

Shellegram

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DEER PARK MANUFACTURING COMPLEX

Two-time environmental award recipients share day of festivities

Environmental Excellence Day honors DPMC employees

DPMC employees, Shell executives and local dignitaries and celebrities turned out April 17 for Environmental Excellence Day. It was a day of celebration over an achievement belonging to everyone at the Complex: winning the 1988 Products Award for Environmental Excellence.

The award, given by the Shell Products Organization, recognized DPMC as the company's highest environmental performer last year for a Complex. It is an achievement the Complex has attained for a history-making second consecutive time.

Congratulatory messages by company officials, dignitaries and celebrities accompanied Mexican fare and music in celebration of the accomplishments of 2400 employees.

DPMC and Head Office executives, and Houston sports figures made presentations over festive luncheons of fajitas on both the North and South sides of the Complex. Deer Park High School bands provided music before and after the speeches. Employees looked pleased and proud to be the honored guests of the gala event.

CHUCK WILSON, executive vice president of Products, spoke to the crowd and presented a picture of the trophy to the Complex. Other Head Office officials who also delivered congratulatory messages were: STEVE MILLER, vice president of Refining and Marketing (Eastern Region); RAY LOPEZ, vice president of Manufacturing and Technical; JIM MORGAN, general manager of Refining and Marketing; BILL CARPENTER, general manager of Manufacturing; and MIKE GRASLEY, general manager of Chemicals, Polymers & Catalysts. Also on hand with kudos were WARREN MOON, Houston Oilers quarterback and CALVIN MURPHY, Houston Rockets assistant coach.

Accepting the award on behalf of the
(See 'Environmental Excellence Day' on Page 2)



THE FACES OF ENVIRONMENTAL EXCELLENCE DAY — From left: Warren Moon, Houston Oilers quarterback; Hank Bettencourt, Complex manager, at podium; Chuck Wilson, executive vice president of Products; and Calvin Murphy, Houston Rockets assistant coach. Turn to pages 4 & 5 for more about Environmental Excellence Day.

Major customer gives thumbs up

Lubes receives good scores in outside quality audit

The quality process is alive and well on all levels of the Lube Department. That's the verbal consensus of an intensive quality audit conducted at DPMC recently by one of Lube's major customers.

The informal findings came after a lengthy written questionnaire which was followed at a later date by a full day of discussions between Lube employees and employees from Ethyl, a St. Louis-based manufacturer of lubricant additives. The written report, which is expected to echo the verbal findings, is pending.

"They were pleasantly surprised," says BILL LUCAS, Lube Logistics Supervisor of Customer Service, "because industry-wide there is a notional thought that refineries are

not participating in the quality process. They did not find that at Shell."

"Not only did they find we were well into the process, that our training was quite adequate, but that we had a very good future plan between the investment in the new Lube Consolidated Control Room, computerization and the adoption of the entire quality process," says Lucas. "The attitude is that it (the quality process) is not a program. It has really gotten into the system, not just the upper levels. Everybody has it on their minds positively and it's working."

Lucas went on to say, "What needs to be kept in mind is that, while Ethyl saw that we were going in the right direction, there is a long road ahead for Shell before the process is fully implemented."

Lucas also reports that Ethyl was im-
(See 'Lubes outside quality audit' on Page 2)



Environmental Excellence Day

(Continued from Page 1)

2400 DPMC employees were Complex Manager HANK BETTENCOURT and Complex Superintendent JIM NIERMAN.

Many others participated in the day's events to acknowledge a job well done. Deer Park's Mayor JIMMY BURKE and other community leaders and administrators from Deer Park City Council, School Board and Chamber of Commerce attended a special Community Leader Luncheon.

Those extending written congratulations and proclamations were: Deer Park Mayor Jimmy Burke and City Council members, La Porte Mayor NORMAN MALONE, Houston Mayor KATHY WHITMIRE, Galveston Mayor JANICE COGGESHALL, State Senator CHET BROOKS, State Representative MIKE JACKSON, U.S. Representative MIKE ANDREWS, U.S. SENATOR PHIL GRAMM, and Governor BILL CLEMENTS.

Moon and Murphy delivered spirited speeches to crowds who seemed delighted to be compared to sports heroes.

Like the Oilers, DPMC "is the best of the best," said Moon. He said the Oilers' goal is to do as well as Deer Park has done. Moon, who made a repeat appearance at the Complex this year, told the crowd he came back to make good on his promise to return when the

BA Unit achieves record production

The Butyl Alcohol Unit of the Chemical Plant's E Department established an annual production record in 1988, and a monthly record in March of 1989. These records apply to the period since the 1982 shutdown of the HBAX auxiliary unit.

Eclipsing its previous record by almost 500,000 pounds, the feat was "far from a fluke," according to JON STOKES, Process Engineering, Solvents. The unit set a record in both 1987 and 1988, and monthly production is consistently reaching record levels.

"The market for BA Unit products has greatly improved in the last four years," says TIM ENGLISH, field team manager. "Historically, the unit's reliability has been low. So, in 1986, the BA Operability Team was established to develop a plan to lower costs and increase production through reliability improvements. The improvements have come about through a team effort of BA personnel."

