

# Shellegram

91:3

DEER PARK MANUFACTURING COMPLEX

*Exceedances reduced 25 percent*

## DPMC's 1990 environmental performance reflects big improvements

**M**any departments at the Complex increased the amount of time and money spent on environmental issues in 1990, and the results showed big improvements for DPMC over previous years.

The Complex was able to reduce by 25 percent over 1989 the number of times it exceeded federal and state environmental permit limits—the best ever annual performance.

Some of the activities contributing to these improvements were the installation of the new cyclones at the Cat Cracker resulting in reduced opacity problems, and corrective actions taken by many departments to keep contamination out of the storm water outfalls that discharge directly to the Ship Channel, according to JACK SOWLE, Environmental Compliance.

Sowle says another way to look at 1990 is that the Complex was in compliance with all permits 99.9 percent of the time. "That's quite an accomplishment when you consider we typically discharge about 9,000 gallons per minute of treated water to the channel, operate 8 storm water outfalls, and have air permits to adhere to."

Chemical's "Loss Point Analysis Program," which involves employees at all levels in the identification of wastes, installation of controls, limits setting, monitoring and reporting progress, was also a contributing factor. Sowle says it led to a 20 percent reduction in chemicals being sent to the south treaters last year.

"Also, the lower generation/better segregation of hazardous solid waste throughout the Complex even resulted in a delay of having to start use of a brand-new \$4 million landfill, as the other almost-full landfill filled more slowly than anyone expected," says Sowle.

Other noteworthy events in 1990 included the closing of one of DPMC's two deep waste disposal wells. Instead, the Complex is detoxifying the material by biotreating before discharging to the Ship Channel.

DPMC also conducted a thorough study of air emissions throughout the Complex to better understand voluntary reduction opportunities. "For example," says Sowle, "projects were developed to reduce butadiene losses in Olefins, emissions from the MEK filters in Lubes, and more stringent fugitive emissions leak testing of valves and pumps in some areas."

In addition, a number of environmental audits were conducted, some in conjunction with the Environmental Awareness and Training Program (EATP), that have been

implemented in 10 operating departments. "Others were more focused, like the drum audit—turning up more than 600 drums—and requiring disposal," says Sowle.

A new Spill Prevention, Control, and Countermeasure (SPCC) training package was also implemented late in the year, and a full-time fugitive emissions coordinator position was created to help improve understanding of and compliance with these regulations.

"It won't get any easier, as tougher laws and regulations continue to be passed, such as the Clean Air Act," cautions Sowle. "Also,

although we're in compliance with all our permits 99.9 percent of the time, the public expects 100 percent."

"Everyone needs to keep looking for ways to reduce air emissions and the generation of wastes, to recycle where we can, and to be sure that those wastes that are left go to the proper places for safe disposal," continues Sowle. "Let's all work together to make DPMC an even cleaner place to work and live close to."

"And we need to make continuous progress towards that goal," adds MIKE DOSSEY, Facilities Support.



MAC ON QUALITY—Jim McIngvale, Houston's famed furniture dealer "Mattress Mac," emphasizes a point about quality during Quality Awareness Day, an annual event of the Project Engineering/Engineering Support Department. See story on page 3.

