

Shellegram



93.5

DEER PARK MANUFACTURING COMPLEX



MTBE—A catalytic distillation reaction column is lifted onto its foundation at the MTBE Unit. The 180-foot-tall, 10-foot diameter column, which will separate

MTBE from methanol and butylenes, is the second largest in the Alky/MTBE Complex. Start-up of the Complex is expected to begin in the first quarter of 1994.

Coker construction gets green light

DPMC got the go-ahead recently from the Texas Air Control Board (TACB) and the Environmental Protection Agency (EPA) to build a delayed coker unit, one of the major components of a \$1 billion Refinery Upgrade Program at the Complex.

The permit was received ahead of schedule, according to employees involved with the project. Preliminary construction began May 1.

The coker will enable DPMC to convert petroleum into higher quality, higher value jet fuel, diesel fuel and gasolines, one component of an effort to improve the refinery's global competitiveness, operating efficiency, and long-term economic viability.

The upgrade as a whole is also expected

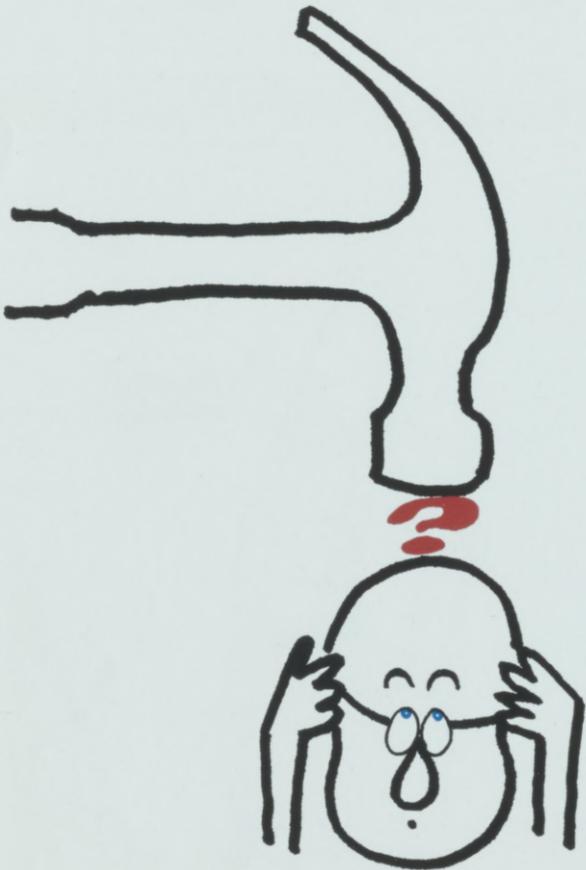
to result in a significant reduction in total air emissions produced by DPMC operations and create as many as 3,000 construction jobs.

Other components of the upgrade program include hydrotreater and sulfur recovery units, a Clean Fuels Project (an Alkylation Plant that will produce a high-octane component used in reformulated gasoline; and an MTBE Plant, which will produce a high-octane gasoline component used to reduce carbon monoxide emissions), and a Cogeneration Power Plant which uses surplus fuel and natural gas to generate electricity and steam used by the Complex. Construction of the Alkylation and MTBE plants has been approved and is already underway.

"Receiving the air permit in a very timely fashion shows what can happen when industry and government regulatory agencies work closely together providing complete, thorough information," says DAN BURT, superintendent, Major Projects. "This quick approval is good for both the economy and the environment as this construction project will provide a significant number of jobs—construction and permanent—and will reduce air emissions at our Complex." ■

KEEP IT
SAFE
KEEP IT
CLEAN
KEEP IT
RUNNING





Are you in harm's way? ...

by the Awareness S.A.F.E. Team

You may be and not realize it! A review of DPMC injury statistics during the period 1990 to 1992 indicates that many of us have been.

In fact, statistics show that the percentage of Complex injuries resulting from what safety professionals call "line of fire" have been increasing rapidly. In 1990, 30 percent of all injuries in the Complex could be attributed to these incidents and the percentage grew to 40 percent in 1991 and 53 percent in 1992!

