

From Singapore to Wood River:

Visitor comes to Complex to discuss environment

The Wood River Complex doesn't often get visitors from as far away as Singapore, but June 11 was the exception to the rule.

Mr. Harry Yip Kuan, an engineer from the ministry of the environment in Singapore, visited the Complex to discuss Clean Air Act programs for control of nitrogen oxides and hydrocarbons.

Mr. Yip was greeted by Complex Manager Art Williams before sitting down for discussions with Chuck Walls, manager Quality Assurance and Environmental Conservation, and Larry Bredson, technical manager, process engineering.

Yip's duties in Singapore include enforcement of air pollution regulations and review of new source construction for air pollution controls. He is visiting major oil refinery and petrochemical centers in the United States under sponsorship of the World Health Organization with an aim of learning about air pollution control techniques he can then take back to Singapore.

Yip's visit to the St. Louis area was coordinated by the St. Louis Council on World Affairs, an educational, non-partisan, not-for-profit organization that serves as a forum for speakers visiting from foreign countries.

Application for visits through the World Health Organization is made through the American embassies abroad. If approved, grants are made for 30, 60 or 90 days of study in the United States. Yip was in the United States on a 30 day visit.



Harry Yip, a representative from Singapore, shakes hands with Complex Manager Art Williams as Chuck Walls, manager Quality Assurance and Environmental Conservation looks on. Mr. Yip's escort is at far left.

1,500,000
hours and counting.
Keep up the good work!



Wood River
Review



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Safety thoughts for sunny summer fun

Summer can be a welcome change, especially after a long, cold winter. But if the potential dangers of summer heat are not recognized, it can create problems on and off the job.

Heat tends to promote accidents from things like sweaty hands, dizziness, fogging of safety glasses, lowered physical performance and lowered mental alertness.

Increased body temperatures also promote irritability, anger and other emotional states which sometimes cause people to commit rash or careless acts, or to divert attention from tasks.

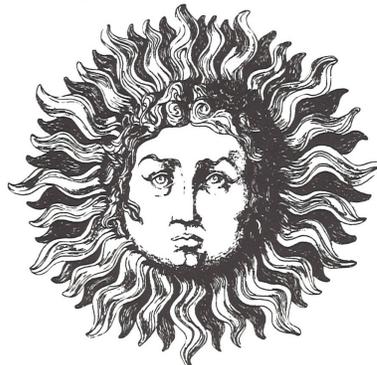
Knowing these potential hazards will help us control our environment rather than the environment controlling us. Some things to consider:

- Gradually adjust to heat waves. Adjust your pace during the first hot days of the season. After several days, you'll be able to do more with less strain.
- Break up heavy activities with more frequent rests so the body has an opportunity to get rid of excess heat and slow down heat production.
- Drink enough water to replace body fluids lost by perspiration. Thirst is not a good indicator of how much you need, so drink fluids every 15 to 20 minutes during heavy perspiring.
- If you work and live in an air-conditioned environment, be especially aware of weekend, outdoor activities during heat waves.

Understanding how our bodies handle heat can help us take care of ourselves better. Humans are warm-blooded, which means that regardless of external conditions, our bodies maintain a fairly constant temperature. The human body, like a furnace, burns fuel and manufactures heat. To keep internal temperatures within safe limits, the body must get rid of its excess heat.

Under moderate temperatures, the brain keeps tabs on body heat and takes measures to adjust body temperature if it exceeds 98.6 degrees. The heart begins to pump more blood through the bundles of microscopic blood vessels (capillaries) which thread through the upper

THINK
SAFETY



layers of the skin. Blood circulating closer to the surface of the skin allows excess heat to be lost into the cooler atmosphere.

If enough heat cannot be released through the capillaries, the brain signals the sweat glands in the skin to shed fluid in the form of perspiration.

Normally our bodies can regulate heat through increased circulation and sweating, but as environmental temperatures approach normal skin temperatures the job becomes tougher. High humidity compounds the problems by not allowing the perspiration to evaporate.