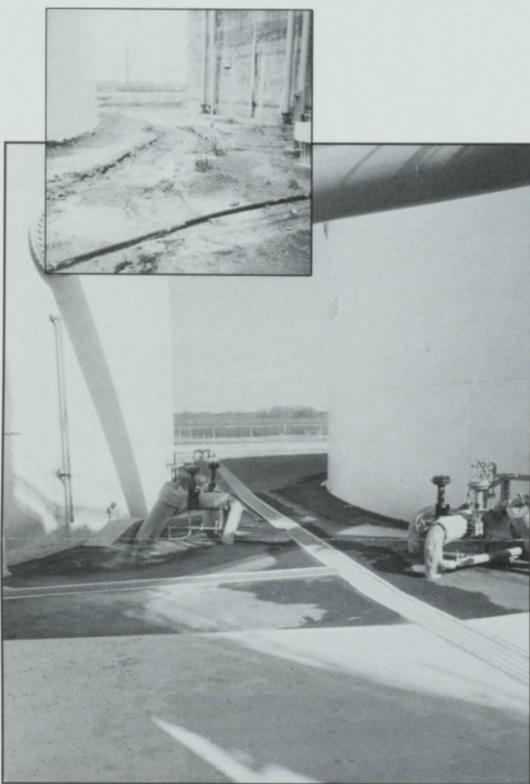


## Surface Water Clarifier area benefits from drainage/paving project

By Daniel Edwards, Utilities Systems

**EDITOR'S NOTE:** DANIEL EDWARDS, ETSO, Utility Systems, offers this special report detailing the improved safety conditions surrounding the Surface Water Clarifier area.

The original drainage system at the Surface Water Clarifier (SWC) site has seen a gradual deterioration through the years, both functionally and aesthetically. It has reached the point where most recently the working conditions on the ground level around these tanks were identified as a problem.



**CLARIFICATION**—Utility's new paving and drainage system at the Surface Water Clarifier area makes for safer work conditions. Pictured is a view from the center of two clarifiers. Compare it with a similar view (inset) before the project.

The primary reason for this was a lack of sufficient drainage on top of an already inherently wet area. The large quantities of water treated here, in conjunction with natural rainfall and earthen surroundings, created a perfect recipe to have plenty of mud and potential slipping hazards all the time. Upon receiving safety suggestions for the slippery area, a project was implemented which eventually rectified the safety hazards and provided a much-improved work environment.

The new grading, paving and drainage project was under construction from May through November 1990, and the working conditions have since changed drastically for the better. In a nutshell, the project provided proper elevations, paving and a drainage system which removed all stagnant water and aqueous sludge from blowdown and sampling lines, thereby alleviating the possibility of mud and slick conditions in the area.

Additionally, all the rainwater and overflowed treated water is now captured and channeled into a backwash basin, where it can be reprocessed and utilized 100 percent. Normal storm water used to end up in the ditch west of the dock road and then flow into the Shell Big Ditch, which ultimately becomes the Complex outfall R-008.

The Surface Water Clarifier was built in 1975 and is physically located on the far west side of DPMC along the Dock Road. The clarification

plant consists of four reactivators, four filters, one clearwell, one filter backwash basin, and four sludge settling ponds. Raw water from the Trinity River is supplied to Shell by the Coastal Industrial Water Authority and then is clarified and lime-softened at the SWC.

The four clarifiers and filters are utilized to improve the quality of the water which is used in demineralizers and cooling towers. These units remove the suspended solids, organic materials and color from the raw water. The facility is capable of producing approximately 40 million gallons per day of treated water. The primary treatment chemicals utilized are lime, ferric polymer solution, chlorine, polyelectrolyte, and sulfuric acid.

Former Utility Systems Field Team Manager ADAM LECOMPTE commented on the main factor motivating the project, namely safety. Several Accident Prevention Reports (APRs) were submitted for reasons directly related to the muddy conditions.

According to Lecompte, "At that time approximately 80 percent of the Safety incidents for Utility Systems occurred at the Surface Water Clarifier."

An operator at the SWC, E.E. ROGERS, made mention that "there was always water standing on the road and in between all the clarifier tanks, which would make working in that area a true hazard."

During the construction, Rogers said he had a lot of doubts whether or not the new system would be able to handle all the water flow in that area. Now that the project is complete, he added, "It really surprised me. It is doing a real good job draining the area now."

As an ETSO, I was responsible for the coordination and construction of the project. As a

newly hired Engineer, this was one of my first projects. From lack of experience, I was not sure if I was doing the right things to make the area better. Now, however, I am very proud of the aesthetically appealing and functional project that was completed. This is definitely a 100 percent improvement to the working conditions in that area.

The contractor responsible for the construction was Derk Harmsen Construction Company, Inc. of Deer Park. It is very important to Shell that they did all the work with a tremendous amount of pride, credibility, low project cost and that no incidents or accidents occurred during their course of construction at DPMC.