Specific areas of reliability improvement are already evident. The stream factor of the feed gas has improved steadily over the past several months with downtime cut in half over the last quarter. Also, mechanical reliability of the feed and recycle compressors has seen marked improvement with the average downtime hours dropping 40 percent since the beginning of 1988.

While production figures were rising, the unit also showed a significant drop in off-spec production. Compared to 1987, off-spec production dropped 40 percent in 1988, and over 92 percent in the last two quarters. According to Stokes, this improvement is the result of quality techniques such as Statistical Process Control (SPC).

"SPC has helped to detect and diagnose problems before they have caused finished product problems," Stokes says. The unit's goal is the elimination of off-spec production completely. ■

Complex won the award again.

Said Murphy, "I want to be remembered for being excellent, for being excellent at free throws. And I'm sure you feel the same way about the environment."

In a challenging message, Murphy went on to say, "It's going to take each and every one of us to look at what we've done in the past and see how we can improve upon it and go forth and win this award again."

DPMC's 1988 environmental program included projects for reducing and treating waste and programs to encourage environmental awareness and education. Each department was urged to understand specific

environmental requirements, upgrade training procedures and conduct self audits. The environmental program, an excellent performance record, and favorable reviews from regulatory agencies and Shell audit teams were contributory reasons why DPMC again received the top environmental award.

Particularly noteworthy was DPMC's effort in waste management, achieving a marine spill frequency "considerably lower than the Products goal, and a high degree of compliance with air and water permits," wrote Morgan in a congratulatory letter received by Bettencourt earlier this year. See pages 4 and 5 for more about Environmental Day. ■

Lubes outside quality audit

(Continued from Page 1)

pressed with the enthusiasm exhibited by Lube workers. Says Lucas, "Every operator enthusiastically came up to them, brought them to their work station, wanted to show them things, wanted to know what was important to Ethyl and how they saw us."

Ethyl's Quality Assurance Audit is one of the activities the company devised for its top vendors and contingent partners of which Shell is one. As one of Ethyl's top vendors, Shell has been operating recently in a "Strategic Partnership" with them, an arrangement whereby product and other information is shared and dedication to doing business with one another is established.

Because Ethyl is a longstanding customer as well as a supplier to Shell, providing various Shell locations with additives prepared from Shell's base stock oils, "we're key to each other," says Lucas.

Once the Lube Department returned Ethyl's completed 22-page questionnaire filled out by members of DPMC's Lube Department and Head Office personnel, Ethyl's six-person audit team met in March with a core of four people from the Lube Department as well as other on-call individuals. They went over organization, product manufacturing specifics, SPC charts, storage and loading procedures, and laboratory testing, to name a few. That was followed by a working lunch and plant tour — a one-on-one interchange at all levels of the department.

Besides Lucas, DPMC's core audit team consisted of TED COONAN, Lube Manufac-

turing manager; RICK GEIMAN, of Head Office Quality Assurance; and TOM RODGERS, North Lab senior chemist. The participants in answering the preliminary questionnaire were this core team and various other members of OP/Tech and the Lubes Management Team.

The purpose of the audit was to give Ethyl an idea of how the Lube Department was organized, how the department stood with regard to the quality process, and review their entire business.

"What was kind of novel about the audit was that it almost turned into a kind of workshop between ourselves and the customer," says Coonan. "They (Ethyl) are also actively moving their workforce into the quality arena," he added.

Says Lucas, "It was not an upper-level meeting where we're only talking about specifications and how both companies can make money, it was working the nuts and bolts of the relationship too."

Ethyl's audit, the Lube Department's first extensive quality audit by a customer, represents a new way of doing business. "It's a beneficial program for both of us," says Lucas. "Under any quality process, regardless of whose philosophy you adopt within your company, almost all of them have in one form or another the principle that you want to understand your customer's requirements and meet them every time. In the past there hasn't been this type of communication. Quality process is being all of that out, not only with Ethyl, but with other customers." ■

PAU hits a record 56.3 million pounds of phenol in March

A monthly production record of 56.3 million pounds of phenol was set by the Phenol Acetone Plant in March, 1.2 million more than January, the unit's best previous month. Acetone was also produced at a record pace, with March production totaling 34.5 million pounds.

According to MIKE RUDNICKI, LPA superintendent, a 100 percent stream factor with no down days, reliability improvement, attentiveness, keeping the rates up, and paying attention to detail all account for the increase. "There was a lot of good work on the part of the operators, craftsmen, foremen and the entire Phenol support team." ■

Says STEVE CAPPS, field team manager, "I am very proud of the efforts of our people. I made challenges to them when I took over this job last year. I told them I wanted to focus on reliability, running the plant so that it was safe and environmentally sound. They have responded to the challenge in every way, both operations and support people."

