

SHELL *e* g r a m

D E E R P A R K

Working Together To Help Communities Understand Chemical Risk

Shell Deer Park is part of more than 110 chemical manufacturers, refineries and related plants in the Houston Ship Channel/Galveston Bay area that have developed a risk management program (RMP), summarized it in a plan and made the information in that plan, available to the public. In fact, Shell Deer Park successfully staffed a booth during area meetings: Pasadena (Feb. 4.); Deer Park

(Feb. 11); and North Channel (Feb. 20).

The purpose of the RMP community meetings was to provide information and encourage community dialogue about how industry prevents chemical accidents and reduces risk. Attendees had a chance to hear from local industries and ask questions about how operations are constantly checked, equipment is regularly tested and

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Terry Sanders, left, and Kara Uptegrabh, right, at Shell Deer Park RMP community meeting


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Count on Shell





The beginning of the year has been busy for Shell Deer Park and you can read about many of the activities in this month's issue of Shellegram. We have news and photos from the highly successful Risk Management Plant (RMP) program and Shell's participation in local meetings. We also have a wrap-up on Turnaround and comments from several Refining Company participants. Also included in this issue is an update on the Phenol 3 construction.

You can also read in this issue about the accomplishments of four teams that took part in the "Champions of Excellence" program and there's news about Shell Deer Park's continued community involvement. And just for fun, read about one of our own who is training for the 2000 Olympics.

There are several Shell Deer Park Chemical Plant employees who will participate in the MS 150 Bike Tour (benefiting Multiple Sclerosis) in April. Team captain Mike Cunningham promises a report next month on this cycle ride, if he is still moving after the trip from Houston to Austin. What else would you like to read about next month? Let us know and we'll try to get the scoop.

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Chemical Risk

employees are rigorously trained in chemical risk. They also learned about safety steps in chemical risk management:

- eliminate or reduce identified hazards;
- prevent incidents;
- prepare the public for possible incidents;
- minimize or contain incidents; and
- respond promptly to emergencies.

Many Shell Deer Park employees represented the company at these meetings, including Randy Daily, a pipe fitter in Shell Deer Park Refinery. Speaking about the meeting held in Deer Park, Daily commented, "I think the meeting went extremely well and people were satisfied with what they heard."

As a union representative, Daily feels it is imperative for the union to be represented at all meetings so people can hear firsthand how union members work safely. "If we just provided information to the public, without us being there to explain our safety measures, the RMP might be scary to some people," Daily believes. During the Deer Park meeting, Daily said attendees asked him questions such as how Shell Deer Park was planning to become Y2K compliant, what kind of safety was there on vessels and what kind of controls and monitors are in place.

Daily also strongly believes that as the head of his household, he needs to communicate with his family what they should do in case of an emergency. "I live in Baytown, so my family knows how to shelter-in-place." This includes going inside immediately, shutting all doors and windows, turning off the air conditioning or heating to stop outside air from getting inside, and turning on the radio and listening for instructions and staying off the phone. The Daily family also keeps emergency information and phone numbers on their kitchen door.

Daily encourages all Shell Deer Park employees to be involved in communicating chemical risk management to our community. For more RMP information, local residents can call 281-228-3024.

Dan Hamala, lower right, speaks with Deer Park High School students



March 99

New *Safe City* Bingo

Program Beginning Week of March 1

Announcing "Safety Bingo" - a new enhanced SDPRC safety program sponsored by the HSSG, Union, Contractors and the refinery Prevention Awareness Team (PAT). This program will be run by the Refinery PAT.

The game is played by filling out a SDPRC safety bingo card. When you have a "bingo" (five consecutive squares horizontal, vertical, diagonal or four corners), you have a winner.

All SDPRC employees, contractors and chemical employees working in the refinery are eligible to participate.

Each Department Health & Safety Team will hold a weekly drawing for the winning bingo cards turned in. Each winner will receive their choice of numerous prizes.