What is line of fire and how can you prevent such an injury?

Being in the line of fire means that some portion of your body will be hit by a material (solid, liquid or gas) if a source of energy were released and you happened to be in its path.

Energy can be released in many different ways, putting some part of your body in the line of fire. Here are some examples:

- Hand, while holding a nail in place

while you use a hammer;

- Knuckles, when you exert force on a wrench that slips;
- The whole body, when a pipeline is opened for the first time for maintenance.

Where you are standing and what is protecting you can mean the difference between an injury and going home safe and sound at the end of the day. The key to prevention is to consider what energy sources in the work environment or forces you exert could cause you harm for each activity you do.

Ask yourself, "Am I in harm's way?" If you think you are, change your position or approach to the activity so that if the energy were released, you would not be in its path. ■

EGGSPLOSIVE

By Dave Stanczak, Control Systems

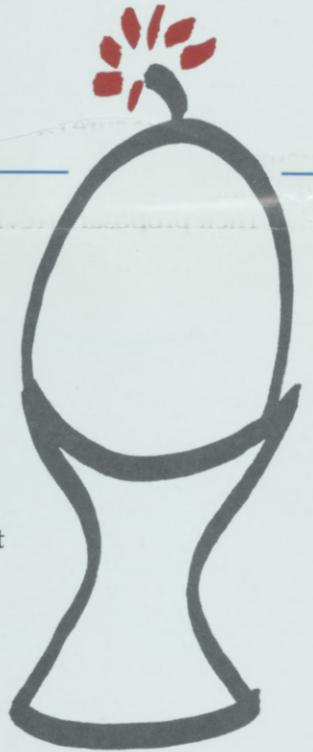
Although this incident actually occurred at DPMC, it could very well happen at home, as it involves cooking in a microwave oven.

On April 7, I was boiling an egg in a beaker of water in the North Labs microwave oven. After four to five minutes I turned off the oven and reached in to remove the beaker. As I grabbed the beaker a violent explosion occurred. The force of the exploding egg sent water and egg over a wide area and also covered my FRC lab coat, face and safety glasses.

Luckily, as the water traveled through the air it apparently cooled enough so that it caused no burns.

Besides a large, smelly mess, the only resulting damage was to the microwave oven. The force of the explosion blew out the bottom of the oven and actually bent the exterior metal frame around the door. The surprising part of this story is that the beaker that I was using ended up on the floor and did not break or even crack.

From talking with others, I became aware that eggs should not be cooked in a microwave and also that many people are not aware of this fact. Please share this story with your loved ones because a repeat occurrence could cause a serious injury. I was lucky! ■



Family Safety Slogans spring out

MICHAEL CAVE, ZACHARY POE and JOHN DANIELS and their families won the Family S.A.F.E. Team's "Spring into Safety" Safety Slogan Contest.

Cave, DU-2, and his family, entered "The Sun is Shining and spring is near, it's time for camping, so check your gear." Poe, Solvents/Distribution, and family won with "Spring safety on your family and let it grow all year round." Daniels, East Fuels/Electrical, and family came up with "Safety is not a frame of mind, it's the whole picture."

Runners up were: TONY MIRENDA,

Environmental Operations (?), "Spring into '93 by March-ing hand in hand with safety and environmental work practices"; J.M. OWENS, Central Maintenance, "Like the days of spring safety is always welcome"; ALAN BROWN, Environmental Operations, "Don't burn in the sun, the results are no fun"; GIL JACOBSON, BPA, "Don't be pushing up daisies this spring, be safe"; LLOYD ADAMS, Shutdown Planning, "Accident free in '93—Do it for your family"; S.M. WALTMON, Engineering Services, "Bee safe, Don't get stung"; MARTIN REIM, Major Resins,

"Spring into safety for lots of fun; fun without safety can hurt someone"; STEVE METCHIS, Control Systems, "Make safety the first sign of spring"; WALLACE HALLUM, Olefins Maintenance, "When the heat drives out the cool, be careful around the pool"; and MARK BERENS, Engineering Maintenance, "Plant the seed of safety this spring for a healthy family tree".