"It also helps to continue to have high demand for the products," says Rudnicki, who explains that the phenol demand continues to be heavy domestically, to third-party customers, to Shell International Chemical Company (SICC), and internally at BPA. "And with the demand, the pressure is on to produce the product. Everyone is responding well to making it happen." ■



BPA, Major Resins producing record levels

Editor's Note: This is part two of a two-part series on the record production levels experienced by the BPA and Major Resins departments. Part two is a discussion of the accomplishments of Major Resins' EPON 5 and EPON 6 units.

The BPA and Major Resins units (EPON 5 and EPON 6) all report record production levels for 1988, an effort triggered by increased product demand. Credit goes to dedicated workers who have improved efficiency and made changes in instrumentation and process control.

BPA, as reported in part one of this series, boasts 272 million pounds in 1988, exceeding the previous record of 266 million pounds produced the year before. BPA produces one of the feedstocks for the other two epoxy resin units.

EPON 5, a liquid resin unit, succeeded in topping its production by 16 percent over 1987, producing 153.8 million pounds. The solid resin of EPON 6 totalled 28 million pounds, 700 thousand pounds over the previous record year in 1985.

EPON 5

"A great production record is only part of the story for ERU-5," says SANDI HOGUE, ERU-5 process engineer. 1988 liquid resin production of 153.9 million pounds exceeded 1987's record by 16 percent. 1988's ECH yield improvement surpassed 1987's record and translated to an ECH savings of approximately \$400,000 in comparison to 1987.

"We also ended the year with big improvements in several areas including safety, environmental, quality, and customer satisfaction," says Hogue. "Continued use of key SPC applications by operators improved product quality, making it easier to meet customer requirements," says MAE ZYJEWSKI, EPON 5 process specialist.

Hogue reports that several projects significantly impacted the impressive production and yield improvements. To improve ECH yields, several analyzer projects improving feed forward control were implemented. Additionally, a CAT team made up of BPA and Resins personnel addressed communications and feed requirements.

"We must give a considerable amount of credit to the people in the field working every day to control the unit and meet difficult project schedules," emphasizes BUD BUTLER, EPON 5 operations supervisor. He went on to say, "The people out there on shift are giving it their all and making good decisions."

Butler reports that a lot of effort was required from operations personnel due to the tight schedules required to demolish EPON 4 Tank Farm. Demolition provided site clearance for BPA-4 and construction of SBS (Storage, Blending and Shipping Project).

JERRY WALKER, Major Resins field team manager, says, "The EPON-5 team responded quickly to an ever-changing and demanding market. We've had to wait a while (EPON 5 was streamed in 1978), but now we're pushing to get everything we can out of the unit."

The EPON 5 team is setting some ambitious goals for 1989. These include capacity runs for the unit on major products in order to "debottleneck" the unit and add marginal capacity. "We're trying to look at the future because business is so brisk with resins," says Walker.

According to Walker, there are other projects in motion to improve not only capacity, but also items such as cost, packaging, and service to the customer.

"We are all getting more and more confident that 1989 will be another record year," says Walker.

EPON 6

The people working in EPON 6 are an example of a "can do" group who operate the unit way beyond its original design premises. The unit originally produced seven commodity grade resins. The current list of active product lines number 15, not counting special orders.

EPON 5 & EPON 6: Two Major Resins units with know-how and dedication

EPON 6 runs a 10-4 schedule, operating continuously for 10 days and shutting down four days. "Its excess capacity has been rapidly disappearing as the market and number of different products have grown," explains RANDY FASKE, process engineer.

Faske went on to say that the setting of 1988's new production records was, in part, the direct result of longer operating cycles. "The operator's flexibility and dedication have been invaluable and will become even more critical when the demand for EPON 6 production forces the transition from 10-4 to continuous operation."

Having just celebrated its 10-year anniversary, Faske reports, "EPON 6 Operations has experienced no lost time accidents and is looking forward to another milestone of 10-plus safe work years."

EPON 6's end use products include maintenance and marine, packaging and transportation coatings. Applications of this type represent 70 percent of the coatings market. General industrial, furniture and appliance, pipe and other coatings account for the remaining 30 percent of the market. ■

U of H students impressed with DPMC training technology

A group of 20 students from the University of Houston were guests of the Training Department earlier this year. The students were interested in finding out what methods are used by an oil company to train its employees.

Students enrolled in the course "Issues and Trends in Training" in the university's Technical Education Department spent an evening at the Complex with Training Representatives HAROLD DISHONGH and BILL GREGG, and GLEN DODSON, Central Maintenance foreman to get practical insight into how new technologies are being applied to training at DPMC.

"They came away with a broadened view of technologies used out there for training, some of which they weren't aware of," says Dishongh. The students learned about

the use of simulators and interactive video. Simulators are mock-ups of units which react like the actual unit. Interactive video permits individuals to receive training utilizing a touch screen CRT that interfaces with a personal computer and laser disk player.

The group divided into three rotating groups and students met separately with Dishongh, Dodson and Gregg for a combination lecture/hands-on session. Dishongh led the interactive video session; Dodson, PC and mainframe systems; and Gregg, simulators.