Monthly prizes:

A monthly grand prize drawing will be held the 1st Tuesday of each month at the North Cafeteria at 12 Noon. Prizes will be awarded in four categories: Two from Maintenance, Two from Operations, One from Support Staff and One from Contractors. For months with "0" OSHA recordables, the number of prizes awarded will be doubled. The winners^o will be chosen from all turned in winning bingo cards, whether they have won the weekly prize or not.

Y2K

Deadline Approaching

Shell Deer Park continues plant-wide preparations to ensure that Shell companies will be up and running on the first day of the new millennium. This means that process control, servers, personal computers and applications must be Year 2000 ready so employees can continue to operate without interruption. Another area which is being carefully considered are suppliers of such important resources as crude oil and power. Alex Cuclis, of Control Systems, provides a status report regarding the on-going efforts to identify problems and remedy them.

"We started back in 1998, by taking an inventory of all hardware and software to identify potential Y2K problems," says Cuclis. This included contacting manufacturers as well as in-house testing to determine the problem areas. "Of all the hardware and software at Shell, Texaco and the Alliance companies, less than 10 percent had Y2K problems, many of which were cosmetic, like displaying or printing incorrect dates," Cuclis reports.

There were also a few other problems discovered. For example, a pour point lab analyzer, which measures how well liquids flow at a given temperature, failed the Y2K test and would not operate until the circuit board was replaced.

Another problem occurred when the wrong date was keyed for an overtime employee and the system would not run. This problem will be corrected by replacing the current overtime software. A plan has been developed to correct these and other problems in the summer of 1999.

"In our planning, we are developing remediation and contingency plans to handle any Y2K problems," Cuclis concludes.

 **"Safe City" BINGO**

S	D	P	R	C
Participated in PHA	Stopped a Shell Person From Unsafe Act	Wore Safety Harness And Tied Off	Put Up Barricade Around Work Area	Cleaned Up Work Area
Reviewed a Safety Order	Checked Scaffold Before Use	Walk The Talk With SMT Member	Submitted Safety Suggestion	100% HSO In Compliance /QTR
Wrote Permac "Safety" Ticket	Corrected Unsafe Condition	Safe Spot	Checked Vehicle Safety Equipment Before Use	Turned In APR
Used Correct Lifting Techniques	Stopped Contractor From Unsafe Act	Wrote JSA	Performed TSA Before Job	Shared a Near Miss
Witness Staff Behavior (Specify)	Led Tailgate Safety Meeting	Drank		

FIELD

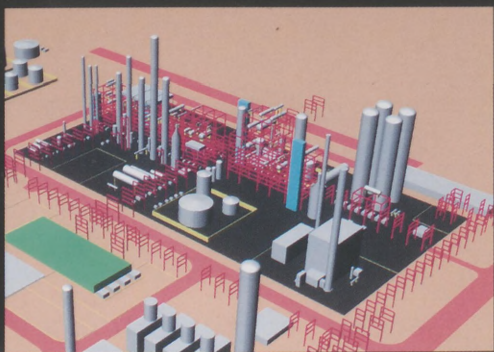
Name: _____
 Ext: _____
 DHST: _____
 Date Turned In: _____
 Prize Selection: _____
 Additional Data: _____

"Safe City" BINGO

S	D	P	R	C
Participated in PHA	Used Correct Lifting Techniques	Checked Rollers on Chair	Checked Vehicle Safety Equipment Before Use	Provided PI to Co-worker
Reviewed a Safety Order	Assisted with Heavy Load	Used Handrail While On Stairs	Conducted Safety Audit	Checked Street Both Ways Before Crossing
Wrote Permac "Safety" Ticket	Checked Electric Cords Before Use	Safe Spot	Removed Tripping Hazard	Conducted Safety Meeting
Used Correct Lifting Techniques	Visited SDPRC HS & E Web Site	Presented Topic at Safety Meeting	Yearly Physical Exam	Turned In APR
Witness Staff Behavior (Specify)	Shared	Shared	Performed Economics	Researched or Created Safety Meeting

