



PADUCAH GASEOUS DIFFUSION PLANT CITIZENS ADVISORY BOARD

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Paducah Gaseous Diffusion Plant Citizens Advisory Board Meeting Minutes July 21, 2005

The Citizens Advisory Board (CAB) met at the CAB office in Paducah, Kentucky July 21, 2005, at 6 p.m.

Board members present: John Anderson, Barry Eadens, Chad Kerley, Bobby Lee, Linda Long, Rhonda McCorry, Janet Miller, John Russell, and Jim Smart

Board members absent: Allen Burnett and Shirley Lanier

Ex Officio members and related regulatory agency employees present: Jon Maybriar, Kentucky Division of Waste Management; David Williams, Environmental Protection Agency; Doug Dawson, Kentucky Department Fish and Wildlife Resources; Stephanie Brock and Eric Scott, Radiation Health Branch

Deputy Designated Federal Official present: Rachel Blumenfeld

DOE Federal Coordinator present: David Dollins

DOE-related employees present: Jeannie Brandstetter, Tracey Brindley, Kim Crenshaw, Jim Ethridge, Greg Felts, Bruce Ford, Bob Giroir, Lester Hurst, Steve Kay, Adam Locke, Scott Smith, Glenn VanSickle, and John Young

Five members of the public attended the meeting.

Agenda

Kay asked for proposed modifications to the agenda. Kerley said the Depleted Uranium Hexafluoride (DUF₆) Conversion Facility project overview is postponed until August. McCorry asked to remove the chairs meeting recap. **The Board adopted the modified agenda by consensus.**

Minutes

Kay asked for proposed modifications to the draft May minutes. There were none. **The Board approved the minutes as submitted by consensus.** Kay asked for proposed modifications to the draft June minutes. There were none. **The Board approved the minutes as submitted by consensus.**

Deputy Designated Federal Official's Comments

Progress of the Paducah Project

Blumenfeld reported June progress:

- Swift & Staley Mechanical Contractors Inc. assumed responsibility for infrastructure on June 27, 2005. Uranium Disposition Services assumed responsibility for cylinder inspections, maintenance and relocations to improved storage on the same date. The Source Evaluation Board released the amended Request for Proposals (RFP) on June 20, 2005 for the remediation contract. Bidders identified by the Department of Energy (DOE) as being within the competitive range have until Aug. 4, 2005 to submit proposals. For purposes of construction cost proposals, offerors have been instructed to assume a Nov. 1, 2005 contract award date. DOE has notified Bechtel Jacobs Company LLC (BJC) of intent to extend the BJC contract through Jan. 29, 2006.
- Field work began the week of July 18, 2005 on the warehouse foundation at the DUF₆ conversion facility site. The warehouse building contract was awarded July 1, 2005 and completion is expected by February 2006. The facility 90% design work was completed in March and is under review by DOE.
- A recertification from the Nevada Test Site was received on July 15, allowing scrap metal shipments to start by the week of July 25. D-yard field crews continue to downsize scrap; over 3,000 tons are backlogged and ready to be loaded for shipment. On July 19, crews began overpacking 221 SeaLand containers of scrap metal into gondola railcars for shipment to Envirocare. Over 3,100 drums of machine turnings (300 tons) are processed and ready for disposal. Shipments to Envirocare began July 11 and are scheduled to be completed by October of this year.
- The first shipment of UF₄ drums left the site on June 27. Processing has confirmed contents are acceptable for disposal at Envirocare. Final shipments are to be completed within fiscal year 2005.
- A landfill disposal package was approved for 17 roll-off bins of crushed empty drums and debris of outdoor low-level waste. Planning is under way to ship approximately 2,900 ft³ of floor sweep to Envirocare. Data is being reviewed to determine the best disposal method for 5,300 ft³ of soils. The remaining 7,000 ft³ of 24,400 total accelerated outdoor legacy waste inventory is being identified.
- At the C-410 Decontamination and Decommissioning complex, asbestos removal and sampling in Zone 21 has allowed downposting to "clean" status, permitting further work without mandatory respiratory protection. Shipments of low-level waste scrap metal from the HF Tank Farm to Envirocare are complete. The contract to remove the nitrogen facility as a Maintenance Action has been awarded. Comments were received on July 11 from the Environmental Protection Agency (EPA) and the Commonwealth of Kentucky

on the Engineering Evaluation/Cost Analysis (EE/CA) for the Limehouse, Contaminated Item Incinerator, and West End Smelter. DOE will submit the D2 EE/CA by mid-August.

