

**Paducah Gaseous Diffusion Plant  
Citizens Advisory Board  
Meeting Minutes  
June 19, 2003**

The June 19, 2003 Citizens Advisory Board (CAB) meeting was held at the CAB office in Paducah, Kentucky at 5:30 p.m.

**Board members present:** Mark Donham, Richard Dyer, Vicki Jones, Merryman Kemp, Linda Long, Douglas Raper, John Russell, Rosa Scott, Jim Smart, Dorothy Starr, and Bill Tanner

**Board members absent:** Fred Jones, Ricky Ladd, Ronald Lamb, Rebecca Lambert, Craig Rhodes, John Tillson, and Rev. Gregory Waldrop.

**Ex Officio members and related regulatory agency employees present:** Gaye Brewer and Janet Miller, Kentucky Division of Waste Management, Tim Kreher, Kentucky Department of Fish and Wildlife.

**The Deputy Designated Federal Official present:** Dianna Feireisel

**The DOE Federal Coordinator present:** David Dollins

**DOE-related employees present:** Melanie Brewer, Yvette Cantrell, Jim Ethridge, Greg Felts, Bruce Ford, Steve Kay, Lynn Link, Jim McBrayer, John Morgan, Kendra Payne, Bruce Phillips, Glenn Van Sickle, Debbie Wattier, and Tom Wheeler.

**Public:** Charles Jurka and Vicki Jurka

### **Agenda**

Kemp called the meeting to order at 6:05 p.m. Kay asked if there were any proposed modifications. There were no modifications. **The Board approved the agenda by consensus.**

### **Minutes**

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

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

### **ES&H Issues**

Feireisel reported that technicians surveying the 746-S Landfill on June 10 discovered a drainage ditch that contained concrete rubble. She reported early results indicated contamination on several pieces of the rubble; however, there was no alpha contamination detected. She said a thorough investigation of the area would be conducted. Russell was concerned about the findings of the concrete rubble and

asked about the discovery of the drainage ditch. Feireisel said the ditch was discovered through a regular surveillance check.

Feireisel stated Bechtel Jacobs Company LLC (BJC) is continuing suspension of all shipments to the Nevada Test Site (NTS). Feireisel stated NTS will conduct an audit in July before shipments can resume.

### **Budget Updates**

Feireisel reported an additional \$10,837,000 has been allocated to the Paducah site for FY03 accelerated work scope. The scope includes scrap metal, decontamination and decommissioning (D&D), and waste shipments.

### **Project Updates**

Feireisel reported DOE invoked formal dispute with the Commonwealth of Kentucky and the U.S. Environmental Protection Agency (EPA) on the Sampling and Analysis Plan (SAP) for the North-South Diversion Ditch (NSDD). She stated DOE is preparing a counterproposal. Feireisel also reported that the Six-Phase Treatability Study resumed operations on June 3. The system had been down for maintenance and repairs. Based on preliminary data, she said the Six-Phase Treatability Study appears to be very effective.

### **Questions:**

Six-Phase Treatability Study – Raper asked if it heated the entire depth or just in sections. Feireisel said the entire depth is heated.

Solid Waste Contained Landfill – Donham inquired about the sampling of the landfills in response to a Notice of Violation (NOV). Feireisel said the sampling is complete but DOE has not received the results. Van Sickle reported the preliminary results indicate that there was no trichloroethylene (TCE) detected. He said the data should be validated within 30 days.

Donham inquired about the contaminated culvert discovered in Outfall 001 in April 2003. After the discovery of the culvert, Van Sickle said the area has been isolated and there is no new activity. Donham inquired about the levels of contamination. Van Sickle stated the levels were low, but detectable. Donham asked if there were digital panel meter (DPM) results. DPM results will be provided to Donham.

### **CAB Recommendation Status**

Feireisel said that DOE had received the CAB's recommendation requesting a copy of the Cleanup Scope Proposal. She said DOE is working to schedule meetings with EPA and Kentucky to discuss assumptions and scope with opportunities built in for the CAB to participate. She said DOE would keep the CAB updated.