OFFICE

Name: _____
 Ext: _____
 DHST: _____
 Date Turned In: _____
 Prize Selection: _____
 Additional Data: _____



Update On **Phenol 3** Project

In the November 1998 Shellegram, you read about the accomplishments on the Phenol 3 Project at Shell Deer Park Chemical. At that time, Kyle Soderman, Location Representative on the Venture Management Team and Start-Up Manager for the Phenol 3 Project, stated that he was excited to see something coming out of the ground. This month, we went back to Soderman to get an update on the progress of this project, which when finished, will almost double production of Phenol.

"We've had some problems with late equipment deliveries," reports Soderman, "but we are still on track for mechanical completion in the fourth quarter of this year." He further states that most major equipment is now in place and the main structure is near completion. The group is moving on the piping program, which includes running approximately 45 miles of pipe.

Ed Acosta, also on the Venture Management Team and in charge of the business unit, reports that marketing efforts are underway to sell the product to new customers. In fact, the first customer tour of the plant will be conducted on March 24. "We have several customers with which we are in discussions, and we are pleased that one customer, Plastics Engineering Company, is significantly interested in the product and will tour the plant."

The Phenol 3 Project demonstrates the continued growth at Shell Deer Park Chemical and we will keep you informed about the progress of this group.

'99 Five Turnaround is History

People at Shell Deer Park Refining Company are excited about the results of their recent turnaround, as they should be. All employees and the contractors who assisted with the project are congratulated on undertaking an effort of this magnitude and the results they achieved.

SDPRC was counting on the skill, experience and pride of employees to meet the turnaround challenge. Key performance criteria included safety and environmental performances, getting the units restarted on schedule, cost performance and how well the units run after all maintenance and project work is completed.

"I think our employees gained a great deal of experience during the weeks of the turnaround and congratulations on a great effort are in order," said Aamir Farid, vice president of production.

From Jim Niklas, manager of Turnaround Planning, came expression of deep satisfaction with the way the turnarounds progressed. "I think it's great. Although our goal was no injuries at all, we had just under 60 first-aid incidents and only three OSHA recordables," Niklas proudly reports. "We are grateful that the injuries were not serious in over one million work hours."

Ernest Graff, Operation Turnaround Planner/Coordinator for Hydroprocessing/Sulphur Units, had just finished his project involvement when Shellegram spoke to him. Although he said there was still some last minute adjustments to be made, he and his group were ready for some victory laps as what we accomplished sinks in. Graff stated that the entire turnaround process was undertaken to insure the integrity of the equipment and improve environmental performance and profitability. He went on to say that without the extreme efforts put forth by operations and craftsmen, the accomplishments of the turnaround would not have been as great.

Dan Taylor served as the Safety, Environmental and Industrial Hygiene Coordinator for the turnaround Leadership Group. Taylor explains his group's efforts: "With the help of Nikki Saunders and The '99 Five newsletter, our team, including D.J. Schaeffer of Hydroprocessing, Wallace Hallum of Distilling, Andrew Johnson of Coke/GOHT, tried to keep communications open between the turnaround units. It was very important that we kept people informed about changes, safety issues and first aid." Taylor also reports that his group's efforts were aided by the Health and Safety Committee and SUMIT.

"The pressures and demands of this effort resulted in people working more hours than we initially planned," commented Brad Pertl, Turnaround Supervisor for Distilling, "but everyone put forth an excellent effort."

"This was a challenging and rewarding experience, with day-to-day adventures and challenges," says Walter Clemishaw, System Coordinator for SHCU, Hydroprocessing. He adds, "Operations was outstanding in performing preparation and permitting."

What's ahead for Shell Deer Park Refining Company? "A period of sustained run time - and some sort of normalcy," is requested by Britt Cochran, Turnaround Supervisor in Coker/Gas Oil Hydrotreater.

One thing that was very evident with everyone involved in the turnaround was a common focus on getting the work done, even when the long hours made everyone tired. It was truly a team effort and a job well done by all.