TONY MAGGIORE, the new Field Team Manager for Utility Systems, "cannot believe the difference in the attitude of the operators at the SWC. It's such a tremendous improvement in the safety of the area for everyday tasks."

Once the construction transpired, a cooperative effort by TSO Process Engineer LORI LOWERY and the clarifier operators resulted in the concept of an additional drainage system for the lime slaker building.

The implementation of the additional drainage system was motivated by operators' safety suggestions for that area. Supervisor of Operations and Maintenance for the area, BILLY COLLINS, commented, "At one time, people were walking on wooden pallets to keep out of the mud, but these eventually got wet and slick, too."

Collins added, "The diking and drainage near the lime slaker building has resolved any kind of a potential environmental impact now that the lime truck loading dust is contained and channeled to the backwash basin for further processing."

## HSIP PHASE II BOX SCORES

### MONTH OF JANUARY 1991

Audits .....	373
APRs/Suggestions .....	745
Drills .....	168
% Participation .....	67.2

### OSHA RECORDABLES YEAR THROUGH FEBRUARY 11, 1991

Total Complex	DPMC Personnel
Frequency ..... 1.6	Frequency ..... 1.4
Recordables ..... 8	Recordables ..... 4
Lost Time ..... 1	Lost Time ..... 1

### TOP TEN SAFETY PARTICIPATION NOVEMBER 1990 - JANUARY 1991

#### \*Category 1

Process Engineering—Utilities  
Logistics Administration  
Environmental Engineering Tech. Team  
Environmental—Shift 1  
Product Analysis/Economics & Scheduling  
Computer Services  
Distribution/ Customer Services  
Environmental—Shift 3  
LPA Engineering/ Technical  
Turnaround Planning

#### \*Category 2

Olefins Maintenance  
Medical/ Health & Safety  
Control Systems  
Lube Logistics  
West Fuels  
East Fuels  
BDHTI  
Paint/Pipefitter/ Instruments  
Pyrolysis III  
LPA Maintenance/ Engineering

\*Category 1: groups w/30 or less members; Category 2: groups w/31 or more members





MAC AND ENGINEERING—In attendance at Quality Awareness Day are (from left) Ed Mullery, Project Engineering; George Anderson, Engineering Superintendent; Paul Goodine, Project Engineering/Engineering Support; Jim "Mattress Mac" McIngvale; and Mike Dossey, Facilities Support superintendent.

## Mattress Mac talks to engineers about quality

**J**IM "Mattress Mac" MCINGVALE kept an audience of Project Engineering/Engineering Support Department personnel both rolling in laughter and seriously attentive to his message during the department's third annual Quality Awareness Day January 30.

"Mac," as the Gallery Furniture owner likes to be called, related the story of his climb from a low-paying Dallas convenience store clerk whose supervisor "changed his attitude" by firing him, to a successful Houston businessman. His furniture store now has annual gross sales of \$40 million.

McIngvale related how persistence and determination won him a wife who initially balked at moving to Houston, and also persuaded her to go into business with him. "How

else would someone work for free?" jokes McIngvale, who explained that these same traits got him through tough economic times.

McIngvale espoused his belief in the Quality Process, noting that his customers and employees are his two most important assets. He described how "doing it right the first time" allowed him to reduce his "service/rework" staff from 25 people to 3.

The group also lunched and played DPMC Jeopardy, a game generated by Harvard Graphics screenshows.

The Project Engineering/Engineering Support's Quality Awareness Committee hosted the event. Planners were LINDA DE RICK, DANNY BULOVAS, MARY STOKES, TRACI OVERMYER, ED MULLERY, and ELLA MAE YOUNG.



WE LIVE HERE TOO—DPMC Environmental Supervisors (from left) John Schubert, Ken Springer, (4th & 5th left) Ann Harris, and Herb Miller line up with their watercolor portraits and Houston artist Sam Caldwell (center), who drew them, during a luncheon held to celebrate the Environmental Ad Series. The ads, which featured the employees and their illustrations, ran in local community newspapers as reminders that Shell Deer Park employees work hard at keeping the environment clean. Environmental Supervisor Larry Riley is not pictured.

