David Dollins

**DOE-related employees present:** Doug Atkinson, Jeannie Brandstetter, Greg Cook, Kim Crenshaw, Jim Ethridge, Greg Felts, Tim Forden, Phil Grant, Steve Kay, Chris Lee, Jim McVey, Gene Perry, Steve Polston, Glenn VanSickle, Dick Veazey, and Jack Zimmerman

## **Agenda**

Kay asked if there were any proposed modifications to the agenda. There were no modifications. **The Board adopted the agenda by consensus.**

## **Minutes**

Kay asked if there were any proposed modifications to the draft April minutes. There were no modifications. **The Board approved the minutes as submitted by consensus.**

## **Deputy Designated Federal Official's Comments**

### **Progress of the Paducah Project**

Blumenfeld reported April progress as follows:

- Electricity is now available to the Depleted Uranium Hexafluoride (DUF<sub>6</sub>) Conversion Facility site. The boundary change is complete and the Facility 90% design work was completed in March and is undergoing the U. S. Department of Energy (DOE) review and approval. Construction of warehouse and administration buildings is scheduled to begin soon.
- Drummed material at the DOE Material Storage Area (DMSA) is being removed, sorted, characterized, segregated, and repackaged. 635,000 of 866,000 ft<sup>3</sup> of DMSA material has been characterized over the project life. 272,000 ft<sup>3</sup> has been packaged and 238,000 ft<sup>3</sup> has been shipped over the project life.
- Scrap metal shipments continued to be suspended during April. D-Yard field crews continue to downsize scrap with over 2,100 tons backlogged and ready for loading and shipment. Nevada Test Site (NTS) provided an assistance visit on waste disposition issues the week of May 9. The NTS recertification audit will be scheduled no later than June 30. Approximately 1,800 of 3,000 drums of machine turnings have been processed and ready for disposal pending security approval. All 3,000 drums of machine turnings are to be disposed at Envirocare by October 2005.
- At the C-410 Decontamination and Decommissioning (D&D) complex, asbestos abatement activities have been completed in Zone 21 and clearance samples have been collected. Packaging of low-level waste scrap metal has been initiated for shipment from the Hydrogen Fluoride Tank Farm. Regulatory agency approval has been received to remove the Nitrogen Facility as a Maintenance Action. The removal notification for the Limehouse, Contaminated Item Incinerator, and West End Smelter has been approved by the Environmental Protection Agency and the Commonwealth of Kentucky.
- In Legacy Waste disposition, 2,183 ft<sup>3</sup> of newly generated and Agreed Order waste was disposed in the C-746-U Landfill. 8,497 ft<sup>3</sup> of Agreed Order waste was shipped to Envirocare. 226 ft<sup>3</sup> of newly generated waste was sent off-site for treatment and disposal. DOE is continuing to process Agreed Order waste for the landfill and Envirocare.
- The C-400 Source Removal Record of Decision (ROD) is under review by the Commonwealth of Kentucky. Approval is anticipated in late June. The Southwest Plume Site Investigation/Risk Assessment Report was submitted to regulators on February 17, 2005. The Proposed Plan is scheduled to be submitted to the regulators by July 2, 2005.
- The Surface Water Operable Unit (SWOU) Sampling and Analysis Plan (SAP) has been approved by the Commonwealth of Kentucky, following resolution of issues. Sampling will

be initiated in June. The North-South Diversion Ditch (NSDD) Final Remedial Action Report was submitted to the regulators in May.

- The Burial Grounds Operable Unit Remedial Investigation/Feasibility Work Plan is scheduled to be submitted to the regulators by June 30, 2005.
- The Paducah Infrastructure contact award to Swift & Staley Mechanical, Inc. was announced on March 16, 2005 and is scheduled to complete transition by June 26, 2005. The procurement process is continuing for the Remediation contract. Bechtel Jacobs Company LLC(BJC) continues to perform the remediation work.

### **Federal Coordinator Comments**

Dollins said two new members have been appointed to serve on the Citizens Advisory Board (CAB), John Anderson and Gary Reside. He said the reappointments for Board members that terms expire in June have been sent to DOE Headquarters for approval. He said Headquarters has said that the reappointment packages will be expedited.

### **Comments**

Russell said last month he had inquired about the Legacy Waste Disposition slide indicating no work being completed August 2005 through Fiscal year 2007. He said there is now a substantial change in the slide. Blumenfeld said the schedule change is due to a reflection in the plus up funds that DOE has received.

Russell said the burial grounds are suspected to be one of the contributing sources for contamination of the Southwest Plume. He said a Proposed Plan is being submitted for the Southwest Plume but the remedy of the burial grounds has not yet been established. He asked why the projects are not linked. Blumenfeld said the projects are linked and the impact of one operable unit is considered on other operable units. Dollins said the projects teams and regulators are knowledgeable in both operable units in order to investigate all data gaps and avoid duplication of effort. He assured Russell DOE would look at the complete picture for full evaluation and options before moving forward.

Smart asked if DOE had received comments from the Commonwealth of Kentucky on the Southwest Plume Risk Assessment. Maybriar said a 15-day extension has been filed by the Commonwealth of Kentucky on the review of the document.

Ladd asked when the construction of the DUF<sub>6</sub> warehouse and administration buildings would begin. Zimmerman said the contract for the foundation of the warehouse will be awarded within the week and mobilization will begin within the month. Preparation for the administration building will follow after a couple of weeks.

