

Shellegram

Deer Park Manufacturing Complex

Thursday, May 25, 1978
Vol. 43, No. 21

Plant Safety Record Merits National Recognition

The safe operations of the chemical plant were recognized by the National Petroleum Refiners Association during the trade group's 76th Annual Meeting in San Antonio last month.

At a special presentations ceremony on March 20, NPRA board chairman John R. Hall, presented NPRA safety award plaques to Shell Chemical in recognition of the exceptional record of safe operations at the DPMC. In making the presentations, Hall cited the plant for operating one million man-hours without a disabling injury and for a 24 percent reduction in total recordable injuries.

Recipients of NPRA safety plaques included 31 additional refineries and petrochemical plants which have operated 365 consecutive days without a disabling injury and 26 other companies were cited for having operated one million or more manhours without a dis-

Chemical Safety Comm...

Chemical Safety Committee members pose with the plaque awarded to the chemical plant for its outstanding safety record.

Seated are Jim Spradling, instrumentman, and Michael W. Miller, painter No. 1.

Standing are J. R. Cravey, "A" operator; Carl H. Rogers, maintenance supervisor; J. T. Hickman, electrician No. 1; and Odis Chappell, safety supervisor.

abling injury.

The presentation of the safety award plaques is part of a comprehensive program which the NPRA's Fire and Accident Prevention Committee has deve-

loped to promote accident prevention in the refining and petrochemical industry and to publicly recognize the excellent record of safety in operations which the industry has compiled.



DPMC Employees 'Come to Shell for Answers'

Want to know more about Shell, the Deer Park Manufacturing Complex, or your department? Well if you do, or even if you do not, you are invited to participate in Shell's sixth annual Employee Communications Program which will soon be getting underway at the DPMC.

BPA-3 Start-Up ...

Start up of the DPMC's liquid resins distribution facility was officially completed on May 1. The new facility is one of the most modern of its kind in the United States. Congratulations to all Major Projects, start up and operations employees who worked on the project.

The Employee Communications Program is an annual series of small group meetings in which Shell employees discuss the company's activity.

At the Deer Park Manufacturing Complex, various superintendents, managers and supervisors lead discussions with fellow employees who attend the meetings on a voluntary basis. This year's discussions will include a 20 minute slide-tape message from Gary Dillard, general manager, DPMC, covering a variety of local issues. The host will also make a short presentation on corporate issues which is followed by a discussion of things more directly relating to your work area.

The various departments will be

announcing meeting schedules soon. You are encouraged to attend, ask questions and state your views on Shell's activity.

Final Call For Graduates' Issue

Only one week remains for submitting information and a picture of your graduating son or daughter for inclusion in the July 6 Graduates' Issue.

Forms may be obtained in room 151 of the refinery administration building or by calling 6301 and requesting that a copy be sent to you.

This is the final call for submissions to the Graduates' Issue.



Kindergarteners Learn With Shell Donated Equipment

Safety equipment donated by Shell Oil Company was the highlight of the Parkwood Elementary School's Kindergarten Learning Center on "Career Awareness."

Cathy Claborn and Denise Rice role play "a day at the refinery" where Denise's mother, Charlotte Rice, works as a senior clerk in the Refinery Laboratory. Cathy's mother also works for Shell at the Information Center.

BPA-3 Start-Up Team Completes Training



The BPA-3 start-up operations team, consisting of operators and shift foremen, has completed a six-week training program that included classroom and field instruction. Team members pictured are:

Kneeling, A. Garcia, R. C. Mayfield, M. E. Hood, G. J. Palacios, J. H. Broussard, H. G. Lede, A. R. McGrew III, L. Smith and J. L. Edwards, Jr.
Standing, R. A. Malonson, shift foreman H. J. Farmer, shift foreman B. F. Yarbrough, shift foreman B. A. Benson, D. L. Wilson, S. R. Gresham, shift foreman E. P. White, A. T. Clayton, D. D. Schulz, E. W. Mike, N. O. Windus, D. W. Dorniny, D. L. Butcher and L. D. Daniel.

Florida Plant Converts Garbage Into Gas

Work is about to begin in Pompano Beach, Florida, on the nation's first pilot plant to convert city garbage and sewage into gas for homes and industries.

With a \$2.9 million grant from the federal Energy Research and Development Administration, plans are to shred 100 tons of garbage a day.

Organic wastes will be mixed with city sewage (sludge) and nutrient chemicals and heated to 140 degrees F.

Then the mixture will be stirred for five days.

The predicted results: conversion of about half of every ton of garbage dumped at the plant into: 1) 3,000 cubic feet of low-quality methane gas usable in industries (further refining would yield higher quality gas for home heating), and 2) 3,000 cubic feet of carbon dioxide usable in such things as carbonated beverages.

Whether the process will be profitable is still debatable.



Operator Ray Malonson (center) and BPA-3 shift foreman Harold Myers observe as operator Wayne... operates the hydraulic manlift which will be used to service and inspect... reactor product coolers.

World's Largest BPA Unit To Start Up

When the new BPA-3 (Bis-phenol Acetone) unit starts up, it will raise the DPMC's BPA producing capability from its present 150 million pounds per year to 350 million pounds per year. This is the largest BPA expansion undertaken by Shell and makes the DPMC the world's largest BPA producer. That's a big jump over the original 7.5 million pound per year unit built in 1953.

BPA is produced by reacting phenol (from the Phenol-Acetone Plant) and acetone (from "A" Department) in the presence of catalysts, which speed up the reaction. Finished product, which is a liquid at 300-315 degrees Fahrenheit, is solidified and cooled on a drum flaker. The flaked product is then marketed in bags or in railroad hopper cars.