## **Other**

Feireisel updated the CAB on the Depleted Uranium Hexafluoride (DUF<sub>6</sub>) Conversion Facility. She said the conceptual design document was submitted to DOE, and is currently under review. A critical decision will be made on July 15.

## **Questions:**

After reviewing the United States Enrichment Corporation (USEC) Recertification Application, it was Donham's understanding that DOE agreed to take USEC's depleted uranium for several years. It was Feireisel's understanding that the cylinders are staying in the same location, but she said she didn't have any further information at this time.

## **Federal Coordinator Comments**

Dollins reported he was pleased with the attendance of city officials, community leaders, and plant neighbors at the Long Range Strategy/Stewardship Task Force meeting. He said there were many comments on the end-use of the site.

## **Ex-Officio Comments**

Kreher said the Kentucky Department of Fish and Wildlife (KDFWR) appreciated the invitation to the Long Range Strategy/Stewardship Task Force meeting. He said KDFWR will continue to participate.

## **Public Comments and Questions**

Miller asked the location of the contaminated rock found in a 746-S Landfill drainage ditch. Feireisel said the contaminated rock was discovered on the north side of the 746-S Landfill on DOE property, inside the fence.

Long inquired about the recent fluorine fire. Feireisel said it was a USEC incident, and that the fluorine fire did not leave the building. She said USEC reported that nothing was detected outside of the building when checking for releases.

## **Administrative Issues**

### **June Dinner Meeting**

Kemp stated the dinner meeting scheduled for June 20, 2003, will be at 6 p.m. at Tribeca, which is located in downtown Paducah. Kemp proposed that an additional dinner retreat process meeting be scheduled for August 22 to ensure timely public notice of the meeting, which will enable the Board to function in an official capacity as opposed to the June 20 meeting. Kemp requested staff to poll the Board regarding their participation in the proposed August 22 dinner meeting.

## **Review of Workplan**

Kay asked about the status of the Kentucky Pollutant Discharge Eliminate System (KPDES) Permit. Gaye Brewer said the permit has not been drafted. Kay suggested leaving the KPDES Permit as a placeholder for July.

Kay said the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Five-Year Review would also be a placeholder for July.

Kemp asked about the Board receiving a presentation regarding Conflict of Interest. Feireisel said there is an issue with travel funding; however, she will request additional travel dollars for the Conflict of Interest presentation. Link suggested having the Conflict of Interest presentation as a placeholder for August.

The Board discussed assigning the Cleanup Scoping document as a placeholder for July. Feireisel clarified it is not a document, but a scoping briefing to update the CAB. The Board decided to keep the Cleanup Scope process for both July and August placeholders.

### **Review of Next Month's Agenda**

Kay reported the CERCLA Five-Year Review will be presented next month. He said Dr. Wes Birge was scheduled to give a presentation, based on his availability. Link will confirm with Dr. Birge. Kay said the KPDES Permit and the Cleanup Scoping process are placeholders set for July.

### **Action Items**

Kay stated the KPDES Permit is still pending.

Link stated the membership recruitment process will begin the end of June.

Russell reported the Resource Conservation and Recovery Act (RCRA) training is still pending. Payne reported staff is working with Russell to finalize details.

Feireisel reported DOE is viewing the DUF<sub>6</sub> design document. Based on the results of the review, she said DOE will have a better understanding of the funding and schedule.

Raper reported the policy for cancellation of task force meetings was tabled until the July Long Range Strategy/Stewardship Task Force Meeting.

Kay stated Feireisel will request travel funding for a Conflict of Interest presentation.

### **Site Management Plan Dispute Presentation**

Morgan presented to the Board the site management plan dispute.