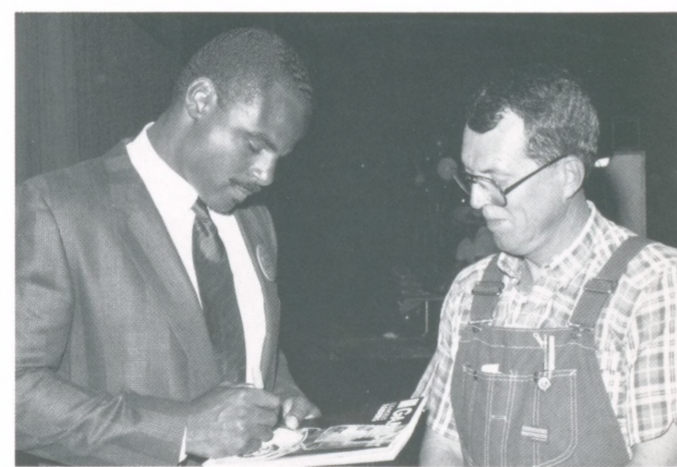
"It was a rewarding experience for me and really for all of us that a group of college students took an interest in what we are doing. All of them showed great enthusiasm and interest in what we showed them," says Dishongh. ■



HANDS-ON TRAINING — Bill Gregg, training representative (r), lets University of Houston "training trends" students run through a simulated program at one of the simulator operator stations. The students were able to experience what a typical DPMC operator experiences in TDC-3000 training classes.



DPMC Celebrates Environmental Excellence Day...



Shell executives applaud performance

The employees of Deer Park have proven that it is possible to operate a world scale manufacturing complex in an environmentally sound manner.

"It is clear from your record of performance that each of you is keenly aware of the importance of environmental responsibility in your individual job duties."

"I am certain I can safely speak on your behalf and say that each of you has a genuine desire to protect the environment

for the benefit of yourselves and of your families."

"One year ago, you were challenged to be the first repeat winner of the Award. Through your dedication to excellence, you have demonstrated once again that Deer Park deserves to be recognized as a leader and role model within the Shell Products organization."

"I would like to challenge all of you to continue on your current course, and to retain your position as owner of the Environmental Excellence Award."



Wilson: Company's strength is its people

Editor's Note: The following is a portion of a speech delivered by C.W. Wilson, executive vice president of Products:

"I would like to add my congratulations and best wishes. It is always a pleasure for me to be able to recognize and to express appreciation for quality work.

"For the first time in the history of the Shell Environmental Excellence Award, one location, the Deer Park Manufacturing Complex, has won the Award two years in a row. As I am sure our guest, Calvin Murphy, would agree, it takes exceptional performance and commitment to be a repeat champion. It is this kind of demonstration of sustained excellence that establishes traditions and high standards for the rest of the company.

"Before I present the trophy, I would like to take a moment to share some thoughts with you on why Shell places such a high degree of emphasis on the environment.

"Foremost is the health and welfare of Shell employees and of the surrounding community. The real strength of Shell Oil Company is its people; Protection of this resource is crucial for our survival and growth. As a visible member of the surrounding community, we, as a corporation, and as individuals, also have a responsibility to protect the welfare of our neighbors and fellow citizens.

"You have shown that the goals of a high standard of living provided by industry, and of a sound environment, do not have to be mutually exclusive. This coexistence, however, will require that we continue to strive for better ways to conduct our business and to improve our strategies for conservation. In the longer term, well managed efforts directed

toward these goals can only serve to benefit both the business and the environment.

"Finally, the constant vigilance imposed on our daily work activities by environmental concerns can help us to make new observations and discoveries about our operating practices and processes. These discoveries, in turn, can lead to new ideas that improve the health and profitability of the corporation.

You have shown that the goals of a high standard of living provided by industry, and of a sound environment, do not have to be mutually exclusive.

"The necessity to strive for perfection in each of the many categories used to evaluate performance has already been pointed out to you. Winning of the Environmental Excellence Award in 1987 presented a special challenge to the employees of Deer Park to equal that performance in 1988. You have met that challenge, and in the process have set higher standards for 1989.

"I hope that I have the opportunity to return to Deer Park one year from now to congratulate you for winning the 1989 Award." ■

Officials send letters, proclamations

The following excerpts are from among letters and proclamations honoring DPMC employees upon their acquisition of 1988's Environmental Excellence Award:

U.S. Senator PHIL GRAMM:

"You have shown what can be accomplished by a team of professionals working together with a strong commitment to provide quality products with minimal environmental impact."

State Senator CHET BROOKS:

"The employees and management at the complex are most deserving of this worthy recognition for your conscientious efforts to meet and exceed environmental standards to protect human health, natural resources and the environment."