The Family Safety Slogan Contest is held quarterly for all employees. Watch for announcements for next round of entries and enter your family's favorite seasonal saying. ■



Teams unite for oil spill brush-up class



How do you operate oil spill communication equipment, maneuver a boat, deploy a boom, and maneuver a skimmer during an oil spill at the docks?

These are some of the activities members of Marine Emergency Response (MER), Clean Channel Association (CCA), Marine Oil Spill Team (MOST) and Docks personnel practiced recently in a joint oil spill class.

Training began in the classroom where

members reviewed response levels and the Incident Command System, then moved outdoors where the communication system equipment used in MER response was presented, operation of a skimmer was demonstrated, and groups practice deploying 600 feet of boom for a simulated oil spill while using hand-held radios.

The three response teams are the primary responders in the event of a spill at the docks. Each team has a different responsibility but are taught to synchronize efforts and work as one, when called upon.

MER coordinates a response at the spill site and supervises responding contract clean-up personnel who perform containment, removal and disposal responsibilities.

MOST responds with trailers of containment boom, deployment equipment and other oil recovery equipment. They also represent DPMC in the event that the CCA requests outside assistance with a Ship Channel Spill.

Docks personnel are the first responders during an oil spill. They initiate the containment of the spill, decide what level of response is necessary, and call out other resources as needed.

Training was developed and presented by MARIO HERNANDEZ, Docks; MIKE CLAWSON, Logistics Maintenance; and TOM SHAW, East Operations Maintenance.

"Everyone benefitted from the class," says JERRY WILLIAMSON, Health and Safety, and MER/MOST Training Coordinator. "Coordinators and participants were professional and enthusiastic. It was a lot of hard work but enjoyable."



SWAT Team chartered

New emergency procedures adopted

A Complex SWAT Team was chartered in April to make sure DPMC employees, contractors and visitors understand what to do during an emergency.

Their proposal to revise emergency procedures was approved by the Senior

Management Team and took effect April 27. A Complex-wide drill was held on that day to give all persons an opportunity to practice their responses to the new procedures.

Under the revised plan only one alarm will be sounded for all Complex emergency events—one 15-second blast for all emergencies, and three 5-second blasts for the all-clear. Other changes designate which groups will take what specific actions.

An announcement over the UCC radio system will provide information about the event and the affected zones. All employees, contractors and visitors have received or will soon receive written copies of the new procedures.

Recycling reviewed

DPMC saved 1,958 trees, 299 yards of landfill space and 11,515 gallons of gasoline the last two years after introducing its recycling program.

Between September 1990 and March 1993, the Complex has recycled 230,300 pounds (or 115.15 tons) of computer and white ledger office paper and approximately 5580 pounds of aluminum cans under the DPMC

Shell Chemical acquires two new businesses

Shell Chemical Company recently completed the purchase of Schering Berlin Polymers Inc.'s epoxy curing agents and polyamide resins business including its manufacturing plant in Lakeland, Fla.

The products involved are sold primarily into civil engineering, coating, adhesive and printing ink markets. Schering Berlin Polymers' corporate offices are located in Dublin, Ohio.

On April 1 Shell Chemical completed the purchase of selective assets of Hi-Tek's specialty resins business. Hi-Tek Inc. is a wholly-owned subsidiary of Rhone Poulenc, Inc.

The business' main products are specialty epoxy resins and curing agents which are used in industrial coatings, adhesives and composite structures. These products complement Shell's existing technology and feedstock capabilities.

KEEP IT SAFE
KEEP IT CLEAN
KEEP IT RUNNING





TPP moves forward

Since DPMC Business Services introduced the Total Procurement Process (TPP) to senior location management and key material suppliers in late 1992, the process has gained momentum, becoming the key purchasing initiative at the Complex and across Shell Oil.

