



Thursday, June 24, 1982

DPMC adds aerial pump truck to firefighting arsenal

DPMC recently added a new weapon to its firefighting arsenal with the arrival of a custom-made aerial pump truck, a vehicle that will give Complex firefighters the versatility to battle fires on the ground or from the air.

The new fire truck, delivered last month, was specially built for Shell in Ohio. The brilliant white pumper is a conventional fire truck equipped with a 100-foot aerial ladder, designed particularly for industrial use.

"We've always had the equipment we needed to fight most ground fires," said Jim Repp, Safety North. "But we also needed the gear to fight tank fires, and fires that were off the ground. This truck gives us the ability to fight all kinds of elevated fires," he said.

"It's a major improvement — not only for us, but for the whole community as well," Repp added.

Several times in the past DPMC has called on aerial pumpers. In 1979, when the tanker Chevron Hawaii exploded and burned, five aerial trucks rushed to the Complex; they represented members of CIMA, the Channel Industries

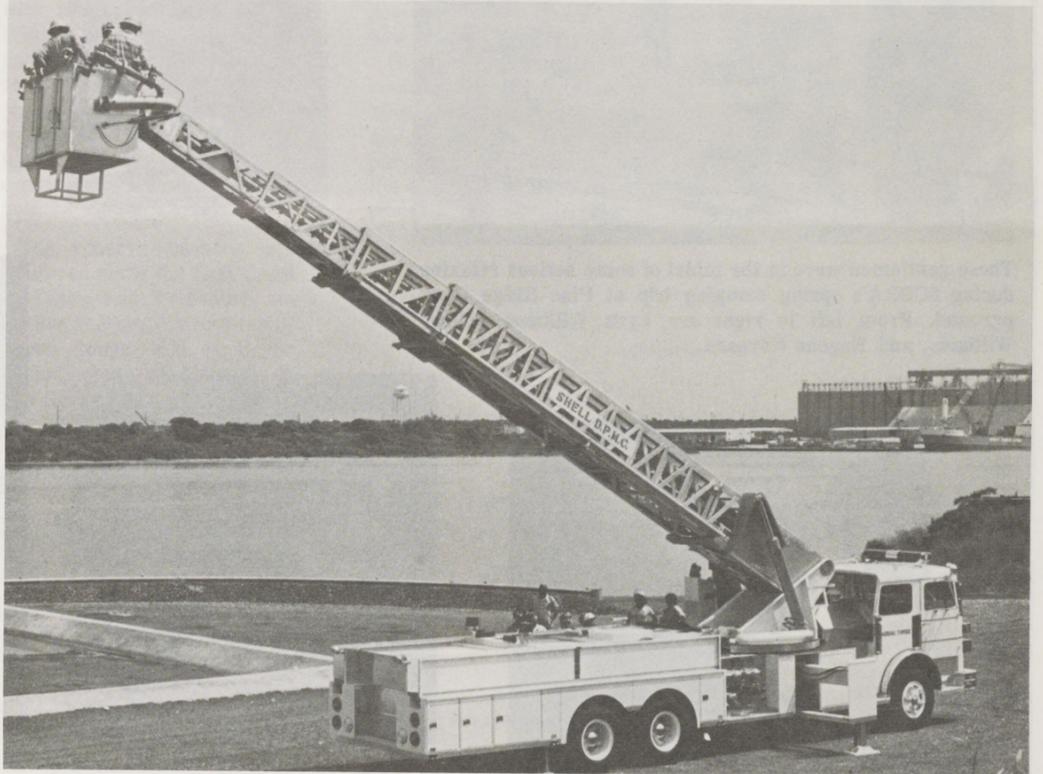
Mutual Aid Association. And last year, when the cooling water tower in the Lube plant burst into flames, an aerial truck from the Deer Park Volunteer Fire Department answered the distress call.

Safety Superintendent Rick Erickson emphasized that these aerial trucks were always available in emergencies. "But now that we have our own, we'll reduce the response time during a fire. And every minute counts."