Houston Mayor KATHRYN WHITMIRE:

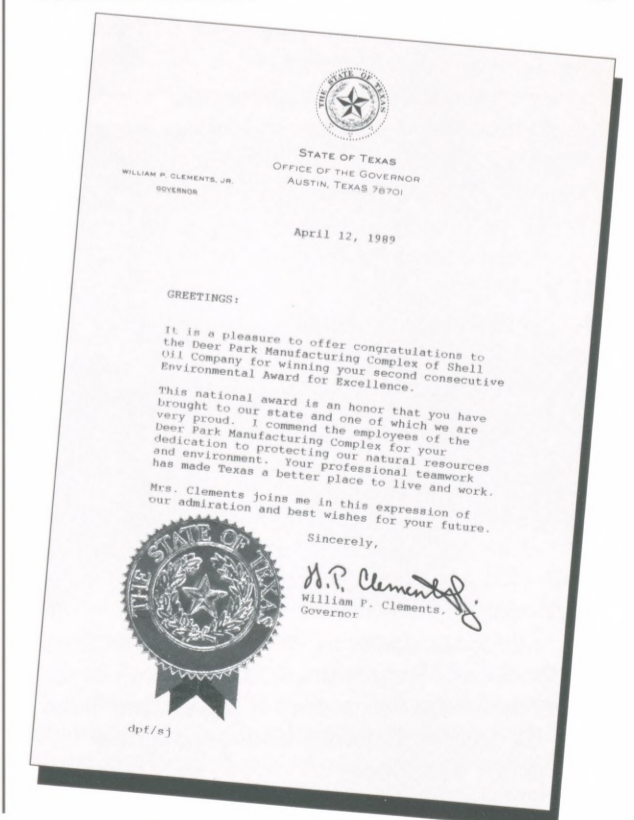
"I, Kathryn J. Whitmire, Mayor of the City of Houston, do hereby proclaim Monday, April 17, 1989 as 'Environmental Excellence Day' in Houston Texas."

Deer Park City Council:

"Because DPMC employees are aware of environmental standards and work toward these standards daily, we all benefit. You folks are an excellent example of the American work ethic."

Pasadena Mayor JOHN RAY HARRISON:

"I, John Ray Harrison, Mayor of the City of Pasadena, Texas do hereby congratulate Shell Oil Company's Deer Park Manufacturing Complex and also hereby proclaim Monday, April 17, 1989 as 'Environmental Excellence Day' in Pasadena, Texas, and urge all citizens to celebrate the occasion thereof."



Stop-Smoking graduates pass on the butt

More than four months have passed since PENNY GREENWOOD, TERRY SIMS, both of Engineering Support, and ROY THOMAS, of the Instrument Shop, left their stop-smoking class and their cigarettes behind. All three vow they'll never smoke again.

Greenwood, Sims and Thomas were participants in the Methodist Hospital Institute for Preventive Medicine's Stop-Smoking Program sponsored by the Medical Department and held at the Complex.

Group support was the motivating force behind the trio's decision first to complete the four-week course and then to give up the smoking habit for good. Each tried quitting several times before, but without the kind of help they received on this go-around.

Greenwood and Sims were among a group of six employees from Engineering Support who agreed to take the course. Thomas went along at a friend's request.

"In group discussions at the meetings I was finding out everybody else was having the same problems quitting as I was," says Sims. "Knowing that while I was in the class and trying to quit, that other people were doing the same thing, really did it." A 1-1/2 pack-a-day smoker for 15 years, Sims had never gone more than a couple days without lighting up.

For Greenwood, success was a matter of making up her mind that she had smoked her last cigarette ever. "This time I decided, I have support and if I'm going to do it, now is the time to do it." A half-a-pack a day smoker for 15 years, Greenwood would break a promise she made with

And it does for all three. Says Thomas, "I tell myself I don't want one, that the urge is going to pass. If I know my mind is made up and I'm not going to have that cigarette, it seems like the urge goes away quicker." "Before when I stopped it was an all-day thing," says Sims. "When I woke up in the morning I thought about smoking and the last thing I thought about when I went to bed was 'Close your eyes and you've made it another day.' But as time goes by it seems like that's less and less."

"Every time I want a cigarette I have to remake the decision," says Greenwood. "I say, 'I'm not going to smoke.' And, 'I am now a non-smoker.'" Greenwood says her cravings have gotten further apart, but at times are as strong as they ever were.

Aside from better health, Greenwood, Sims and Thomas can appreciate the absence of cigarettes in their lives. "It smelled up the house and the car," says Thomas, not to mention cigarette burns and flying ashes. "Besides that, I can save \$35 to \$40 month and pay for a hunting lease."

"It makes your life a little less complicated," says Greenwood. "I always hated to have non-smokers around me when I smoked because they have rights also. I don't have to deal with that anymore."

The last four months as a smoker, Sims was "smoking more and enjoying it less." Not only did it bother his throat and affect his breathing, but Sims found himself among a growing minority. "I felt uncomfortable being a smoker and visiting somebody, going to their house or their office."

What do you do if you'd like to kick the smoking habit, but don't want to do it alone? Join the next Stop-Smoking course to be offered at DPMC at the end of the year. ■



Penny Greenwood



Terry Sims



Roy Thomas

herself at the start of every new year. That went on the last 10 years. "It never lasted. Sometimes it never even got started." She found the course enjoyable and the facilitator interesting and supportive.

Because Thomas tried quitting many times before, he knew it wasn't going to be easy. The 20-year, one pack-a-day smoker says, "I knew there would be times when I just had to have one... I thought I had to have one. The class helped out a lot. They encourage you that if you have the feeling, it will go away."

