

Community

SHELL DEER PARK

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COKER UNIT MAKES PLANS FOR **STARTUP**

Final planning procedures are being completed on the startup of a Coker Unit at DPMC, a major piece of the Shell Deer Park Refinery Limited Partnership's \$1 billion upgrade program, a joint venture of Shell and PEMEX.

Actual startup of the unit, which will process heavy Maya crude from Mexico, is scheduled to begin late April or early May, with 70 Shell operators, foremen, inspectors, engineers and crafts personnel running the facility.

Personnel are executing plans now to start up the unit in a safe and environmentally responsible manner. The unit passed an extensive pre-startup safety review in March that assessed the readiness of the unit. Earlier, operators completed six weeks of intensive classroom and hands-on field training.

The coker processes pitch (an asphalt-like material) into gasoline, gas oils and coke. The coke will be shipped out by barge while the gasoline and gas oils are further

refined at the Complex to produce finished products such as reformulated gasolines required by the Clean Air Act.

A Gas Oil Hydrotreater unit is also in pre-startup mode. The GOHT processes gas oils produced in the coker unit and an existing distilling unit. The GOHT removes contaminants such as nitrogen and sulfur from its feed to make high quality gas oil products such as low sulfur diesel. ■

Shell's capacity to generate power and steam to run the Complex will soon be expanded with the startup of a Cogeneration Unit, another piece of the work related to the Deer Park Refinery Limited Partnership, the Shell and PEMEX joint venture major upgrade.

The Cogeneration Unit, in the final phases of startup, is designed to generate a nominal 160 megawatts of electrical power (enough electricity for a city of 30,000) and one million pounds per hour of steam.

A unique arrangement for Shell Deer Park, the

Cogeneration Unit has two facets—on-sites and off-sites. Both have been managed, designed and constructed by contractors for a third party, Houston Industries, the organization that will actually operate the facility.

The unit passed its first major startup hurdle at the end of February, a series of performance tests after which the Cogen Unit is designated as "commercially operational."

Construction on the unit began at the beginning of February last year and was completed at the end of January this year. ■

COGEN UNIT FIRING UP

POWER & STEAM





SERVE volunteers Mike Boyle and Explorer Scout Doug Koch help build a shed during a fix-up day in February at Armand Bayou Nature Center in Clear Lake.

SERVE cleans up for conservation at Armand Bayou

Shell Deer Park volunteers recently gave Armand Bayou Nature Center a fresh paint job, a good cleaning and some needed renovations.

Some 60 SERVE volunteers, including two Explorer Scout troops, made several improvements to the Clear Lake wildlife and wilderness preserve during the full-day project. They cleared off brush from some fenceline, painted the inside of a farmhouse and barn and added an extension to a shed which houses farm implements.

Members of Shell Deer Park SERVE (Shell Employees and Retirees Volunteerism

Effort) volunteer to spend many weekends and evenings fixing up their neighborhoods or helping charity agencies.

The Nature Center fix-up was a popular activity, possibly in part because of the natural beauty and the many activities the center has to offer.

Armand Bayou is a conservation, education, recreation and cultural institution that offers a wilderness preserve of more than 2500 acres. The center has the largest wildlife preserve in an urban area in the United States with an outdoor living museum preserving substantial remnants of original Houston region ecosystems. ■

Rid your home of hazardous waste, quick and easy

It's time again to check your home for empty, unwanted, unused and out-of-date hazardous household products. You'll have a proper place to dispose of them on April 22 during East Harris County industry's Household Hazardous Materials Collection Day 1995.

Materials may be dropped off between 9 a.m. and 3 p.m. at the Deer Park Transfer Station, 610 Underwood Road in Deer Park.

If you would like to volunteer on Collection Day, organizers would be glad to put you to work. Call Deer Park site coordinator Rusty Dunn at 930-2413.