Erickson said the new fire truck cost approximately \$300,000, but he pointed out that a quick response is the key to minimizing the damage caused by a fire. "It doesn't take very long to lose \$300,000 worth of equipment or product in a petrochemical plant like DPMC," he added.

Because of its aerial capabilities, the new truck could be used for other emergencies besides fires.

"We can use this truck not only for firefighting, but for emergency rescues, too," said Repp, a veteran of DPMC's fire crew. "We're running out of real estate as we expand



AERIAL ARM — DPMC's new fire truck can extend its aerial ladder nearly 100 feet, making it a valuable firefighting weapon. The aerial arm can rotate 360 degrees around the truck.

so we have to build higher. That means we need equipment to reach people who might be trapped on a column, or in an office building. We can reach them now with the aerial ladder," he said.

The Complex's newest fire truck, one and a half years on the drawing board, is one of the first of its kind. What makes it unique is its ability to pump foam as well as water.

"Most aerial ladder trucks do not have foam-making ability," Repp said. "We added the foam-making capability because of our special needs at Deer Park. Foam (which smothers a fire by cutting off its supply of oxygen) is a very effective way to fight open pit fires, large oil spills, and, of course, tank fires."

Jack Oliphant, Safety South, said a big advantage of the new truck would be in helping

fire crews pinpoint the best spot from which to battle the blaze.

"If we're fighting an elevated fire, the fire chief can use the aerial ladder as a command post," said the 30-year DPMC veteran. "From that height, he can see the proper location to spray instead of just lobbing foam over the side of a tank. Instead of second-guessing the flames, he can see exactly where to apply the foam from his observation point."

The truck has the ability to produce 1,000 gallons of foam solution per minute or pump 1,500 gallons of water per minute. That one-two punch makes it doubly effective against fires.

But there are a variety of other features that distinguish the new aerial fire truck.

* No exposed hose runs up the ladder to the aerial plat-

form. Instead, it is piped to the top directly.

* Two specially-designed nozzles on the ladder will help firefighters control the flow of water pressure from the top.

* The aerial basket, or gondola, is equipped with its own air supply, a radio, and automatic leveling device, thus virtually eliminating sway. It also has the ability to spray foam or water from below in case sudden blazes erupt beneath it.

The new truck is DPMC's sixth firefighting vehicle. The fleet also includes four pumper-foamer trucks, and one pump truck. The truck is currently being tested at the fire-training grounds north of the Complex; the biggest problem now seems to be deciding who'll get to ride in the aerial basket next. So far, thankfully, it has yet to be tested during a real emergency.



GROUND FLOOR — From the ground, the extension ladder is the most striking part of the new truck. Two-way communication between the crew in the basket and firefighters on the ground will boost DPMC's effectiveness in battling fires.

Save gas, make friends with carpool plan

Do those long drives to and from work seem to drag by endlessly? If they do, why not brighten up the drive — and save money at the same time — by carpooling, an easy, efficient alternative to riding alone.

The 1982 DPMC carpool program has kicked off this month. The popular program, administered by Shell in conjunction with the Houston CarShare program, is an economical way to save gas and make some new friends while you do it.

The deadline for signing up for the program is tomorrow, June 25, so don't wait another moment. All CarShare matching forms, exclusion statements and/or preferred parking applications should be turned in to Room 131 in the North Administration Building by June 25. The federal government declares that everyone must respond, so you have to sign and return an exclusion statement even if you don't plan to participate.

The red carpool tags currently in use expire July 9. As of July 10, green tags must be displayed to avoid being ticketed. Remember, you must register for a new tag whether you start a new carpool or continue the same one.

CarShare is designed to match you with other riders who have the same driving schedule. Besides meeting new folks, you'll save wear and tear on your car, too. And carpooling gives you the advantage of parking in special lots.