S.A.F.E. Team Profiles

Contractor Team puts safety in our back pockets

Contractor S.A.F.E. Team members have created a handbook that puts basic, easy-to-read safety information in the hands of everyone working at the DPMC. The Accident Prevention Handbook is being prepared now for distribution throughout the Complex and to contractor companies.

The 12-page booklet is short and to the point, discussing such topics as emergency alarm signals, how to report safety problems, proper use of tools and equipment, and traffic rules. Cartoon-style illustrations are sprinkled throughout to provide visual backup for each safety point covered. The team even thought to make it pocket-size and non-tearable.

"We wanted a book that could be easily understood by all the workforce, one that could be read in as short a time as possible and made out of a material that could be put in the employee's back pocket without worrying about it tearing, fading or getting wet," says MIKE HELM, Maintenance Engineering supervisor and S.A.F.E. Team member.

The team created a booklet that can be read in about 10 minutes, according to Helm. It's printed on a tear resistant paper that even gives the yellow-covered booklet a bright fluorescent-like glow.

"The genesis of this project was to put

some common information in the hands of contractors here at Deer Park, to provide their people with some basic safety information and to make a bit of a splash in doing so," says JOHN GRIFFITHS, Olefins superintendent and Contractor S.A.F.E. Team leader.

Griffiths says the original plan was to mail the booklets out to contractor companies only, but that the positive reaction to the booklet among Deer Park management convinced the team to make it available Complex wide.

The Accident Prevention Handbook represents the Contractor S.A.F.E. Team's opening safety activity. The team has also had a session with contractor management to explain HSIP (Health & Safety Improvement Process) and where DPMC was headed in terms of prevention activities to improve health and safety performance, and provide them with ideas for their own preventive safety activities, according to Griffiths.

Members of the Contractor S.A.F.E. Team, besides Griffiths and Helm are: JAN BARTON, H&S; JERRY GOLDEN, Facilities Support; GEORGE JOHNSON, Engineering; BOB RUSS, Central Maintenance; MIKE SMITH, HS&E; and MARY STOKES, P&AS. ■



RUNNERS FUEL UP AT FLOAT — A group from DPMC's "Save the Children Relay '89" team paused for picture-taking by the Historical Society's old-fashioned float which served as their headquarters and relief station. The event took place at the Rice University Track in Houston April 8 and 9. They are (1st row, from left) Carol Jacoby; Ryan Jacoby; Maurine Bishop, P&AS; Marilyn Williams, P&AS; Ovidia Lindsey, Log./Env./Util.; and Jim Rosborough, P&AS; (2nd row, from left) Jim Paar, Log./Env./Util.; Jack Callaway, Log./Env./Util.; Jim Nierman, Oprns. & Maint.; Ann Nierman; Jerry Golden, Facil. Support; Jim Hachten, P&AS; and Berta Hokanson, P&AS; (3rd row, from left) Dr. Joseph Carpenter, Alexis Jacoby, and Rob Jacoby, HS&E.





UP, UP AND AWAY — SMART Team members lift their practice patient into the new state-of-the-art ambulance during their quarterly training drill. It's the first drill to take place using the new vehicle. (r-l counterclockwise) Jeff Collins, Tom Dickey, John Buchanan (in truck), Richard Cervi, Howard LeDe, Mario Hernandez, Jack Proctor, and Robert Bernardin (on stretcher).

New ambulance ready to travel

Fully equipped and ready to roll, the new DPMC state-of-the-art ambulance is prepared to answer its maiden emergency call. SMART Team members have been getting acquainted with their second emergency vehicle and using it during regular drills, according to SMART Team member RICHARD HAYDOCK, Fuels-Solvents & Treating operator.

Besides having more room in back and extra insulation, the "Frazier-Bilt" ambulance has a hospital-like atmosphere with fluorescent lighting and white fiberglass walls. The "box," a term referring to the area where the patient rides, is removable so that it can be put on another chassis, says Haydock.

The ambulance also has its own on-board generator plus radio and telephone communication. "It's like a mini motor home," says Haydock. "By having a separate power plant, it can be on the emergency scene without damaging or shortening the life of the equipment. It's built to outlast any other ambulance manufactured at this time," he adds.

A cellular telephone, which Haydock explains allows for more privacy, will be used as the primary means of communication while radio communication will be used as back-up.

The new ambulance is scheduled to be the "first-out" unit on calls. It will be the one sporting a customized red graphic emblem patterned after a recorded heartbeat.

Students receive Industrial Honor Awards

Fourteen sons and daughters of DPMC employees were among those honored April 18 at the 32nd Annual Industrial Honor Awards Banquet. The Deer Park High School students were awarded certificates for academic achievement by Deer Park-area industry sponsors including DPMC.

Shell and other Deer Park-area industries have sponsored the banquet since 1957 to recognize Deer Park High School students for their academic excellence.

The awards recognized those students enrolled in five solid courses who have maintained a 4.5 grade point average the first semester of the year. A total of 193 students received awards, representing the top eight percent of the high school student body.

