



PADUCAH GASEOUS DIFFUSION PLANT CITIZENS ADVISORY BOARD

111 Memorial Drive • Paducah, Kentucky 42001 • (270) 554-3004 • PaducahCAB@bellsouth.net • www.pgdpcab.org

Paducah Gaseous Diffusion Plant Citizens Advisory Board Working Session Summary August 16, 2007

The Citizens Advisory Board (CAB) met at the CAB office in Paducah, Kentucky, August 16, at 5 p.m.

Board members present: Allen Burnett, Judy Clayton, Bobby Lee, Shirley Lanier, Jim Smart and Don Swearingen

Board members absent: John Anderson, Elton Priddy and John Russell

Board Liaisons and related regulatory agency employees: Mike Guffey, Todd Mullins, Edward Winner, Kentucky Division of Waste Management; David Williams, U.S. Environmental Protection Agency (EPA); Tim Kreher, Kentucky Department of Fish and Wildlife Resources (KDFWR) and Matt McKinley, Kentucky Radiation Health Branch

U.S. Department of Energy (DOE) Deputy Designated Federal Official: Reinhard Knerr

DOE Federal Coordinator: Mitch Hicks

DOE-related employees: Rich Bonczek, Tracey Brindley, Bryan Clayton, Kim Crenshaw, Bruce Gardner, Steve Hampson, Jerry Mayes, Eric Roberts and Jana White

Waste Disposition/Water Quality Committee

Southwest Plume Site Investigation

Bryan Clayton provided a presentation on the Southwest Plume Site Investigation and DOE's path forward. The investigation focused on three potential source units: Solid Waste Management Unit (SWMU) 1, the C-720 Maintenance Building and the storm sewer that runs north of C-720. The presentation identifies the following:

- Analytical results and conclusions for each potential source unit
- Sampling depths and results of trichloroethylene (TCE) and technetium-99 in the Southwest Plume
- Status and schedule of documents associated with the Southwest Plume
- Preparation, scope and future impact of the TCE Degradation Study

The Southwest Plume Proposed Plan will review the remedial alternatives considered for SWMU 1 and the C-720. The preliminary preferred alternative is no further action, which includes maintaining access controls and Comprehensive Environmental Compensation, Response and Liability Act (CERCLA) 5-Year Review.

The CAB may submit recommendations to DOE after receipt of the D1 Proposed Plan.

Surface Water On-Site Removal Action Overview

Jana White provided a presentation on the Surface Water on-site removal action. The presentation includes the following:

- Paducah Surface Water Strategy
- Surface Water Operable Unit scope
- Focus of the Site Investigation
- Focus of the Baseline Risk Assessment
- Document schedule

The Surface Water Engineering Evaluation/Cost Analysis will recommend the preferred alternative that best meets the removal action objective. The preliminary preferred alternative is excavation and interim institutional controls, which includes "hot spot" excavation and restoration, verification sampling during excavation and continued inspection and site maintenance. No long-term effluent monitoring for contaminant migration would be conducted.

The CAB may submit recommendations to DOE after receipt of the D1 Engineering Evaluation/Cost Analysis.

Long Range Strategy/Stewardship Committee

Environmental Indicators

Tracey Brindley provided a presentation on environmental indicators (EI). The presentation includes the following:

- Indicators and conditions
 - Groundwater Contamination Migration “No” condition at Paducah Gaseous Diffusion Plant (PGDP), Kentucky Department of Environmental Protection (KDEP) justification
 - Human Exposure Controlled “No” condition at PGDP, KDEP justification
- Path to gain a “Yes” for Human Exposure EI
 - Place signs along Little Bayou Creek
 - Stay on track with Soil Piles evaluations
 - Develop a process for managing uncertainties with respect potential human exposures associated with PGDP property
 - Develop a plan to expedite discovery of any yet accounted for areas of contamination
- Sign Placement and examples proposed by KDEP
- Planned Action – Install signs when DOE, EPA, and KDEP are in agreement on the actions specified by KDEP

Lee requested that staff prepare a recommendation to DOE on posting and maintenance of the signs.

Politics of Cleanup

Eric Roberts provided an overview on the Energy Communities Alliance’s (ECA) “Politics of Cleanup” communication recommendations. The presentation included the following:

- ECA organization and mission
- Four categories of recommendations: Goals, Actions, Communications and Conflict Resolution
- Communication recommendations
 - All parties must take into account post-cleanup requirements
 - Parties must build a working relationship
 - Be organized
 - Resources ensure parties can participate
 - Following the minimum in the law is not enough

The communication recommendations will be a topic for the fall Site Specific Advisory Board Chairs Meeting in Paducah. Roberts urged all members to review that portion of the document for discussion at the Chairs Meeting.

Community Outreach Committee

Membership Campaign

Roberts presented information that is used by the Savannah River Site CAB to promote membership. The packet included a public service announcement, press release, newspaper ad and the membership application that DOE Headquarters has requested that all CABs utilize. Lee said a significant change has been made to the CAB over the last few years and this should be advertised via newspaper and radio. Roberts said he is working with DOE to provide weekly or monthly articles for publication in the Paducah Sun.

Other Issues

Chairs Meeting Top Three Issues

The top three issues selected by the Board for the Fall Chairs Meeting are nickel disposition, C-400 area groundwater remediation and TCE degradation. All Board members were requested to send specific subpoints for each issue to Roberts to develop a draft slide for discussion at the Executive Committee meeting.

All CAB Working Session presentations are available on the CAB Website at www.pgpdcab.org.

The meeting adjourned at 8:30 p.m.

Actions

1. Staff will prepare a recommendation for CAB discussion on posting and maintenance of the signs to gain a “Yes” on the Human Exposure EI. *Closed, August 28.*
2. All Board members were requested to send specific subpoints for Chairs Meeting issues to Roberts for discussion at the Executive Committee meeting. *Closed, August 31.*