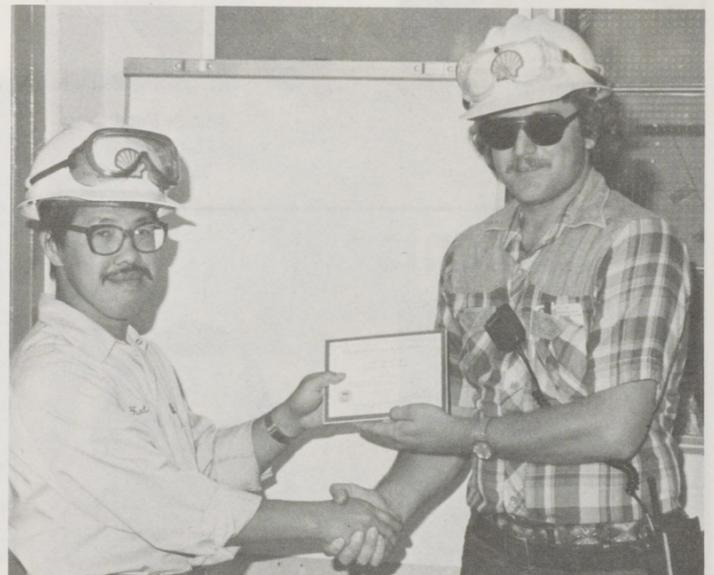
Be sure to fill out the forms sent to you today and return them by the June 25th deadline. If you miss the deadline, applications for CarShare or preferred parking can be obtained later from Room 131 in the North Administration Building or by calling extension 6998.

Tran presented Wise Owl award

Several months ago, Phat Tran and a maintenance crew were replacing a 180-volt breaker in the VCM unit. As Tran worked on the breaker, the circuits suddenly crossed. There was a blinding flash as the breaker disintegrated, splattering him with molten copper.

Tran jumped from the ladder he was working on and rushed to the control room, where he covered his face with a wet towel and waited for the ambulance. He was taken to Clear Lake Hospital and treated for burns on his face, neck and arms. But Tran's injuries could have been much worse if he had not been wearing the proper safety equipment — high-voltage gloves, a hard hat, and most importantly, his safety glasses.

Continued on page 4



Phat Tran, Maintenance South, left, receives the national Wise Owl Award from electrical foreman Larry Enderle, right, for his conscientious use of eye protection on the job.

SCORA campers spend spring trip at Pine Ridge



These gentlemen were in the midst of some serious relaxing during SCORA's spring camping trip at Pine Ridge Campground. From left to right are Lynn Williams, Elmer Williams, and Eugene Novosad.



A picture postcard from beautiful Pine Ridge Campground, the setting for the spring SCORA camping trip.



Chef Doc Laskie took care of the SCORA barbecue at the camp pavilion. Spectators called his performance "sizzling."



This bathing beauty with the shy smile is actually Kristy Laskie, daughter of Doc Laskie, Maintenance South. She was just one of a number of little people who accompanied their parents on the annual camping trip.



Photos by Ed Olivier

Anniversaries



R. D. Appleby
Pressure Equip.
35 years



James Ford
Lube C
35 years



T. Rocha, Jr.
Auto Equip.
35 years

DPMC clerk cooks up award-winning recipe

Annabelle Nava, a clerk in East Operations, recently won first place in the desserts category of the 1982 Southern Living Cooking Show. For her "Pan de Polvo" (Spanish-powdered cookies), Nava won \$50 in grocery gift certificates and had her recipe published in a commemorative cookbook distributed by Southern Living Magazine.

There were six categories, including main dishes, vegetables and salads. Nearly 2,000 people entered the two-day contest, held at the Astroarena.

Since Nava's recipe sounded so good, we decided to reprint it so that others could try it.

Pan de Polvo

- | | |
|---------------------|-------------------------|
| 1½ cups sugar | 8 pkgs. cinnamon sticks |
| ¼ teaspoon salt | 3 teaspoons anise seeds |
| 6 pounds flour | 1 pkg. yeast |
| 3 pounds shortening | 6 cups sugar |

Put 6 pkgs. cinnamon sticks in blender one by one and chop fine. Put 6 cups sugar in blender one by one and grind until powdered. Mix chopped cinnamon and sugar together. Set aside in a big dish. Use this to coat the cookies when you take them out of the oven. Coat the cookies while hot.