JERRY GOLDEN, Complex superintendent of Facilities Support, was Master of Ceremonies at the banquet held at Holiday Inn Hobby Hotel. Remarking that several students at the banquet that night have attended before, Golden added, "That says a lot for their commitment to academic excellence. It also says a lot for the quality of education provided by Deer Park Independent School District."

Students of Shell employees were:

12th Grade: SHARON COLLARD, daughter of CHARLIE COLLARD, Fuels; CAROLINE HATCH, daughter of DOUGLAS HATCH, electrician; DAPHNE LIVANEC, daughter of ALLEN LIVANEC, North Laboratory; SHAWNA MCGAL-

LIAN, daughter of WALTER MCGALLIAN, Logistics Utilities; LAURA NORRIS, daughter of DAVID NORRIS, JR., Instruments; and GAYLON PALMS, daughter of EDWARD PALMS, Chemical Operations Maintenance.

11th Grade: COLLEEN CORLEY, daughter of HENRY CORLEY, Chemical Operations Maintenance; JENNIFER NOLEN, daughter of KENNETH NOLEN, Chemical Operations Maintenance; and BRADLEY POWELL, son of JOE POWELL, Auditing.

10th Grade: HUMBERTO GARZA, son of HUMBERTO GARZA, Chemical Operations E; and HEIDI RILEY, daughter of LARRY RILEY, Fuels.

9th Grade: LISA HEACOCK, daughter of GREGG HEACOCK, Heavy Equipment Operations; SARAH HYDE, daughter of MARVIN HYDE, Phenol Acetone; and JOHN MORRIS, son of DELORES KENNEDY, Purchasing and Administrative Services.

Industry sponsors were: DPMC, Intercontinental Terminals Company, Lubrizol Corporation, Occidental Chemical Corp., Paktank Corporation-Deer Park, Phillips Chemical Company, Rohm & Haas, Rollins Environmental Services, Inc., Soltex-Polymers Corporation, Texas Alkyls, Quantum-U.S.I. Division, Union Carbide-Linde Division, Union Equity Cooperative Exchange, United Texas Transmissions Company, and W.R. Grace & Company.

SCORANOTES

Skate out of school

School is out for the summer. Celebrate on skates 7-9 p.m. Thursday June 8 at Sports Page Roller Rink, 410 S. Pasadena Blvd. in Deer Park. Bring the whole family. Members free, non-members \$1.50.

Two chances to set up camp

Camping anyone? Enjoy roughing it at Martin Dies State Park in Jasper, TX June 9-11. Reserve a spot for \$9. Twenty-five camping sites are available.

Another camping date is July 21-23 at Wolf Creek (outside Cleveland). Reserve a site for \$18. Thirty spots available.

Bring a covered dish for the Saturday buffet. Make reservations through BILLIE DANIEL, 476-6684 or 476-6975 (SCORA Hotline).

Fisherman reel-in winners

Results of the salt water Fishing Tournament at Sylvan Beach Park May 6 were:

Biggest Fish — RONNIE FOSTER, JR., 5-1/2 pounds of red fish, \$80; 1st Place for Most Fish — REX LAWSON, machinist and LINDA LAWSON, 20 pounds, \$235; 2nd Place — RONNIE FOSTER and RONNIE ROSTER, JR., 15 pounds, \$94; 3rd Place — RAY ROBERSON, E-Maint., and BUDDY SCHAUB, 11-1/2 pounds, \$70; 4th Place — JAY BRIGHT, Olefins Op., and PAUL BRIGHT, 11 pounds, \$47; and 5th Place — LEX COWAN and LINDA COWAN, 6- 1/2 pounds, \$23. A total of 24 people participated in teams of two.

Letters to the Editor

Thank you for the party

Thanks so much for the lovely retirement parties and your generous gifts. I will cherish my scroll most of all. I will miss each and every one of you. Please stop by anytime. I still live across the highway from Shell.

PAT MANLEY

Pogue family says thank you

The family of Don Pogue would like to say thank you for your love, prayers and support during his illness. My sons and I were overwhelmed by the tribute paid to Don. May God bless each and every one of you.

NEVA POGUE and family



PAFEC WINNER — April's Individual Quality Recognition Award by Purchasing & Administrative Services, Financial, Economics & Scheduling, and Computer Services Quality Support Group is Delores Kennedy, P&AS. Kennedy was cited for her efforts in providing excellent service with a positive attitude.



MILESTONES

Service Anniversaries

35 YEARS

L. C. HAWN
Security

G.T. KAPTCHINSKIE
Log./Env./Util.

E.C. SAVELL
Engrg. Services

J.R. SPRADLING
Olefins

B.E. WHITEHALL
Main. Central

25 YEARS

A.M. PYER
Chem. Oprns.

20 YEARS

E.F. PALMS
Chem. Oprns./Maint.
(April)

J.R. SMITH
Log./Log. Maint.

M.M. SPEARS
QAL/I&S

15 YEARS

C.H. BANKS
P&AS

G.C. BOYER
Fuels/Dispatch Oprns.