Currently at DPMC, 10 cross-functional work groups made up of purchasing, maintenance and engineering, and key supplier personnel are working mutual business issues aimed at maximizing the return on Shell's investment.

"TPP is not a radical change from past strategy and objectives, but rather an enhancement that provides a model and broader view of the procurement process whereby significant cost elements that impact the "total cost of ownership" for a product or service can be identified and optimized, providing Shell with a competitive advantage," says MIKE HARRINGTON, Operations Business Support team leader.

This process enables Shell to consider and manage all "real" cost elements, including the price, acquisition cost, and life cycle cost for a particular

Utilizing this process enables us to look behind, between and beyond.

product or service. "Utilizing this process enables us to look behind, between and beyond the basic asking price," says Harrington.

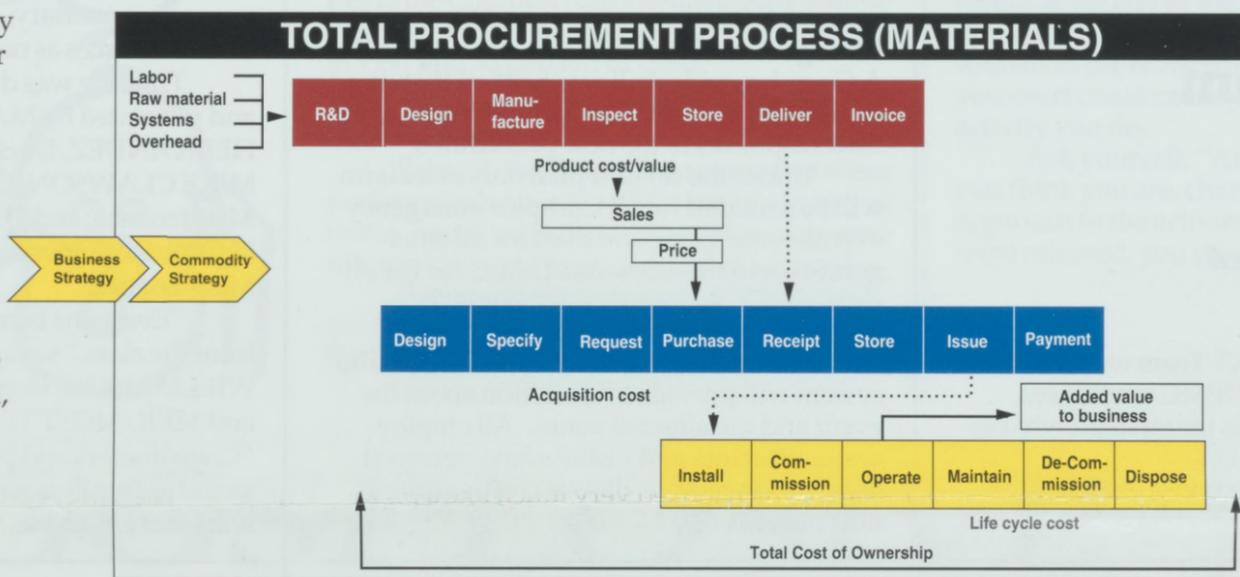
Many distinct and measurable elements make up the total cost of ownership. Once the most significant cost elements are defined and quantified as they apply to a particular business relationship, Shell can translate performance improvements into real cost reduction.

"Through teamwork, knowledge and innovation, we are confident this process will

create efficiencies, eliminate waste, and most importantly, create a significant and positive impact on DPMC's bottom line," adds Harrington.

"The Total Procurement Process is a broad business approach implemented throughout Shell Oil," says STEVE KESINGER, staff buyer, Supplier Quality & TPP, Head Office.

"This process should become a way of conducting business throughout the company. It's not just another program." ■



Carrier four-time Lubricants award winner

Mission Petroleum Carriers, a trucking company that makes numerous deliveries to Shell customers, recently won the Deer Park Chemical and Deer Park Oil "Carrier of the Year" awards for 1992.