## Shell Deer Park Lubricants first in performance for 1990

**D**PMC's Lubricants Business Area received the Lubricants Location Recognition Award for best performance in 1990 among Shell's seven lubricants manufacturing and distribution locations. The award was presented recently at the Lubricants General Sales Meeting. The Lubricants area includes Lube Manufacturing and Lube Logistics operating departments.

The award was based on these seven performance categories: Health & Safety, Environmental, Quality Improvement, Operating Plan, Reliability, Cost Performance, and Productivity Improvement. DPMC Lubricants received stars in six of the seven categories.

In Health & Safety, Lube Manufacturing achieved a year without an OSHA Recordable injury on July 30, and finished 1990 with 520 days without an OSHA Recordable. The Lubricants area had an OSHA rate of 0.7 in 1990. Lube Logistics improved in individual safety participation from 50 percent to 100 percent. The department was also awarded "Top Ten" at DPMC in participation (among 40 of the large work groups). Environmental highlights include zero outfall exceedances in 15 months. Another accomplishment was a 50 percent reduction in environmental incidents.

Lubricants achieved 14 consecutive months of zero waivers in June, and finished 1990 with only one waiver for the year, compared to 23 in 1989. They also met changing customer requirements with improvements in volatility and Viscosity Index on the HVI Base Stocks.

Lube Manufacturing and Lube Logistics achieved the reliability status of no overdue items for pressure equipment and mechanical equipment inspection, and a record production year in MVI Base Stocks.

"Our focus in 1991 will be to build on our safety and environmental performance, expanding into the areas of Process Hazards Management, and to make progress in quality, while putting more effort into reliability and cost performance," says MIKE RUDNICKI, LPA superintendent. "Our guide will be the Lubricants Business Critical Success Factors and the Standards for Manufacturing Excellence."

## New trademark brochure illustrates proper uses



A revised brochure illustrating proper uses of the Shell Oil trademark is now available.

The brochure, which updates the 1987 version, contains additional information and shows how the pecten is misused and how it should be used.

Misuses of the Shell trademark come from all quarters in the company, including safety groups and activity clubs.

Although inadvertent, misuse can lead to Shell losing its unique symbol which could confuse the use of the image and open the way for encroachment by others of the name.

The brochure also shows how the pecten can be used on stationery and with other Shell trademarks.

Copies may be obtained from the Community Relations Department, X6-6247.



## Part Two: BAs look ahead

# DPMC sets goals for 1991

**EDITOR'S NOTE:** As tradition dictates, the New Year is a time for a discussion of yearly goals. This year, the Shellegram welcomes responses from Complex administrators and Business Area (BA) superintendents on the subjects of goal-setting, health, safety, environment, challenges, the Quality Process, cost management, and their perspective on other important 1991 issues. This is part two of a two-part series.

### MIKE RUDNICKI, LPA

#### LPA goal-setting:

The first step of the 1991 goals process in LPA was a review by the LPA Management Team of the objective areas for setting goals—health and safety, environmental, reliability, customer satisfaction, standards for manufacturing excellence, cost management and human resources.

Throughout the goals process as well as throughout 1991 the emphasis will be on making continuous improvement, involvement of all our people, and the use of the tools of the Quality Improvement Process to make progress.

#### Major challenges:

The major challenge for us in LPA in 1991 is the integration of all the demands into a consistent message of striving for excellence in the fundamentals of manufacturing (keep it safe, keep it clean, keep it running) while meeting and exceeding the needs of ("delighting") our customers.

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### J.D. JOHNSON, Chemical:

#### Changes:

DPMC Chemical is not planning any major changes in the way we do our business in 1991. Our concentration for a number of years has been focused on the basics of continuous improvement... continuous improvement in safety, environmental, unit reliability, cost management and customer satisfaction. Our dedication to the Quality Improvement Process (QIP) as the vehicle for this continuous improvement is unswerving. Only by working together in application of QIP can we accomplish our goals for a better, safer, more enjoyable, productive work environment.