### **Questions:**

Russell asked the expected starting date of the Burial Ground Operation Unit. (BGOU). Russell also asked when the CAB would have the opportunity to get involved with the BGOU. Morgan stated that the Federal Facility Agreement (FFA) requires a scoping process almost one year in advance of the milestone due date. The BGOU due date is set for June 30, 2005. Morgan believes that there will be significant opportunities for the CAB to become involved with the BGOU. Morgan also said there will be additional projects included in the schedule. He said projects are prioritized by risk. Russell recommended more projects be included in the CAB workplan. Dollins stated the workplan should be reassessed in light of newly negotiated milestones.

Miller asked how immediate threats were determined. Morgan said immediate threats are determined by current exposure to contamination.

If changes occur, Donham asked what are the procedures for supplementing and amending a feasibility study or a remedial investigation. Morgan said the remedial investigation/feasibility study (RI/FS) is developed early and it outlines DOE's approach towards collecting data. He said FFA project managers are required to meet routinely and discuss the status and progress of the projects. Morgan also said a semiannual report is issued and the FFA has built-in mechanisms for notification and reporting changes. Dollins said a public hearing is used for a proposed plan, which states there is a 30 to 45 day public comment period. Prior to taking action, Morgan said there is public comment. Morgan said the proposed plan summarizes the key components of the RI/FS process. Donham asked if there was public involvement when there is a change and a determination of amending documents. Morgan said the FFA has minor and major modifications. He said minor modifications do not involve the public, whereas, major modifications do involve the public. Morgan said it would depend on the significance of the change.

### **Cleanup Scope Discussion**

There was no discussion since it was addressed earlier.

### **Water Task Force**

Smart reported the Task Force met on June 6 to discuss the KPDES Permit, the Six-Phase project, and the NSDD. Smart said the next Water Task Force meeting will be held July 11 at noon.

Smart reported the KPDES Permit is still ongoing. He said the Six-Phase process was shut down on May 30 due to flow restriction problems; however, the system has been operating successfully since June 3. Smart reported seven tons of TCE have been recovered. Smart said the NSDD comments can be found in the Water Task Force minutes.

Donham asked how the effectiveness of the Six-Phase project is determined. Smart said the preliminary results and the total recovery amount of TCE are reviewed. Donham asked if the Six-Phase project will move to a larger scale. Smart said this is a pilot test and the outlook seems to be successful. Smart said he would receive more information at the next Water Task Force meeting.

### **Waste Operations Task Force**

Russell reported the Task Force met on June 11 to discuss the NSDD dispute and the Sampling and Analysis Plan.

Russell questioned the letter from Kentucky, which described the conditions Kentucky established under the NSDD dispute. Dollins said the dispute has to do with the amount of sampling. He said DOE is trying to find middle ground. Dollins said there are plans that DOE has not yet proposed to Kentucky. Russell said the task force would be addressing this at the July meeting. Russell reported the Sampling and Analysis Plan is due on April 30, 2004. The task force plans to begin discussion on this plan soon.

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

The Long Range Strategy/Stewardship Task Force met on June 12 at 2 p.m. to discuss the end-use of the Paducah Gaseous Diffusion Plant (PGDP). Kemp said the majority of the task force meeting was the discussion of the site end-use.

Raper said the Long Range Strategy/Stewardship Task Force will meet on July 14 at 2 p.m.

### **Community Concerns**

Donham said the Community Concerns Subcommittee did not meet in June. Donham said the Community Concerns Task Force requested smelting data, which they had not yet received. After much discussion, Long clarified the smelting information was requested in order to review risks from possible air emissions. Kay confirmed the requested smelted data is awaiting action.

### **Membership, Nomination and Public Involvement**

The Membership, Nomination and Public Involvement Subcommittee did not meet in June.

### **Ad Hoc for Chairs' Meeting**

The Ad Hoc Chairs' Meeting met June 2 to discuss preparation for the September Chairs' Meeting in Paducah. Discussion included the site tour, reception, meeting day, registration, facilitation, and goodie bags. Long said she needed support from the Board. She said the site tour at PGDP is an important part of the meeting. She also said the agenda will be determined after the Chair's conference call on June 23.

The meeting adjourned at 8:10 p.m.