Boil in 3 cups of water, 2 pkgs. of cinnamon sticks and the anise seeds, making a strong tea. Pass through a sieve and reserve 2 cups. Combine hot tea with 1½ cups of sugar, salt and yeast. Stir until dissolved then set aside to cool. Mix Crisco and flour together, adding flour a little at a time. Mix very well. Add tea to this and mix very well.

Preheat oven to 375 degrees and bake cookies at 350 degrees for 8 to 10 minutes. Cookies will remain white on top and brown on bottom. Use small cookie cutter for best results. Coat cookies with sugar and cinnamon mixture.

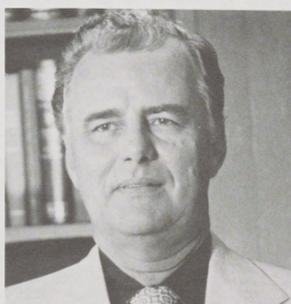
Retirements



J. L. Lemons
Maint. North
39 years



W. P. Polson
Distilling
33 years



E. E. Wilhelm
Maint. North
28 years

The Strategic Petroleum Reserve:

*Is the world's largest oil stockpile
the nation's sunken safeguard?*

Deep below the earth's surface, in cavernous salt domes in Texas and Louisiana, lie what politicians and energy experts alike hope will protect the United States from oil supply disruptions in the future.

The Strategic Petroleum Reserve (SPR), the nation's stockpile of underground oil, currently holds about 250 million barrels of oil. The reserve is being developed to help meet consumer demand if an interruption of imported oil — like the 1973 Arab oil embargo that caused mile-long lines at gas stations — occurs again.

Largest oil stockpile

The SPR is the world's largest oil stockpile, worth some \$8.5 billion on the market. But it means much more to the U.S. in terms of economic security.

The 250 million barrels currently in storage would last about six weeks if it were used to offset a total cutoff of imported oil. But it would last nearly a year to offset a temporary interruption, like that which occurred during the Iranian crisis in 1979. The oil also would be available during periods of war or national disasters.

Nearly all the SPR oil is stored in underground salt caverns. The caverns are created by leaching out the salt with fresh water; after the brine is pumped out, the oil is pumped in (see diagram). To remove the oil, brine is pumped back in, driving the oil to the surface. It sounds easy, but it takes three years to create a single cavern that can hold 10 million barrels of oil.

The reserve caverns are scattered along the Gulf Coast of Texas and Louisiana, including at Bayou Choctaw near Baton Rouge, and at Bryan Mound, south of Houston. A new SPR cavern is planned at Big Hill, Texas.

2 billion barrel goal

A great deal of fanfare surrounded the loading of the 250th million barrel into the SPR, but the government is a long way from its goal of 750 million barrels by 1990. The ultimate goal for SPR capacity is two billion barrels, which would not only protect U.S. interests against oil interruptions, but also give the president more flexibility in foreign affairs.

The reserve was authorized by Congress in 1975 as the country was still smarting from the Arab oil embargo. Oil began flowing into the SPR in 1977, but the Iranian crisis temporarily disrupted U.S. oil purchases for the reserve.

President Reagan's 1983 budget calls for \$2.3 billion for the SPR — \$2.1 billion for oil purchases and \$2 million to expand SPR salt domes. Congress was even more generous; it appropriated \$3.7 billion for the SPR in the 1982 and 1983 fiscal years.