#### Quality Improvement Process:

We in DPMC Chemical remain totally

dedicated to the pursuit of the Quality Improvement Process. Very simply, commitment to and implementation of the quality principles are the keys to our future success.

#### Important issues:

The downturn in the economy and its resultant impact on funding and resources both within Shell and with our customers may constrain our ability for progress in 1991. This could create frustration...with operators, craftsmen, foremen and office staff throughout the organization.

Prioritization within resources limits may, with greater frequency, dictate strategies or create workload that, left to our own devices, we would not choose.

The key to moving through the period will be to control rate of progress... without compromising principles of the Quality Improvement Process. We must, to be successful in the Chemical Business, continue to strive for continuous improvement, customer satisfaction, establishment of and adherence to requirements, root cause problem elimination, delegation with accountability... the basic precepts of QIP.

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### JOHN GRIFFITHS, Fuels

#### Health and safety:

Fuels enters 1991 with a strong, positive sense of accomplishment in 1990. The effort and skill of Fuels personnel made 1990 the best and safest year yet achieved. Our key BA goal will be to continue toward "world class" performance in health and safety. Areas of activity in H&S will be:

- The key to our performance has been and will be the skill, awareness and effort of all Fuels individuals. We will continue to work to increase participation of all BA individuals in getting our work done safely.

- We will continue to build on the things which have been successful; our structured safety programs, JSAs, S&O reviews, procedures, compliance to proper practice and many others.

#### Environmental:

We face many challenges. Activity in 1991 will be targeted to improve our position in the short term consistent with long-range objectives.

- We will work to improve our understanding and control of streams to effluent systems.

- We plan an effort to improve our fugitive emission program. This will aid us in meeting the new, tighter regulations, and strengthen our existing program.

- We will undertake the development of environmental awareness and training programs in several Fuels departments, and plan further efforts beyond 1991.

#### On process unit and system reliability:

This will continue to be an important objective for Fuels. Our goal continues to be to operate and maintain these systems to achieve the business objectives for production without unscheduled outages. Achieving the best from our units and systems is a critical foundation for all our efforts.

#### Cost management and resource utilization:

These areas have been very tough and frustrating in Fuels. The year 1991 will bring no change. We will be faced with attaining difficult STOP targets, and many requirements to meet. At times, prioritizing within these constraints will force choices which will not be very satisfying. A key challenge for 1991 will be to conduct turnarounds at or less than budget and downtime targets. ■

## Shell announces Carrier of the Year for Complex

Mission Petroleum Carriers has been selected the Shell Oil Company Carrier Achievement Program 1990 "Carrier of the Year" for DPMC.

Shell based the selection of Mission on these criteria: equipment, service, personnel, safety, Quality Process, self-evaluation, training and proactiveness, according to LEE KUNKEL, Customer Service, LPA. ■

## Letters to the Editor

### Thank you for sympathy

The family of J.C. "Chief" RANTON wishes to thank Shell Oil Company DPMC, the Control Systems Department and all of our friends at Shell Oil Company for their love and heartfelt sympathy in our hours of need.

Mrs. J.C. Ranton and family

### You make my day

To all my friends at Shell who gave me such a wonderful send-off party, thank you. You really know how to make my day and the memories will always be cherished.

Herb Ely

### Enjoys Vitality

Monthly I receive the Vitality magazine. Not only do I thoroughly enjoy reading it, the contents are practical and informative. The suggested "tips" on environmental improvement as well as personal health fitness are easily applied to modify my family's lifestyle.

In the recent Shellegram you printed the names of the S.A.F.E. Team members. A very special "thank you" goes to the team for providing the employees of Shell with the Vitality. Keep up the good work. Your efforts are working!

Donna Cashion ■



## Volunteer sees many unfortunates

If you were to ask PAM MANLEY, RDO, what she does for fun, chances are, she'll tell you volunteer work. A typical week for Manley, away from the office, has her teaching people in the local literacy program how to read or performing clerical duties at a Port of Houston recreation center.