Motivated by the theme "Driving toward quality together," Chemical Distribution/Customer Service and Lubricants Customer Services jointly administered a program to heighten the awareness of safety and quality in deliveries of Shell products to solvents, resins, phenol and lubricants customers across the U.S.

Nineteen-ninety-two marks the third year Mission has won the Chemical award and the fourth year for the Lubricants award issued to the trucking company that best meets a "strict" set of criteria, according to LEE KUNKEL, Customer Services.

ARCH KELLY, Mission president,

acknowledged that Shell's awards were "very prestigious" and "ones that our drivers

are most anxious to receive. All of us at Mission are very proud to have won." ■



MISSION—Mission Petroleum Carriers is the four-time quality winner of Deer Park Oil's "Carrier of the Year" Award, and three-time winner of the same award for Deer Park Chemical. Employees of Mission and Shell gather at Mission headquarters for a picture moment.



CUFFED—Deer Park Police Officer Larry Martin "arrests" and handcuffs Community Relations Manager Dennis Winkler on charges of suspected good-will. Winkler's bail went to fund Project Graduation, a graduation night activity at Deer Park High School supported by DPMC's Partners in Education Committee.

Community Relations manager gets the slammer

What do a police officer, a Community Relations manager and Deer Park High School graduation have in common? Plenty.

Shell and Deer Park Community Relations manager DENNIS WINKLER helped make graduation safer for high school seniors by agreeing to go to jail to raise money for Project Graduation, a get-together where students commit to stay alcohol and drug-free and spend graduation night at the high school.

Winkler was handcuffed and taken to a

little-known local central lock-up site in Deer Park (which looked very much like a pizza parlor) while KIM NEWMAN, a Community Relations VOE student made Winkler's bail by calling on friends who agreed to pay for his freedom.

The Jail and Bail fund-raiser netted \$151 dollars, part of which was a matched Shell Oil Company donation.

Shell's Partners in Education Committee supports Project Graduation in designing important activities for local school youth.

Said the handcuffed Winkler, who complained about his hands staying bound so long, "It was a very humbling experience, but it was worth it. I'm glad I can help keep our seniors safe and alive on a night that could otherwise end in tragedy."

1993 Shell scholarship winners announced

Five children of DPMC employees were recently awarded Shell Oil company Foundation college scholarships. The high-school students were among fifty-one other recipients throughout Shell Oil Company, Shell Offshore Inc., Shell Pipe Line Corporation and Shell Western E&P, and including pensioners and deceased employees of those organizations.

The 1993 scholarship winners are: CHRISTOPHER M. CARBAJAL, son of VICTOR CARBAJAL, Control Systems; ROY S. JACOB, son of SAM JACOB, Control Systems; MARK R. MALTSBERGER, son of GEORGE MALTSBERGER, JR., Product

Analysis; ALANNA A. TERRELL, daughter of JERRY TERRELL, Quality Assurance; THAI-LAN T. TRAN, daughter of PHAT TRAN, Control Systems.

Roy Jacob is also a Merit Finalist in the 1993 National Merit Scholarship Program.

The Shell scholarship program is in its 25th year. Each scholarship is a four-year award ranging from \$1,000 to \$4,000 a year.

Winners were selected by the National Merit Scholarship Corporation from 250 Shell candidates on the basis of test performance in 1991 and on evidence of leadership and citizenship.

United Way offers summer cure

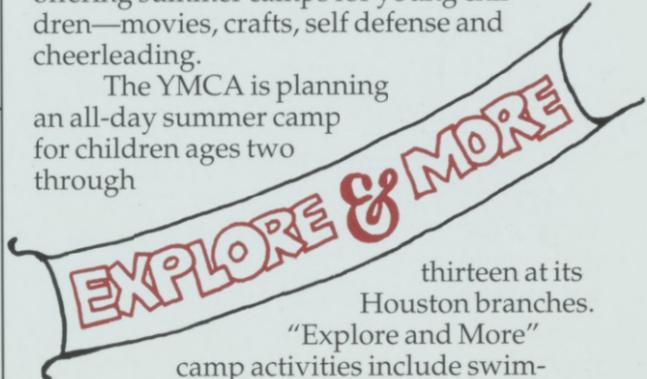
Before you know it, kids will be out of school for summer vacation. That means many working parents will be searching for good, inexpensive youth programs, day care options or summer activities in which to get their children involved for a few hours a week.