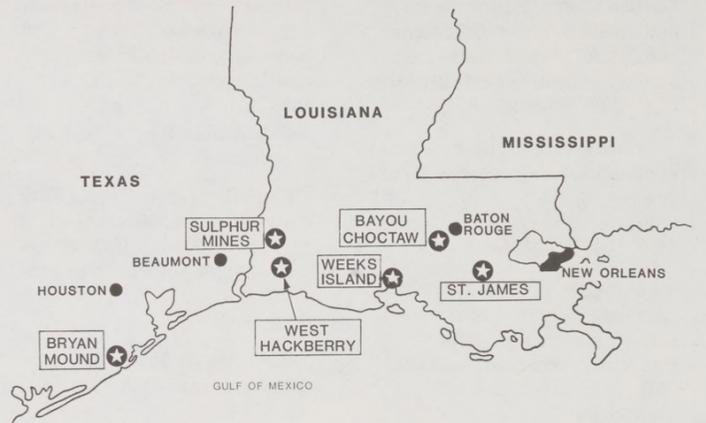
Despite Congress' willingness to finance the project, SPR oil purchases may slow to a trickle based on a simple lack of space. The Gulf Coast salt caverns are near capacity, limiting future acquisition. There is a great deal of pressure to expand the SPR facilities now, while there is a world surplus of oil and prices have declined.

U. S. security blanket?

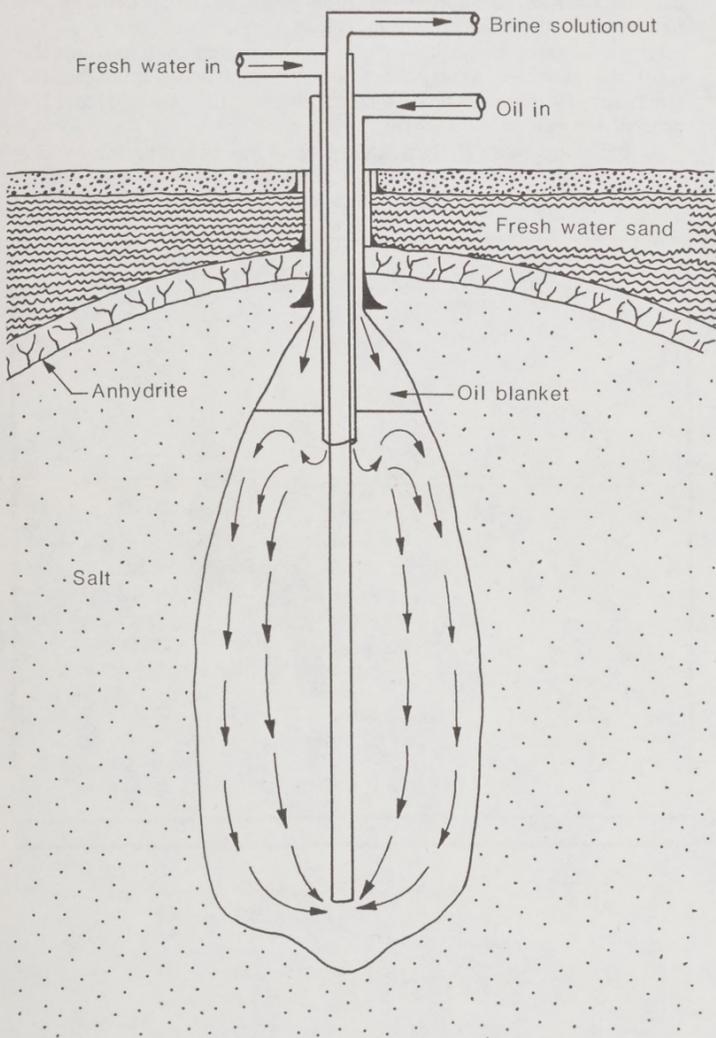
While plans are laid to expand the SPR, politicians are debating when to use — and how to use — the stockpiled oil. So far, discussions have centered on whether to use the SPR for severe supply disruptions, or for broader purposes, like helping boost the economy by stabilizing oil prices. The Department of

Energy is currently analyzing the possible uses of the SPR.

While the debate continues, more oil is sunk into the SPR. It provides us with a security blanket, but that reassurance is tempered by the indecision in Washington. Even though the SPR was initiated during the Carter Administration, there is still no firm policy on when it should be tapped and by how much.



The SPR system stretches from Houston to New Orleans in a narrow band along the Gulf Coast. More salt domes are planned in the area.



This illustration shows a cross-section of a salt cavern. The arrows point out the steps during the leaching process, as fresh water is used to push the brine out and allow space for oil storage.