Pam Manley

"The volunteer opportunities are out there for people who want them," says Manley, who regularly searches the newspapers and Shell bulletins for other organizations asking for help. She has played with abused children at the halfway house Casa de Esperanza, visited with elderly confined to bed, and adopted a family at Christmas who had no money for giftgiving in addition to her work with Project Literacy and the Seaman's Center in La Porte. Manley is also an active member of SERVE (Shell Employees & Retirees Volunteerism Effort) and is on the SERVE Committee at Shell Deer Park.

Manley was drawn to volunteer work initially, not so much for herself, but for her son. She started him out as a buddy in the Spina Bifida program, playing with children confined to wheelchairs. He was 10 years old. A few years later he was a summer camp counselor for these handicapped children. Manley would also take him with her on her trips to visit the elderly. Later he rode in ambulances and was a Red Cross volunteer.

"Some of us don't know how good we have it. I guess that's what I was trying to teach my son."

This past Christmas, Manley's family and her sister's family and friend's children agreed to give up Christmas presents and buy gifts for a needy family instead.

Manley's father, who volunteers regularly at the Seaman's Center, was likewise encouraged. A Shell retiree, he now spends several days a week at the center, meeting and helping arrivals from all over the world.

"There are so many people that are so much more unfortunate than we are, that need our help," says Manley.

## CLASSIFIEDS

FOR SALE: Deer Park 3-2-2 home. Quiet neighborhood. Many extras. FHA assumable loan. Contact KENNEY MOORE, 930-1803 or X6-7366 (246-7366).

FOR SALE: Country Place North of Centerville, TX. 30 ac. creek & fenced. '85 14X80 mobile home. Deep H2O well. Sheds etc. \$48,500. Contact NICK WOLFE, 360-1852 or X6-6065 (246-6065).

FOR SALE: 1987 VF-700 Magna Honda motorcycle. One owner. Garage and cover kept. Let's talk price and extras. \$2500. Contact NICK WOLFE, 360-1852 or X6-6065 (246-6065).

FOR SALE: 1960 Fiberglass Bay Boat, Trailer, 1972 Evinrude 65 HP. Few hours on motor. Will demonstrate. Contact E.S. EBELT, 479-1357.



## Shell Moments in History



by Maurine Bishop, retiree

*These items were making news in the March 1943 issue of The Shellegram, the employee newsletter of the Houston Refinery:*

- Plant employees were going all out to support the war effort.
- 90 percent of employees were buying War Bonds
- The organization of the War Production Drive Committee was under way. Its purpose: "to bring home to labor and management alike the supreme importance of war production."
- Mrs. GEORGE MARQUETTE, wife of a refinery carpenter foreman, collected 80,000

pounds of scrap metal to be used in making ammunition.

—The Plant Rationing Board made supplementary gasoline available to those attending Federal Government War Training courses..

—Miss ELIZABETH HECHLER, nurse, was the first woman in the Houston Refinery to enter the armed services.

• With a frequency rate of 3.4 disabling injuries per million man hours worked, the Houston Refinery was awarded the Vice President's Safety Trophy presented by J.F.M. TAYLOR for the last half of 1942.

## SCORANOTES

### Softball

Softball season begins March 20. All managers are asked to turn in rosters to Smokey as soon as possible. Watch for flyers for the deadline. Rosters will determine how many teams will be playing this year. If a team doesn't bring their roster, SCORA will assume they are not playing.

### Egg hunt

The Easter Egg Hunt is scheduled for March 23 at Bayou Bend Park, Deer Park. Free

to members. \$2 to guests. Time: 10 a.m. sharp!

### Let's skate

Tuesday March 26 is the date of the Skating Party at Sports Page, Deer Park. Free to members. \$2 for guests.

### Golf by the stars

Watch for details in March on the Nite Lite Golf Tournament. Come play with us. Balls and pins glow in the dark!