United Way may fit the bill. Many United Way-supported agencies will be offering special summer youth programs. All are reasonably priced and many are available on a sliding-fee scale basis.

Summer camps are a popular way for children to spend the summer. Camp offers children the chance to make new friends, learn new skills, develop self-confidence and have fun.

Several Neighborhood Centers are offering summer camps for young children—movies, crafts, self defense and cheerleading.

The YMCA is planning an all-day summer camp for children ages two through



thirteen at its Houston branches. "Explore and More" camp activities include swimming lessons and field trips.

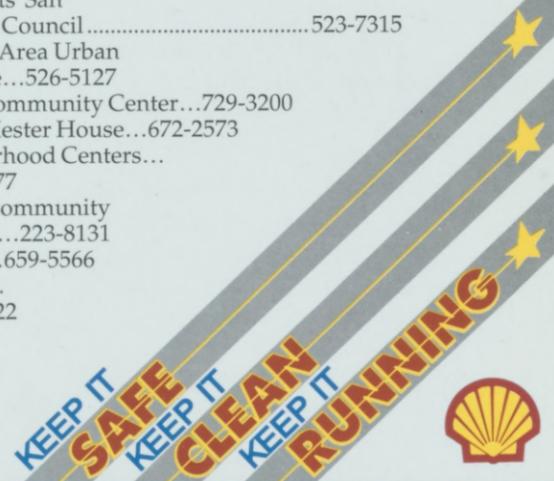
The YMCA offers both resident and day camps this summer. Activities vary for each age group. They include swimming, arts and crafts, archery and hiking. For older youth not interested in all-day activities, Neighborhood Centers offers summer youth employment and job training programs while the YMCA plans summer swimming lessons, baseball, basketball, softball and child care.

Parents of boy scouts will want to talk with troop leaders about week-long camping sessions where kids can go canoeing, study nature, create arts and crafts and water ski.

Wesley Community Center will provide summer lunches for children on subsidized school lunch programs at its 1911 Gano and 10901 Telephone Road locations. All-day child care programs for latch key children are also scheduled to begin the day after school lets out. Enrollment is limited.

Agencies with youth programs

- Boy Scouts Sam Houston Council 659-8111
- Chicano Family Center 923-2316
- Chinese Community Culture Center 561-7200
- Community Partners 222-8788
- Girl Scouts San Jacinto Council 523-7315
- Houston Area Urban League... 526-5127
- Jewish Community Center... 729-3200
- Julia C. Hester House... 672-2573
- Neighborhood Centers... 236-8377
- Wesley Community Center... 223-8131
- YMCA ... 659-5566
- YWCA ... 868-9922





MILESTONES

Service Anniversaries

30 YEARS

V.A. DODSON
Lube Logistics

25 YEARS



PAUL DOWNEY
Dist./Cust. Serv.
(above, Feb.)

20 YEARS

W.M. McCAULEY, JR.
Major Projects
V.M. THOMPSON
Security

15 YEARS

R.V. TIJERINA
Log./Util./Env.

10 YEARS

K.A. WESTBROOK
Eng. Maint./Proj. Svcs.
(January 1993)

DPMC WELCOMES

R.W. HEWITT
HS&E
L.A. SKOGSBERG
Eng./Mtce.

RETIREMENTS

G.W. BAKER
Lube Manufac.
E.S. BARRISH
Eng./Mtce.
R.E. BENNETT
Eng./Mtce.
H.C. BOSTICK
PE/CS/QA
B.J. BOX
A/G Dept.