Ladd asked Blumenfeld to explain the Maintenance Action mentioned in the Inactive Facilities D&D slide. Blumenfeld said a maintenance action has regulatory significance and is part of the RCRA permit under general counsel activities. Ladd asked if the D&D workers presently at the

site would execute removal of the Nitrogen Facility. VanSickle said a subcontractor is being solicited to execute that work.

Maybriar said a new state law in effect July 1 known as the Environmental Covenant will require deed restriction language in all documents. He said the new legislation is being studied to determine how it will affect DOE documents. Blumenfeld said the legislation calls for the deed restriction specifics to stay with the piece of property even if transferred.

### **Ex-Officio Comments**

Maybriar was named the Supervisor for the Paducah Gaseous Diffusion Plant (PGDP) effective May 1 and his position as acting ex-officio becomes permanent.

Williams said he is concerned with the public perception of activities at the PGDP due to the language used in documents, noting that even DOE and the regulators often have difficulty discerning meaning. Williams said concise meaning in document text might have pre-empted the recent move to dispute between DOE and the regulators to settle a perceived difference of opinion.

### **Task Forces/Presentations**

#### **Waste Disposition Task Force**

##### **Scrap Metal Removal Project**

Eadens provided a presentation on the Scrap Metal Removal project.

Smart asked if the 7,000 tons of scrap metal disposed to date includes the nickel ingots. VanSickle said no, the nickel ingots have not been disposed of.

Russell asked about the future expectation of the site when all of the scrap metal has been removed. He said undesignated burial grounds are suspected underneath some of the scrap metal. He asked what would be the ongoing actions at the site. Blumenfeld said the site would be investigated after the scrap metal is removed. She said burial grounds are suspected under the old drum mountain. Russell asked if hot spots would be identified before remediation of the soil. Blumenfeld said a hot spot removal activity is not planned but the site investigation sampling activities will determine if there are hot spots. Dollins said this investigation will be included with the Surface Soils Operable Unit. Russell said he has requested a graphic of the entire site that shows the end state and how each site is affected by different activities. Williams said technology, such as 3-D modeling, is very beneficial for the projects showing interaction and helping to determine where remedial actions are needed. Kay recommended the task force draft a recommendation requesting cleanup measures for the site in order for DOE to issue a written response to this issue.

##### **DOE Material Storage Area Project**

McCorry provided a presentation on the DMSA project.

Lee asked how the shipping problems have been corrected. VanSickle said when the shipping operations were suspended; a top to bottom review was conducted on all programs involving waste characterization, packaging, shipping, manifesting, Department of Transportation regulations, and several more. A complete review of processes was initiated with training, procedures, subcontractors, coordination with disposal sites, internal auditing procedures, quality assurance, engineering procedures, etc. He said modifications have been made and shipments have resumed to all disposal sites except NTS. He said the recertification from NTS should be finalized in June.

### **Water Quality Task Force**

Smart said the Water Quality task force discussed the Kentucky Pollutant Discharge Elimination System permit. He said the task force would like to be part of the discussion when the new permit is written. He said the Surface Water Operable Unit sampling will be initiated in June 2005.

Smart said the Commonwealth of Kentucky has filed for another 15-day extension on the C-400 Source Removal ROD. Maybriar said the extension was filed to modify language and concern of some details. He said the deed restriction language has slowed down the approval of the document. He said all parties are working together to resolve the issues.

### **Long-Range Strategy/Stewardship**

The Long-Range Strategy/Stewardship did not meet in May.

### **Community Outreach**

#### **Web Site Update**

Brandstetter presented the new CAB Web site. She said the previous web address links to the new web address, which is [www.pgdpcab.org](http://www.pgdpcab.org). Lee requested that project updates be added to the new web site. Brandstetter said she would work with BJC to make this possible.

### **Review of Workplan**

Kay asked if there were any proposed modifications to the workplan. McCorry suggested that Polston provide a brief presentation in August or September on the infrastructure role and their intentions on interaction with the CAB. Russell requested adding the presentation of the 3D model and an overview of the Burial Grounds Operable Unit Remedial Investigation/Feasibility Study Workplan. Cook said an additional line needs to be incorporated on the Workplan to include the Limehouse, Contaminated Item Incinerator, and the West End Smelter.

## **Review of June Agenda**

McCorry said she would provide a brief overview of the Chairs Meeting held in Savannah River for the June Board meeting.

## **Action Items**

All action items are closed.

## **Subcommittee Reports**

### **Executive Committee**

McCorry said at the Chairs Meeting held in Savannah River a letter was drafted to Energy Secretary Bodman recommending that DOE direct the offices and agencies where former Environmental Management (EM) sites will be transferred to develop policies establishing local advisory boards and other public participation opportunities similar to those that currently exist within EM. The letter also requests development of a mechanism whereby the local advisory boards, regardless of their affiliation within DOE, can continue to meet in a national setting to discuss issues of common concern and to share lessons learned. McCorry requested approval of the Board for her signature to be added to this letter. **The Board approved McCorry's signature to the letter by consensus.**

Dollins said McCorry did an excellent job representing the Paducah CAB.

## **Final Comments**

Lee requested the project charts that were prepared for the CAB be updated quarterly and distributed to all Board members. Dollins said it would be provided at the June meeting.

The meeting adjourned at 8:10 p.m.