- Drummed material at the DOE Material Storage Area (DMSA) is being removed, sorted, characterized, segregated, and repackaged. 641,000 of 860,000 ft³ of DMSA material has been characterized. 269,000 ft³ has been packaged and 252,000 ft³ has been shipped.
- In Legacy Waste disposition, 1,500 ft³ of Agreed Order waste was disposed of in the C-746-U Landfill and 1,995 ft³ of Agreed Order waste was shipped to Envirocare. DOE continues to process Agreed Order waste for the landfill and Envirocare.
- The Commonwealth of Kentucky approved the C-400 Source Removal Record of Decision (ROD) on July 19. The ROD signature is expected in early August. A Federal Facilities Agreement modification was submitted to the regulators to realign milestones due to extensions for document review. Under the revised milestone schedule, the Proposed Plan will be submitted to the regulators by September 7, 2005.
- Fieldwork began on the Surface Water Operable Unit (SWOU) on June 20, 2005. More than 3,000 screening samples and 400 lab samples will be collected from soils and sediments of the North-South Diversion Ditch (NSDD) Sections 3, 4 and 5, outfalls and internal ditches, and storm sewer discharge water. The Site Investigation/Baseline Risk Assessment will be submitted to the regulators during the Summer of 2006.
- 88 tons of waste went to the C-746-U Landfill in June. On July 6 Kentucky withdrew modifications for S, T, and U landfills, including the leachate facility, due to internal procedural issues. Re-issuance of the permit modification is expected following completion of the comment period. Completion of the leachate treatment facility is now anticipated in September 2005.
- On June 30, the Burial Grounds Operable Unit (BGOU) Remedial Investigation/Feasibility Work Plan was submitted to regulators, who have 90 days to review and comment.

Comments

Russell said the C-400 ROD-signing is a major event and a ceremony should be arranged to which CAB members are invited. Blumenfeld said DOE does want to celebrate the significant event, and the agency will coordinate with EPA and Kentucky when the ROD is ready for signature to ensure the CAB will be invited.

Miller asked how long it would take to dispose of the 3,000 tons of backlogged scrap metal. Blumenfeld said four months.

Lee asked if sampling continued during the recent heavy rainfall periods for the SWOU. Blumenfeld said the sampling is ahead of schedule. Maybriar said according to the SWOU Sampling and Analysis Plan, wet periods are needed for sampling of the storm sewers.

Ex-Officio Comments

Williams said EPA is working with DOE to get the C-400 ROD signed. He said there is a General Accounting Office (GAO) audit of all RODs involving the EPA over the last year to ensure land use control on property records are part of any remedy. All property records will include a clause for future buyers or users notification of the contaminant levels that are present there and that all of these records are maintained. He said amendments are being made for national consistency in land use controls.

Maybriar said Brad Holland is no longer with the Commonwealth of Kentucky; his position remains open.

Scott said the Radiation Health Branch (formerly referred to as the Radiation Control Branch) is attempting to re-establish a presence at the CAB meetings. He said a representative from the branch will be attending all Board meetings. Maybriar said Scott and the branch are very active at the Paducah site.

Public Comments

English said there is a verbal agreement that Active Citizens for Truth (ACT) will receive notification when documents become available for public comment. She said they have not received any notification on any document in over a year. Blumenfeld said Dollins would contact Greg Cook, Bechtel Jacobs, to ensure ACT receives notification of public comment periods.

English said News Channel 6 incorrectly reported that the government is considering the purchase of 120 plant-area homes whose wells are contaminated. In reality, a proposed Senate energy bill requires DOE to “undertake a study of the potential purchase of property of options to purchase property that is located above the plume of contaminated groundwater near the facility site.” English said the news station has not made a clarification or correction, and said she knows plant neighbors who assume their homes will be purchased. She said The Paducah Sun ran an article with the correct information but several of the plant neighbors do not subscribe to the paper. Blumenfeld said the Senate’s Appropriation Bill specifically asked DOE to evaluate the possibility of a property acquisition. She said this bill would be added to the CAB Web site. English said the neighbors need a clarification from DOE to address the confusion. Blumenfeld said she would take English’s request for a clarification from DOE back to the agency for discussion.

English asked Williams if land use controls and deed restrictions will be included on DOE property or private property. Williams said he was referring to the C-400 property. Jurka asked if land use controls would eventually include private property. Blumenfeld said Williams was addressing Records of Decision, which are remedial actions; the Water Policy was implemented as a removal action.