McGruff

McGruff books help children *'take a bite out of crime'*

Shell Deer Park is sponsoring a book give-away to second-grade students at local elementaries. The schools are Carpenter Elementary in Deer Park, Green Valley Elementary and Havard Elementary, both in Galena Park.

The McGruff books are intended to teach children valuable lessons about personal safety. And because the books are age appropriate to the second-grade reading level and personalized with the child's first and last name as well as the first names of friends and family members, the books drive children to read.

The books include answers to such questions as how to answer the phone and what to say if there is a knock at the door when the child is alone at home. Children also read about the importance of having a family "code word" to be used in case of emergencies, such as if someone tells the child that their mother has been hurt. McGruff tells the children not to go with the person unless they know the family code word. On the last page of the book, there is a place for children to write down emergency numbers.



Dennis Winkler gives away books at Havard Elementary



Because Shell Deer Park believes strongly in safety, it is important that we enforce the safety message to children. For this reason, Shell Deer Park supports the community with the distribution of the McGruff books.



Encouraging Education

Throughout 1998, Shell employees visited schools in the community, taking an active role in education.

In Deer Park classrooms, Shell employees offered students lessons on the environment, crime prevention tips and anti-drug messages. Through its vocational and office education programs, Shell continued to share real-world work experience with area high school students.

In addition to their roles as teachers, for the third year in a row employees supplied Deer Park High School sophomores with a hot breakfast and encouraging words as they geared up for the Texas Assessment of Academic Skills (TAAS) test.



Shell Deer Park partners in education serves breakfast at Deer Park High School

While employees provided moral support, the refinery and chemical plant provided financial support to students and faculty. In the last six years, the Deer Park Educational Foundation has received more than \$145,000 through the Shell Oil Company Foundation on behalf of the refinery and chemical plant.

"Children are some of our most important natural resources and we make them a priority in Shell's community outreach efforts," said Shell Deer Park Refining Co. President and CEO Stacy Methvin. "The education they receive today will define our quality of life tomorrow. That education starts in the outstanding Deer Park Independent School District, and we're proud to offer our time and ongoing financial support."

Ruelas Going For The *Gold* In 2000

Shari Ruelas, a process engineer in Central Technical Support, has her mind set on going to the Olympics in 2000. This will be the first time in Olympic history that women can compete in the weight-lifting events of snatch and clean and jerk, and Shari is hopeful to be in the middle of the action.

"I competed in power lifting when I was in college," Shari says. She states that this is a purely strength event. However, she was inspired by the last Olympics and started training two years ago in both the snatch and clean and jerk. "These events are not only about strength, but also speed and technique," she explains. The strength is definitely there (she back squats 350 pounds), but learning the technique normally takes five to six years, and at times is very frustrating.



Shari trains in the garage of her Baytown coach five days a week for about two hours each day. She currently snatches about 140 pounds and lifts 175 pounds in the clean and jerk. To be competitive in the Olympics, Shari believes she needs to snatch 180 pounds and clean and jerk 220 pounds. Currently, she ranks fifth in the nation in these events and travels to meets every two to three months where she competes in the 138 pound weight class.

Shari says her husband loves her weight lifting and training for the Olympics, but also says he won't arm wrestle her. Don't laugh. She says none of her co-workers challenge her to an arm wrestling contest, either.

In upcoming issues, we plan to keep you informed about Shari's progress, so stay tuned for more "uplifting" articles about her training.

Shari Ruelas trains for Olympics

Special Notes On The Deer Park Chemical Plant Safety Recognition Program

The Shell Chemical Safety Council is continuing the Safety Recognition program through March 1999. The Council feels the recognition program continues to have a positive influence on our safety performance. Shell DPCP employees have gone more than 210 days since our last OSHA Recordable injury. Let's continue to be aware of the safe acts that each of us do every day. Show your appreciation by taking a few extra seconds to recognize your co-worker with a Safety Recognition certificate.