J.R. BURNAMAN
Env. Conserv./OPE

E.L. CARPENTER
Chem. Oprns. Maint.

W.E. CLEMISHAW
Maint. Shut. Plng.

L.W. DAVIS
DPC/Sp. Tstr./N. Lab.

H. HAND
HS&E/Env. Reg. Affairs

E.M. HAWTHORNE III
HS&E Safety

R.F. HERNANDEZ
Chem. Oprns./E&S

V. LAUREL
Docks

A.R. LIVANEC
Quality Assur./N. Lab.

H.E. NORRIS
Engrg./Cntr. Sys./Fuels

J.M. THOMPSON
E. Maintenance

B.T. TUCKER
Machinist

10 YEARS

D.E. BACH
Medical

E.G. NICOLAS
Electrician

J.D. YOUNG
Machinist

DPMC WELCOMES

W.L. BRUMLEY
Maint. Control

D.W. DAUM
Eng./Resins

D.T. PRESTON
Dist./Solv./Trtg.

C.S. SCHNORBUS
Eng./Olefins

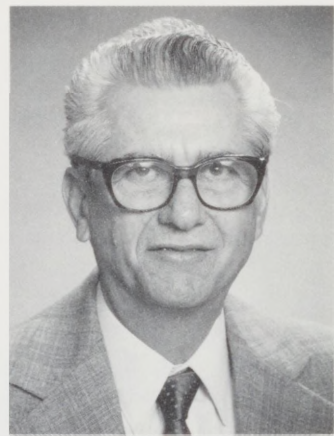
C.T. SHELL
Employee Rel.

M.C. STOKES
PA&S

RETIREMENTS



W.D. ALFRED
Olefins Maint.
(above, February)



W.C. COWEY
Material Controller
(above, February)

H.W. ELLINGTON
Central Maintenance

C.B. FALK
Major Resins

J.E. FULTON
Olefins Maintenance

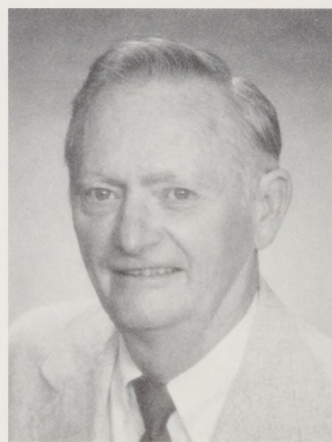
L.W. GOULD
Cat. Cracking/Gas

R.W.B. JOHNSTON
Process Eng./Ref.

N.A. LINKE
Eng. Services

D.D. MCMANUS
Economics & Sch.

L.N.G. MOORE
Central Maintenance



D.F. ROBINSON
Env. Oprns.
(above, March)

N.A. SHEPARD, JR.
Pressure Equip.

L.E. SLAGLE
Control Systems

P.R. SPRUELL
Olefins Maintenance

R.C. WESLEY
P&AS
(June, 1988)

MEMORIAM

B.J. GARRETT, ER-
Training, retiree, died
May 3, 1989 in Houston.

CHARLES HAY, Pipe
Shop, retiree, died May 1,
1989 in Pasadena.



Seniors compete in local olympics

Shell Deer Park retirees demonstrated their athletic abilities in the Sixth Annual Deer Park/Pasadena Senior Citizen Olympics last month.

The 4-day olympics kicked off with golf and bowling and was brought to a close with shuffleboard, crafts and watermelon seed spitting. Thirty-seven retirees and their spouses won a total of 76 ribbons for first, second and third place over the course of the event, according to Herschel Graham, president.

Senior Olympics is sponsored by the East Harris County Senior Citizen Organization, and is composed mostly of Shell retirees. The event was held April 4-7, mostly taking place at Dow Park and Deer Park Community Center.



POST-GAME GATHERING — Shell Deer Park retirees and spouses taking a breather after Senior Olympic softball game are (from left, kneeling) Claude Fisher, Wilbur "Ace" Jensen, Bill Cummins, Harry Wheeler and Bob Schroeder; (from left, standing) Julia Fisher, Helga Jensen, Ed Harris, Henry Hallonquist, Raymond Gartman, Millie Wheeler, Herschel Graham, and Gloria Kennedy.

TCC Awards received

Receiving Outstanding Service Awards by the Texas Chemical Council in March were PETER FISCHER, Community Relations manager, and AL WEAVER, HS&E staff engineer.

Active in community outreach, Fischer has been instrumental in organizing industry efforts in emergency planning and community awareness. Weaver, active in solid waste issues, has been an industry leader during this time of regulatory growth.

The Texas Chemical Council is a state association of chemical manufacturers.

CLASSIFIEDS

FOR SALE: 1014 So. Johnson St., Pasadena. Custom built minimal maintenance home. 14x22 car port, 12x18 playhouse, New Lennox central air & heat, Moose 1100 3-alert alarm system, hardwood floors, disposal, dishwasher, den, ceiling fan, etc. On large lot with culdesac. Contact Melvin H. Muecke at 472-5988.

Shellegram

Deer Park Manufacturing Complex

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Alayne Merenstein

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