### Tentative 1991 Activities



- March 20 Softball League begins
- March 23 Easter Egg Hunt 10 a.m. SHARP
- March 26 Skating Party (\$2 guests)
- March\* Nite Lite Golf Tourney



- April 27 Camping (Livingston) (Fish/Burgers)
- April\* Spring Dance

- May 4 Bingo Bus Trip to Louisiana



- May 18 Salt Water Fishing Tournament

- May 25 Camping (Crockett Family Resort)



- June 1 Shrimp/Crawfish Boil (Lenox Ranch)

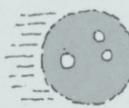
- June 4 Skating Party

- June 14 Camping (New Braunfels) (BBQ served)



- July 5 Camping (Galveston) (Fish & burgers)

- July\* Volleyball Season #2



- September 21 SCORA Picnic
- September\* Bowling League begins

- September 26 Ten & Over Party



- October 12 Camping (Wolf Creek) (BBQ served)
- October 19 Fishing Tournament
- October 26 Children's Halloween Party

- November\* Bingo Bus Trip to Louisiana



- December 14 Children's Christmas Party
- December 20 Christmas Dance

Questions/Reservations?  
Call SCORA's Hotline, X6-6975 (246-6975).

\*To Be Announced

## CORRECTIONS

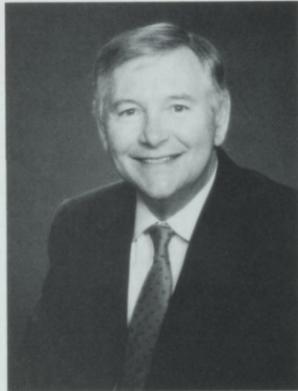
A S.A.F.E. Teams article in the February issue of the *Shellegram* misspelled the names of three members. R.T. ABBLEBY should have been listed as R.T. APPLEBY, G.A. PARSONS should have been listed as G.A. PERSONS, and W.B. AUSTON should have been listed as W. B. AUSTIN. Also, the Procedures Team members list was inadvertently combined with the Emergency Response Team members list. Appleby, Engr.; and Persons, Cent. Maint.; along with R.A. WALSH, Ol.; J.L. MATTOX, A/G; T.L. ZARNICK, Log.; R.E. CERVI, Log.; and J.R. PRIGMORE, BPA-4; are the new members of the Procedures Team.



# MILESTONES

## Service Anniversaries

### 40 YEARS



W.D. KROUSE  
Project Engrg.  
(above, Dec., 1990)

### 25 YEARS

P.A. BEZDEK  
Central Maint.  
R.M. PETRI  
Fin./Auditing

### 20 YEARS

L.Q. BLACK, JR.  
Boilermaker  
O.F. GIBSON, JR.  
Material Control  
B.M. GRENWELGE, JR.  
Olefins/Machinist  
F.D. LASKIE  
Chemical Maint.  
V.C. MACIEL  
Chem. Oprns. Maint.  
F.F. RANGEL  
Chem. Oprns. Maint.  
M.A. REDDING  
Training  
J.W. SMITH  
BPA-4

### 15 YEARS

B.R. BREWER  
LPA Oprns.  
L.E. CLARK  
Instruments  
D.S. HENDRICK  
Pyrolysis  
W.J. HOLMES  
Chemical E  
R.E. JIMENEZ  
Automotive  
H.L. KENNEDY  
Engrg./Sys. Supp.  
M.J. KRIEGEL  
Chemical E  
L.D. LAMPERT  
Chemical Oprns.  
J.L. MATTOX  
ECH/IPA/Deriv.  
J.A. MORALES  
Alky/Therm. Crkg.

D.J. PINGER  
Pipefitter  
F. SAENZ  
BPA-4  
L.O. SECREASE  
Dispatching  
J.E. SHEA  
Security  
G.J. SOSNIK  
Central Maint.  
R. TAFOLLA  
ECH/IPA/Deriv.  
J.F. WEBBER  
Log./Env./Util.  
G.R. WILLIAMS  
Phenol Acetone