Here's how it works:

There will be a minimum of one drawing each month. In addition, the number of drawings will increase by one each month we continue with no OSHA Recordable injuries.

NEW!

The new twist for 1999 will be to share the drawing money between the recognition certificate receiver and the giver. The amount for each drawing will continue to be \$100. This will be split \$50 to the certificate receiver and \$50 to the giver.

Upcoming drawing will be April 8th.

WINNERS CIRCLE

Safety Pays

Sam Darden, a boilermaker in the Intermediates and Solvents Unit demonstrated safe behavior and was rewarded with \$1,000 in the big drawing. Sam is not only a safety conscious person, but also a good co-worker. He split his \$1,000 reward with Lynn Williams, who watched and then reported that Sam took a manway off a column. When asked what he did with his \$500 portion of the drawing, Sam just laughed and said he had a good time on the boats.

Other \$1,000 winners were FJ. Kelley, a pipefitter in the Intermediates and Solvents Unit and Allen Hentges, a process engineer in the Chemical Solvents Unit.



Sam Darden

Chemical Winners For The Safe Recognition Program

HO/Aromatic

Charley Vaughn
R. Foster
Mike Ewing

Olefins

Mike Rough
Ben Barajas
Manuel Rocha
Tommy Alexander



Allen Hentges



FJ. Kelley

Join the *Relay for Life*

Put on your walking or running shoes or your roller blades and join Shell Deer Park on Saturday, April 10, when we participate in the American Cancer Society's Relay for Life. The Shell Deer Park team will share the San Jacinto College-Central Campus track with other community teams for this fundraising event. Beginning at 9 a.m., alternating team members will walk, run or roll for the entire 12-hour period, which ends at 9 p.m.

"I've been walking in this event for three years and I think we've par-

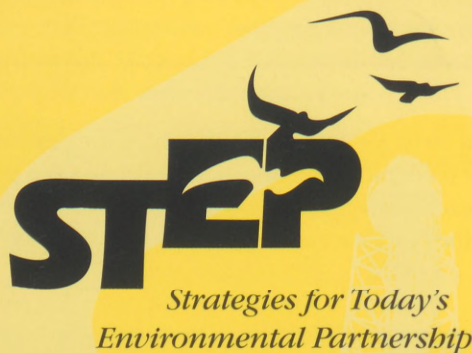
ticipated for five years," says Rhonda Chapman of the Health & Safety Dept. at Shell Deer Park Refining Company. Chapman, who serves as team captain, encourages people to join the Shell Deer Park team and then collect donations from friends, family and associates prior to the event.

A tent will be set up as a gathering spot for Shell participants, their family members and others who wish to cheer on our team. During the time when teams are on the track, a variety of activities, games and entertainment

will be available for everyone. A ceremony will be held at 7 p.m. Luminaries for the ceremony will be sold for \$5 each and there will also be a raffle for two round-trip tickets on Continental Airlines. Raffle tickets are also \$5 each.

Interested participants, or those wanting to make a donation, should contact Rhonda Chapman in the Health & Safety Dept., Shell Deer Park Refining Company, at 713-246-7335.

M I L E S T O N E S



Editor's Note: Shell Deer Park supports these initiatives: Responsible Care, through the Chemical Manufacturer's Association, is a continuing effort to improve the industry's responsible management of chemicals; STEP, through the American Petroleum Institute, addresses public concerns by improving our industry's environmental health and safety performance.



Responsible Care
A Public Commitment

*Retirees

Refinery Entrances

(for January)

J.F. Milligan

Repr Financial
Major Projects
Administration

(for January)

Al J. Reddy

Systems Center Engineer
Refining-PE/CS/O
A-Control Systems-Central

Refinery Exits

(for February)

D.A. Tietjen

Supervisory Information Services
Refining: Business Management- CPI-I.S.
Operations Support
retired* 1/30/99

Chemical Entrances

(for February)

Francene Young

Manager Learning
and Development
Learning and Development



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