Creative kids can spur safety awareness in DPMC poster contest

The 1983 DPMC safety poster contest is drawing to a close. The June 30th deadline falls next week, so there's not much time left to submit a safety poster for the contest.

The annual poster contest is an ideal way for your children to express their creativity, and learn valuable lessons about safety. Not to mention a chance to win a \$100 savings bond.

The contest is open to all children and grandchildren of DPMC employees. The prizes will be based on age groups: six and under, seven to 10, 11 to 13 and 14 to 17. The winners and honorable mentions will have their art work and personal pictures displayed in the 1983 DPMC safety calendar.

The 12 grand prize winners will each receive a \$100 savings bond, while those earning an honorable mention will receive a \$50 savings bond. But there are no losers in this contest — every child will receive a certificate of participation.

This year's theme is "Safety For All Sizes and All Seasons." Kids can submit a poster for each season of the year, but each contestant can win only one prize.

Posters should be submitted to the North or South Safety Departments by the June 30th deadline. Help your child acquire a healthy awareness for safety today.

Utilities South Safety Dinner



Tom Jasek, foreman, Utilities South, and his wife, Edith, chatted before dinner as they relaxed at the annual Utilities South safety dinner.



During dinner, Ovie Kennedy, operations supervisor, right, presented an award to operator Rich Cervi for successfully completing the "Supervising for Safety" course.



Robert Ortiz, an operator at Utilities South, and his wife, Diana, joined a number of folks at Lynchburg Crossing Restaurant for the recent celebration.

Classifieds

FOR SALE

1975 Mustang II. V-6 with automatic, air conditioning, AM-FM eight-track. Fastback. Good condition — only very minor repairs needed. \$1,000.

1978 Honda Hawk Hondomatic. 400 cc. Excellent condition — only 1,800 miles. \$900. Call 998-0959 after 5 p.m.

1977 Hondamatic. Good condition. \$1,400. Call 422-3696.

1973 Volkswagen Bug. Air conditioning, new tires and battery. Very good shape — over 33 miles per gallon. \$1,650. Call 328-5684.

1971 Chevrolet Impala Custom Coupe. Power steering and brakes, air conditioning, automatic. 84,000 miles, one owner. Excellent condition. \$895. Call 486-8081.

1970 Maverick. Two-door six-cylinder automatic. Disc brakes, solid body, good upholstery. Good second car. \$450. Call 331-4384.

Four 11-78-15 mud grip tires with four 15 by 8 wagon wheel rims. Four beauty ring tires that fit Chevrolet trucks. \$200. Call 479-2268.

House for sale by owner in Fairmont Park. Three bedroom, two-bathroom, two-car garage. Equity and assume eight percent VA loan. Payments \$396 a month. \$62,000. Call 470-0264.

25½ acres in Ouachita Mountains in western

Arkansas. Large two-story brick home, three bedrooms, two-car garage. Carport, central heat and air, fireplace with heatilator. Garden orchard, two 20 by 40 feet masonry utility buildings. Call 1-501-394-5119 or write Rt. 2, Box 293A, Mena, Arkansas, 71953.

Home in Pasadena. Three bedroom, one bathroom, hardwood floors, new paint outside. Low interest and balance — great investment property. Low equity \$9,800. Call 475-5588 before 5 p.m. and 472-8927 after 5 p.m. and weekends.

Lovely old home at 210 Olive in Pasadena. Stable neighborhood, new paint inside and out, hardwood floors. Two bedroom, one bathroom, den, dining room. \$48,500. Call 475-5588 before 5 p.m. and 472-8927 after 5 p.m. and on weekends.

Cemetery lots in Forest Park East. Six spaces. Market value \$2,250 — must sacrifice \$1,800. Call 475-5588 before 5 p.m. and 472-8927 after 5 p.m. and on weekends.

Water-front lot with furnished cabin at Lake Murval. Call 472-6183.

Golf course lot at Hilltop Lakes Resort. \$6,000. Call 475-5588 before 5 p.m. and 472-8927 after 5 p.m. and on weekends.