J.R. CAIN
Major Resins
R.F. CHOATE
Eng./Mtce.
C.M. CLEGHORN
Environmental
F.M. CORDIER
Util. Produc.
G. COSENTINI
Dist./Cust. Serv.
P.F. DAVIS
PE/CS/QA
H.R. DOWNS
PE/CS/QA
H.E. FABIAN
Marine Oprns.
J. FONTENOT
Marine Oprns.
E.D. FOERSTER
Major Resins
L.A. FRAM
Eng./Mtce.
J. FREEMAN
Eng./Mtce.
A.R. GANDY
Eng./Mtce. Plan.
J.M. GREEN
PE/CS/QA
G.N. HEASTY
Util. Produc.
G.W. JESSEN
PE/CS/QA
K.W. JONES
Pyrolysis
C.H. KEEPER
Eng./Mtce.
D.A. KOCUREK
Dist./Cust. Serv.
K.O. LEE
CC/Gas
D.L. LIVELY
E. Dept.
W.E. LONG
PE/CS/QA
R.A. LOZANO
Hydroprocessing

R. MARTINEZ
Eng./Mtce.
R.J. MUNSCH
BPA Manufac.
H.D. MYERS
BPA Flak. & Dist.
J.R. OLIPHANT
HS&E
J.C. PEEBLES
Utilities Sys.
M.F. PESEK
A/G Dept.
A. RIOS
Lube Logistics
L.D. SCARBROUGH
E. Dept.
J.R. SMITH
Eng./Mtce.
K.D. SMITH
Eng./Mtce.
F. SPRINGER
Eng./Mtce.
J.G. STEPHENS
PE/CS/QA
W.P. STRICKLIN
Eng./Mtce.
L.A. SWEETEN
Eng./Mtce.
R.L. TAYLOR
HS&E
B.G. WALKER
Lube Manufac.
J.R. WALKER
Projects/Svcs.
P.W. WIGGIN
Eng./Mtce.
O.L. WILSON
Major Projects
B.F. YARBROUGH
BPA Manufac.
K.A. ZWAHR
Eng./Mtce.

MEMORIAM

W.E. SVOBODA, Central
Maintenance, died April 5 in
Deer Park.

CORRECTION

Don Allan transferred to Westhollow Research Center. He did not retire, as the *Shellegram* incorrectly indicated in the March issue. ■

SCORANOTES

Fishing

Anglers get set for a Saltwater Fishing Tournament throughout the month of June. There's a \$200 cash prize for the largest red fish, largest flounder, and largest speckled trout caught during the month. For SCORA members only; no guests. Entry fee \$10 so watch those bulletin boards for fish weighing locations and call BILLIE DANIEL for more details.

Golf

Gus Wortham Golf Course is the site of a June 27 Golf Tournament. For details call CHARLA BAKER at X6551 (246-6551).

Camping

Assemble your gear for a July 4 Camping Trip at Port Lavaca Lighthouse Park, July 2-5. \$10.50 for reservations. 20 sites available.

Crawfish boil

Attention crawfish lovers: Be at the Rotary Pavilion, 14350 Wallisville Rd, North Shore (a new location this time) on July 17 for a mouthwatering crawfish boil extravaganza. \$6 members, \$10 non-members, \$3 for children 10 yrs and under. No tickets will be sold at door. Go to SCORA ticket window at North Admin Room 158. Retirees contact BILLIE DANIEL at 246-6684 for tickets. ■

Letters to the Editor

Retirement party a highlight

The retirement party that the Health & Safety Department gave me was one of the highlights of my career at Shell Deer Park. My wife Patricia and I appreciated this very much. A special thanks to the people who put the program together. It was great to see members of the Emergency Response Teams there as well as all the other guests and my co-workers. We will continue to reside in La Porte and hope to stay abreast of the activities at DPMC. Again, thanks. The 40+ years were great. Hope to visit you at times and that you'll come by and see us.

JACK & PATRICIA OLIPHANT ■



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Editor
Alayne Merenstein



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