### 10 YEARS

R.L. MORRISON  
North Lab  
V.J. STREAMS  
North Lab  
J.T. TERRELL  
North Lab

### DPMC WELCOMES

R.J. ARNOLD  
General Help  
J.D. BRINKLEY  
Central Maint.  
B.W. BROWN  
General Help  
M.S. CHISHOLM  
PE/Resins  
R.P. CLAMPIT  
General Help  
D.R. COBURN, JR.  
General Help  
L.A. COLE  
General Help  
I.P. DWYER  
Logistics  
R.L. GARCIA  
General Help  
W.G. GREEN  
General Help  
S.B. GUIDRY  
General Help  
O.L. HARRIS, JR.  
General Help  
Q.E. HOPKINS  
General Help  
M.R. HUDSON  
General Help  
D.W. JOSEPH  
General Help  
M.O. JUNOT  
General Help  
C.L. KING  
General Help  
R.C. KORB  
General Help  
T.M. LAVIN  
Financial  
R.E. LUNSFORD  
General Help  
J.J. MALONE  
Aromatics

P.A. MCKINNIES  
General Help  
J.J. MOLL  
Control Systems  
T.R. MUELLER  
PE/Olefins  
M.L. PATTERSON  
Employee Relations  
M. QUINTANILLA, JR.  
General Help  
L.E. RAUDER  
General Help  
E.J. REGUERA  
Econ. & Sched.  
R.E. RENNER  
General Help  
D.M. REYES  
General Help  
S.W. REYNOLDS  
Central Maint.  
S.L. RUNGE  
General Help  
M. SOMERFIELD  
Central Maint.  
D.L. TACKETT  
Indus. Hygiene  
D. TETEFYFIO  
General Help  
O.P. TUDYK  
General Help  
D.R. VOSS  
General Help  
G.J. WALKER  
Financial  
A.L. WORTHAM, JR.  
General Help

### RETIREMENTS



E.E. MECHURA  
Purchasing  
(above, Aug., 1990)

### MEMORIAM

HERBERT JONES, retiree, died  
February 4 in Houston.

PETE HIGHNOTE, retiree, died  
January 30 in Houston.

## Patterson replaces Lyall as Employee Relations Manager

**D**PMC welcomes LEE PATTERSON, who replaces the retiring RON LYALL as Employee Relations Manager.



Lee Patterson

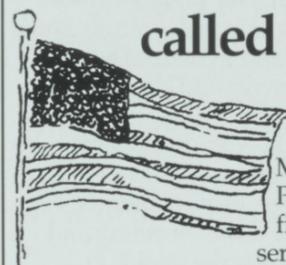
Patterson comes full circle with his new assignment at Shell Deer Park. He began his Shell employment here as Supervisor Personnel Services in the Employee Relations Department in 1982. He transferred to Head Office Employee Relations/Industrial Relations in 1983, and a year later to Products Employee Relations/Chemical. In 1986

Patterson transferred to Shell Offshore Inc., a subsidiary of Shell Oil Company, in New Orleans, where he assumed the post of Manager Employee Relations/Production and Land. Two years later, he was back at Head Office as a Senior Staff Planning Specialist in Corporate Planning, and in 1989 became Manager Employee Relations/Chemical, before coming back to Shell Deer Park.

"I am pleased to be back at Deer Park and am looking forward to renewing old friendships and making new ones," says Patterson. "It is gratifying to see the progress employees at Deer Park have made over the years, particularly in the area of safety. I am looking forward to being part of the continuous improvement process as we identify and address the issues of the 90s and beyond."

Patterson is a graduate of Washington & Jefferson College, in Washington, Pennsylvania, where he received a B.A. degree in Economics. He and his family reside in Houston. ■

## Shell engineer called to serve



MICHAEL HUCKMAN, Process Engineering/Refining, a Marine Corps reservist, was recently called to

active duty, joining fellow U.S. servicemen and servicewomen in the Persian Gulf War.

A member of the First Battalion of the 23rd Marines, Fourth Marine Division, Huckman was stationed at Camp Lejeune for desert training since being called on January 22. He was recently sent to Saudi Arabia.

Besides Huckman, approximately 13 other Shell Deer Park employees are currently in reserve units in the armed forces. None except Huckman have been called to active duty. ■



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