



Community Advisory Panel

MONDAY, APRIL 16, 2007

MINUTES

The Dow Community Advisory Panel met on Monday, April 16, 2007 at 6:00 p.m. at the Dow Conference Center. The following persons attended the meeting:

CAP Members

Ms. Carolyn Brown
Ms. Scarlet Callicoatte
Ms. Emma Davis
Mr. Earnest Grant
Mr. Raymond Smith, Jr.
Mr. Daniel Stoute
Mr. Gerald Wilson

Dow Personnel

Mr. Dennis Davis
Ms. Stacey Chiasson
Mr. O. J. Dupuis
Mr. Gary Cambre
Ms. Fran Comeaux
Mr. Andy Mosher
Mr. David Wilson
Ms. Gretchen LeBlanc

Facilitation Team

Tim Johnson, Facilitator
Nancy Campanella, Recorder

Also present was former CAP member, Dottie Vaughn. Panel members, Mr. Bill Cooper, Ms. Shelley Delapasse, Mr. Huey Gray, Ms. Juanita Hill, Mr. Mickey Rivet, and Mr. Gerald Trent, were unable to attend the meeting. After the facilitator welcomed those present, the panel approved the March 19, 2007 CAP meeting minutes, as written.

Dow Site Tour

After Mr. Dupuis provided safety information to those in attendance, the panel then toured the site, as follows:

1. **Emergency Services/Security Dispatch Center** – Mr. Mosher stated that the Security Dispatch Center has 2 identical areas. Security equipment is equipped with intrusion protection. The center works with the Iberville and West Baton Rouge parish emergency and security networks, and is capable of 24-hour weather monitoring. The center is staffed 24/7 with EMTs, firefighters, security, and communications personnel. Anything viewed on a center computer screen can be moved to a larger one in the center for viewing. The Emergency Operations Center (EOC), put into functional service last week, is the hub for handling emergencies with effective response, offering the opportunity to manage large events from one room. The center's purpose is to obtain information needed to make emergency decisions, to communicate, and to collaborate and coordinate. It provides for centralized direction and control. Communications can be done through satellite, if

necessary. It is a single point for the collection, evaluation, display, and dissemination of information. The EOC also provides continuity and facilitates shift changes. All resources can be identified at the center and ready reference on current situations is available. The center was designed with capability to change.

2. **METHOCEL® Unit** - Ms. Chiasson explained that METHOCEL® is made out of purified paper pulp and is used as a thickener (e.g., the filling of Twinkies). The METHOCEL® unit is the only Dow unit that must be inspected by the Food and Drug Administration. A rabbi visits the plant periodically to determine whether the METHOCEL® is kosher.
3. **Docks 1 and 2** – The panel then visited Dock 1, which can handle 4 barges or 3 barges and 1 ship at a time. Mr. Wilson explained that loading and unloading at Dock 1 is done via tubes, and at Dock 2, using load arms. Dock 1 is used primarily for chemical loading and unloading; and Dock 2 is used for feedstock and raw materials. It takes 3-10 days to load or unload a vessel. The vessel crew is not allowed to disembark while the loading or unloading is done. The vessels are typically stocked with ample food and drinks, televisions, movie capability, workout rooms, etc. Most of the vessels on the river are foreign ships because American ships are not allowed to travel from one U.S. port to another U.S. port. The markings on the foreign ships are in English because they are traveling to U.S. ports.
4. **Energy Systems Power 2 Unit** – The panel then visited the Power 2 plant, which produces 180 MW of electricity. Ms. LeBlanc explained that Energy Systems is a combined cycle power plant that consists of 3 energy efficient power plant facilities. The units emit more power while reducing emissions, making it a win/win situation. The units co-generate power and steam for industrial heating at the site. Originally, boilers were used to make steam at the site. This was an inefficient process that produced NOx emissions. Now the regeneration equipment is state-of-the-art with significant improvements. Ms. LeBlanc explained that Energy Systems produces 1400 MW of electricity, dependant upon whether Dow will be selling the power, and 3 million pounds of steam per hour, which is used in plant processes, Dow’s drinking water, and as condensate water. Between 550-600 MW of electricity are used onsite. The water used in the process is returned to the Mississippi River. The 3 plants use boilers, gas, and steam turbines. Prior to December 2006, Power 3 was owned by AEP. In December 2006, Dow took control of the power plant, and added 9 new Dow jobs. The panel then visited the Central Control Room that handles the 3 power plants. The power plants have 60 Dow employees and 60 maintenance employees. There are 10 chemical engineers and 50 operators, technologists, and technicians in the 3 plants. Operators must be certified in all 3 plants to work in the Central Control Room. Substantial knowledge is required to work in the control room. Workers must be able to work safely, respect the environment and community, be able to work as a team, and have skills in science (chemistry), math, English, and computers. The Central Control Room is responsible for providing power and steam to the entire LAO site. Startup and shutdown is done in the control room. The cycles are controlled through the speed of the machine. When the pressure gauge is at 1250, things are going well.

Answers to Questions and Comments Included the Following:

1. There are approximately 1,600 Dow employees and 1,600 contractors employed at the site. The contractors primarily handle maintenance and packaging jobs. At any

- given time, there are around 1,500 people on the site. There are 600 extra workers working on the Capstone project, which is scheduled to start up at the end of the summer. These 600 workers leave the site between 5:00-5:30 p.m.
2. 22 cooks will participate in the United Way Cookoff on Tuesday, April 17, 2007. Each pot of jambalaya made costs \$400 and feeds 100 people at \$4 per plate. The winner of the cookoff will compete in the Capital Area United Way Cookoff. Jay Grimes with WAFB-TV will be one of the cookoff judges.
 3. A panel member stated that she was very impressed with the tour. She was surprised at the amount of power the units can--and do--produce.
 4. Another panel member stated that he was very impressed with the power center.

Next Meeting

The next Dow CAP meeting will be held on Monday, May 21, 2007 at the Dow Conference Center. The main agenda item will include a presentation on Ineos's worst-case scenario. An update on the Capstone project will be added as a future agenda item. Another suggested agenda item was for the CAP to provide input on a community need that would support Dow's 2015 Sustainability goals, in particular the EH&S Local Protection of Human Health and Environment goal.