Jurka asked Scott if the Radiation Health Branch has sampled any vegetation at private properties around the plant. Scott said he knew sampling took place in 2000, and possibly more recently. Jurka asked if the data could be made available to ACT. Scott said yes. Jurka said a Garden Vegetable Study was completed by ACT at private properties around the plant and they asked the state to perform additional sampling. She said DOE and the DOE Reading Room were copied on the information. She asked what the DOE Reading Room was and why a copy of private information was sent there. Maybriar said all correspondence is submitted to the DOE reading “file” but it is for state use only and can not be opened via FOIA. He said all personal information in the electronic data base is blacked out. Jurka asked why a copy of that information was given to DOE. Maybriar said DOE, EPA and Ky. Fish and Wildlife all receive a copy of sampling sites.

Eadens asked that Community Outreach work with DOE on the land study information to keep ACT and other community members updated. Blumenfeld said DOE will meet with the CAB when it is determined how the study will be structured.

Task Forces/Presentations

Waste Disposition Task Force

Burial Grounds Operable Unit RI/FS Workplan

Russell provided a presentation on the BGOU RI/FS Workplan and the 3-D modeling used to measure contamination.

Lee said one of the conclusions that should be made is that the landfill could be a source of contamination for the Southwest Plume. Dollins said the Southwest Plume is a potential source. Russell said the next step is for the Water Quality task force to review the data and work with the Waste Disposition task force. Brindley said these models quickly educate the readers on the data that is available. Dollins complimented Williams on suggesting the modeling and believes the modeling has been a very valuable tool.

Water Quality Task Force

Smart said the Water Quality task force discussed the Kentucky Pollutant Discharge Elimination System permit, the state permit which sets limits on contaminant levels in discharge waters to outfalls around the plant. He said the permit expired on April 1, 2003. He said Larry Sowder, state permit writer, has committed to attend the next task force meeting to discuss the proposed revision.

Smart said comments on the Southwest Plume Risk Assessment are due back to the state by August 8. He said a presentation will be provided to the Board in September.

Smart said signing of the C-400 ROD is scheduled for August 2. CERCLA requires that ground must be broken on the project within 15 months after the ROD is signed.

Long-Range Strategy/Stewardship

Kerley said the task force received an update on the DUF₆ project and will provide a presentation to the Board in August.

Kerley said a compact disc is provided in the packet of Oak Ridge's Education Resource Kit for review. He said the task force is still discussing preparing a similar kit for local educators to review and support.

Kerley asked Board members to submit their preference for the site tour to be held on a weekday or a Saturday. He said a letter was in the packet from David Kipping, INEEL Chair, to decide who will attend the September Chairs Meeting in Idaho Falls.

Community Outreach

Eadens said a press release in the packet was sent to six radio stations, 14 newspapers and three TV stations and newspapers for membership recruitment. He said a newspaper ad has been drafted to send to nine newspapers. He said the ads will cost approximately \$2,000 and will be reviewed by the Executive Committee before the ads are placed. Eadens said the commercial will cost approximately \$500 to produce.

Eadens said a questionnaire is included in the packet to be handed each time the Speakers Bureau presentation is given. He said the CABfare is included in the packet for review.

Administrative Issues

Review of Workplan

Kay said the DUF₆ project overview has been postponed until August. Smart said the Southwest Plume Proposed Plan presentation should be moved to October as a place holder. Lee said the Water Quality and Waste Disposition task forces are overlapping on projects. McCorry suggested the chairs of the two task forces meet 30 minutes before the Board meeting to identify the overlap. Lee suggested inviting members of the other task forces when DOE has presentations on projects.

Review of August Agenda

Kay said the DUF₆ presentation would be moved to the August Board meeting agenda.

Action Items

All action items are closed.

Miller said she asked last month which two outfalls the United States Enrichment Corporation (USEC) is currently using to discharge the processed water from the USEC Water Treatment Facility and what outfalls would be used after the construction of the

leachate treatment facility. She said USEC is currently using Outfalls 4 and 8 to discharge the process water. The leachate treatment facility will be using Outfall 19.

Subcommittee Reports

Executive Committee

McCorry said the Chamber of Commerce is being contacted for interest in the site tour. She said the idea for a booth for member recruitment at the Downtown after Dinner and the Summer Festival has been replaced with the radio and television ads. She said the Executive Committee would be discussing the Annual Planning Retreat and the Chairs meeting next week.

McCorry said Ricky Ladd has resigned from the Board and Gary Reside has opted not to remain on the Board.

McCorry requested staff send an e-mail to all Board members for ideas on the Annual Planning Retreat agenda.

McCorry asked who would like to attend the INEEL Chairs Meeting. Russell and Miller said they were interested in attending. She asked staff to send an e-mail to establish if other members are interested in attending.

The meeting adjourned at 8:45 p.m.