Utility trailer. 78 inches long by 55 inches wide. Has lights, wiring, chain and locks, spare tire. \$300. Call 944-3789.

Two electric guitars with cases. One guitar amplifier, all of professional quality. Sell together or separately. Call 944-3789.

Baldwin organ. Bravura with rhythm. Includes four self-learning books and registration book. \$1,000. Call 475-8254.

French Provincial sofa in excellent condition. \$125. Call 487-0468.

Coffee table. Italian marble top with solid wood base, oval shaped. Two by four feet, 19 inches high. Excellent condition. \$100. Call 795-4036.

Dining table with six chairs. Mediterranean style. 44 inches wide and extends to 103 inches long. \$500. Call 487-0334.

Two tame parakeets — green female, blue male. Large cage with stand, small cage for traveling. Includes food, toys, accessories. All for \$30. Call 795-4036.

Honey — \$2.50 a quart. Call 473-6529 or stop by 3302 Darling in Pasadena.

Wise Owl . . .

Continued from page 1

"I didn't know what happened when it blew," said Tran, an electrician at Maintenance South. "There was a big fire in front of my face. My glasses were covered with smoke. It was a few minutes before I could open my eyes."

Tran admitted that without his glasses, he may have lost his eyesight. "I'm really lucky I had my glasses on," he said. "If I wasn't wearing them it would've burned my eyes."

Because his eyesight was protected by using the right safety equipment, Tran recently was admitted to the Wise Owl Club of America, a nationally-known organization which recognizes the conscientious use of eye protection in industry. Membership in the Wise Owls is open to any employee whose sight is saved by the use of protective eye equipment.

Don't give safety a summer vacation

Every year, we all look forward to our vacations. We can relax with our family and escape the workaday worries — even if for only a week or two.

While you prepare for your vacation this year, why not take a moment to plan for vacation safety, too. Sometimes we're so eager to get and be gone we overlook a few basic safety rules that would help us have a better — and safer — time while we vacation.

Leave your house key with a neighbor in case of emergencies. If your neighbor agrees to keep an eye on things, it might be possible to turn off some utilities.

An empty house is conspicuous — a morning paper on the lawn, drapes shut tightly. When you leave, stop all deliveries, and perhaps leave a drape open. An electric light timer is a great device; it can turn on and off your lights (or stereo) several times during the day. And naturally, make sure you lock your doors and windows before you leave.

A quick car check-up should be done before you leave if you're facing a long trip. Make sure the tires and shocks are in good shape, and check your lights, turn signals, brakes, battery and windshield wipers, too.

It's also smart to carry a first aid kit and a vehicle emergency kit when you travel. Your auto emergency kit might include flares, handy tools like screwdrivers and wrenches, jumper cables, a flashlight, and duct tape for hose repair. You should also carry a spare quart of oil and some water. Last but not least, check your spare tire.

Once you're on the road, keep your mind there. Don't drive when you're tired; stop and rest frequently during long trips or switch drivers. The radio can add some company, and you can provide games for children if they add a bit too much company.

If you must stop on the highway for an emergency, pull well onto the right-hand shoulder. At night, turn on your inside lights, tail lights and emergency flashers. If you need help, raise a white cloth and leave the hood of the car up.

By following some of these safety tips, you and your family can enjoy a happy, healthy vacation. Remember, your vacation comes once a year, so don't spoil the fun by giving safety time off.



Provident Fund



The Provident Fund valuation is as follows:

Equities Fund
April 30 - \$3.889
Shell Stock Fund
April 16-30 - \$36.253

The Shell Employee Stock Ownership Fund valuation is:

April 16-30 - \$36.327



Vodice Ware

The Shellegram is published each week for the purpose of informing and recognizing pensioners and employees like Vodice Ware. Vodice, an electrical foreman at Maintenance North, has been at DPMC since July of 1975.

John P. Abbott
Editor
Extension 6301
N. Cafeteria

Shell Oil Company
P.O. Box 100
Deer Park, Texas
77536


Shellegram
Deer Park Manufacturing Complex