Basically, two grades of BPA are

manufactured: resin and polycarbonate. The resin grade (BPA-154) is mostly to make epoxy resins right at the complex. The polycarbonate (BPA-157) is a high purity material which we sell to customers for making polycarbonate resins. Carbonates make up a large share of plastics is often called "high impact resins" such as shatterproof and football helmets.

BPA-3 was built to serve the increasing needs of customers both inside and outside of the DPMC. One customer was the ERU-5, a liquid resins unit ready to place in operation. "Here you are the world's largest BPA unit," says R. M. "Mike" Schwartz, plant manager, BPA-3 Start-Up. "Large start-ups take a great deal

of preparation and hard work, and BPA-3 is no exception. Mike notes that the start-up operations and support personnel have been working on shift for several weeks preparing the unit for introduction of feed and that the BPA-1 and -2 operations people have made a significant contribution to the start-up effort.

"They have," he said, "withstood a lot of inconveniences for the past two years as the unit was being built, and is now being started up, practically in their laps." He continued by stating, "It's a unique start-up because our new equipment is tied in closely with the BPA-1 and -2 production units, which have to run uninterrupted throughout the start-up. We even share a common control room. This situation requires teamwork of not only the BPA-3 people but also the entire BPA Department."



UP COMING EVENTS

- * BOARD MEETING 5/31/78
- * SUMMER DANCE 6/2/78
- * SKATING PARTY 6/7/78
- * TENNIS TOURN. 6/24/78 6/25/78
- * BOARD MEETING 6/28/78
- * MEN'S SOFTBALL EACH WED.
- * SQUARE DANCING EACH TUES.

FOR INFORMATION OR PUBLICATION OF SCORA EVENTS CONTACT
BOB JOHANSEN - 6433.



BPA-3 operator Ray Malonson watches as his shift foreman, Harold Myers, demonstrates the proper lineup of a vacuum jet system.

Classifieds

1972 Cadillac 4-door Fleetwood Brougham, loaded, 40,000 actual miles. 479-2500 after 4:30 p.m. \$2,950.

Electric range, Gaffers & Sattler. \$110. 479-2500 after 4:30 p.m.

Used refrigerator, Catalina. \$100. 479-2500 after 4:30 p.m.

1972 El Camino, loaded with extras, steel radials, tape deck, C.B. burglar alarm, mag wheels, low mileage, clean and neat. See to appreciate. 946-6241 anytime. 944-1965 5-9 evenings.

Sears Craftsman electric lawnmower, twin blade, 1 year old. \$50. 473-7961 after 5:30 p.m.

1971 Toyota Mark II, 4-door, automatic, air, heat, rear window defogger, radio, excellent condition. \$1,000. 473-1082

Top freezer refrigerator, \$225. 4-drawer chest, \$35. 479-9866.

House for lease in Clear Lake City - Middlebrook, 3-2-2, \$415 a month plus deposit. Available June 1st. 488-0418.

3-1-1 house, newly remodeled, fenced yard, carport, and trees. \$25,000. 427-9078.

1970 Firebird, good condition, air conditioned, good tires, \$1,095. 487-6874 or 472-3187.

1972 Gremlin, 6 cyl., 3-speed, good engine. \$950. 479-2886. 946-8317 (after 6 p.m.).

13.5 Cu. Ft. AMC Refrigerator, frost-free, coppertone, good condition. \$100. 479-4245 after 5:00 p.m.

Two chairs, orange floral upholstery. \$30 each. 19" black & white portable television with stand. \$40. 479-2580 after 5:00 p.m.

32" x 21" stainless steel double sink. \$20. 472-5988.

1976 Invader Intruder Elite, 16' open bow trihull, 175 H.P. O.M.C. inboard-outboard. Many extras, excellent condition. 487-6100, 487-4710.

1975 Maverick Grabber, 302 V-8, P.S., factory air, 31,000 miles. \$2,600. 473-7056.

Six space lot Southpark Cemetary, choice location. \$1,500. 926-6065.

1970 Ford pickup with Travois camper, 33,000 miles, auto, new tires, air, radio, power steering. Self-contained camper sleeps 4, 23 channel CB, heater, butane refrigerator and stove, butane tanks, bath with shower, carpeted. \$3,500. 471-4943 after 6:00 p.m.

1968 Sterncraft, 22' long, 50-gallon gas tank, head, radio, depth finder, dual batteries, 160 H.P. Mer-Cruiser I-O, tandem trailer, \$3,500 cash. 339-1636.

PERSONALS

I want to take this opportunity to thank my many friends at Shell for the retirement party, thoughtfulness, and gifts on my retirement. Thank you again.
- Travis and Annie Mae Lancaster

I would like to thank everyone for the wonderful "send off". The scroll is great and I am really proud of it. Audrey and I will remain at 302 South Iowa, La Porte and visitors are always welcome. Thanks for all the help extended to me throughout the years.
- B. J. Faulkner

Treating Meeting

Employees of the old Refinery Treating Department and their friends are invited to a party at Mitch's Steak House, 414 Spencer Highway in South Houston on Thursday, June 1 from 6:30 to 10 p.m. If you plan to attend, please call Henry Boggs 946-2873 or Bally Gann at 946-7235 before May 30. The dinner costs \$7.



"Clyde didn't believe in cremation. He just had the habit of smoking in bed."

Shellegram

Deer Park Manufacturing Complex

Published weekly by Shell's Deer Park Manufacturing Complex for its employees and pensioners. All inquiries should be addressed to Shellegram, Shell Oil Company, P. O. 100, Deer Park, Texas 77536.

Dotti West - Editor

P. O. Box. 100
Deer Park, Texas 77536