Household Hazardous Materials Collection Day, now in its seventh year, honors the 25th Anniversary of Earth Day, a day of environmental awareness, held nationwide each year. The program is endorsed by John Hall, commissioner of the Texas Natural Resource Conservation Commission. He



considers Collection Day to be a vital part of the TNRCC Clean Texas 2000 program.

Each year, Texans throw away 60,000 tons of household hazardous waste. Household Hazardous Materials Collection Day has accommodated the growing need to dispose of these items properly.

Last year 2,094 Ship Channel-area households disposed of 264,254 pounds of automotive, paint, cleaning and other waste materials, a jump of over 62 percent over the previous year's collections. A total of 619,844 pounds have been collected since 1987.

Sponsors of the event this year, in addition to Shell, include the 85-member East Harris County Manufacturing Association (EHCMA), area cities and Local Emergency Planning Committees (LEPCs), as well as environmental service companies. ■

Volunteers head for Trash Bash

Shell employees are committed to environmental protection in the workplace, an attitude which has led to improved environmental performance, such as a nearly 50 percent reduction in emissions during recent years.

Shell employees carry this same environmental commitment to their community. That's why, for the second year in a row, more than 500 Shell volunteers will clean up for Earth Day at the Bays 'N Bayous Trash Bash at the San Jacinto Battleground State Park. The 1995 Earth Day salute is scheduled for March 25.

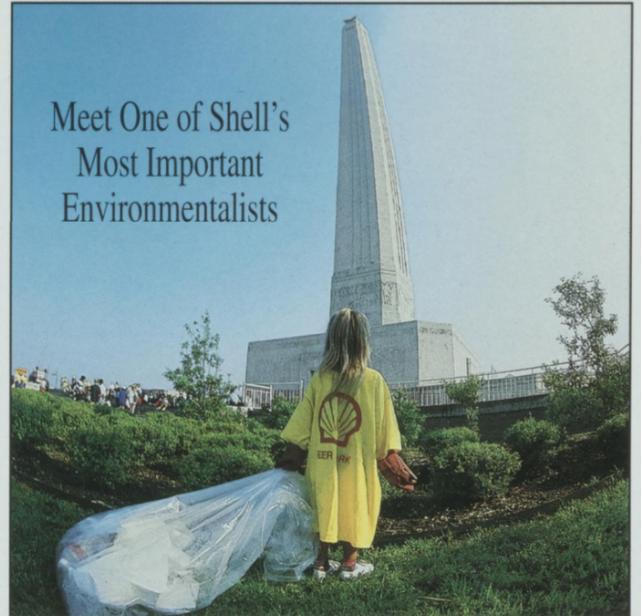
The Trash Bash commemorates Earth Day, an annual day of environmental awareness. Besides hunting down and bag-

ging trash for a day at the state park, the Trash Bash is an effort to improve the environment, educate people about the plight of our public waters and the dangers of pollution.

An army of SERVE volunteers (Shell Employees and Retirees Volunteerism Effort) in their bright yellow and red Shell T-shirts will help clean up the environment as well as register and feed thousands of other volunteers at the Trash Bash.

Join the Shell SERVE volunteers March 25. Come help clean up and enjoy food, fun, entertainment and gifts. Bring your family and friends, too. Call 1-800-648-3927 to pre-register for the Bays 'N Bayous Trash Bash. ■

Meet One of Shell's Most Important Environmentalists



Shell Deer Park salutes Lindsay Tippit, gathering trash at the San Jacinto River Clean Up, and the thousands of other area volunteers who give so generously of their time and energy to Shell-sponsored environmental programs. Because of their tireless dedication, we're making a difference in our community, transforming it into a better place to live, a better place to leave...to our children.

Your neighbors at Shell – World-class performers on the job...in the community.



Responsible Care, through the Chemical Manufacturer's Association, is a continuing effort to improve the industry's responsible management of chemicals. STEP, through the American Petroleum Institute, addresses public concerns by improving our industry's environmental health and safety performance.

How to reach Shell Deer Park

246-6247 Daytime calls (Community Relations)
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Shell Deer Park

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