When the body is working extra hard to handle excess heat, activity becomes more strenuous. With so much blood going to the external surface of the body, relatively less goes to the active

muscles. Strength declines, and fatigue comes sooner than it would otherwise. People who perform delicate or detailed work may find their accuracy suffering. Those who must assimilate information may find their comprehension and retention lowered.

If the body's cooling mechanisms are overburdened, heat stroke (hot, dry, red skin), heat exhaustion (clammy, moist, pale skin) and heat cramps (painful spasms) may result. The following are first-aid suggestions for heat related problems.

Heat stroke is life threatening. Dizziness, nausea, severe headache, hot dry skin, high body temperature, confusion, collapse and coma are the signs and symptoms. Cooling needs to be started immediately. The person should be removed from the heat. Wrap him or her with wet sheets, give a cool bath, cool with fans or with a water spray. Get medical help immediately.

Heat exhaustion may result after several hours of physical exertion in a hot environment. Signs and symptoms include paleness, weariness, dizziness, excessive sweating, clammy skin and fainting. First-aid is aimed at replacing body fluids and cooling the body. You should remove the person from the heat. Loosen clothing, fan, wrap in wet clothes and take to air-conditioned area if possible. Give the person sips of water.

Heat cramps may occur after prolonged exposure to heat, heavy sweating and inadequate replacement of salt. The abdomen, leg or arm muscles go into painful spasms. First-aid directions are the same as for heat exhaustion, plus massaging the cramped muscles.

It is important to understand heat-caused problems and prevention so that our summers can be spent safely. To have fun in the sun, just remember to Think Safety.



Shell shorts

Complex wins national safety award

The safe operations of the Wood River Manufacturing Complex were recognized by the National Petroleum Refiners Association during the trade group's 80th Annual Meeting in San Antonio.

At a special presentation ceremony, NPRA Board Chairman, Robert H. Chitwood, presented the NPRA's Meritorious Safety Performance Award to W.G. Eddleman, Vice President-Technical Products. The award is given in recognition of an exceptional record of safe operations.

Meritorious Safety Performance Awards, citing various facilities for achieving a total recordable incidence rate of 2.0 or less for the 1981 calendar year, were presented to 15 refineries and plants operated by NPRA member companies.



NPRA Board Chairman, Robert H. Chitwood, presents an award to Shell's W.G. Eddleman.

Owners of lost wedding bands sought

In the process of sweeping out the lost and found area for Operation Clean Sweep, the Employee Relations office has come across several wedding bands lost by employees. They would like to see the rings returned.

Anyone who has lost a wedding band and can identify it should call Employee Relations at ext. 2763.

Assignment: story ideas for the Review

The Review is looking for help from you, the reader. We need your input to come up with story ideas of interest to you and other readers. We're looking for news stories, feature stories and personality stories.

In particular, we are looking for story ideas for our "In Community Service" series, designed to spotlight employees working in service to their communities.

Any thoughts, comments or suggestions should be forwarded to the editor, room 110, Main Office.

Classifieds

Boat. Tom Sawyer, deep "V", 16', 120 HP, I/O, fully equipped, extra water skis, life jackets. Call Rick Ralston at ext. 2783, or (618) 667-2747.

Wheels and Dryer. Used tires and wheels from 1975 Ford F100 pickup truck. General Electric clothes dryer. Call Jim Brendle, 288-7657.

House. Split foyer, brick and frame home, located at 2500 Ollie Street in Alton, three bedrooms, 1 1/2 baths, living room, family room, kitchen/dining room, laundry room, central air, gas heat, wall-to-wall carpet, 75'x150' lot, \$42,000. Shell Credit Union members can assume loan at 9% percent, for more information call Shell Wood River Credit Union, 254-0605.

Misc. Class IV trailer hitch-Reese, fits Merc/Ford. Engine oil cooler fin/donut. Equalizer bars/head 500 pounds. Air shocks, 1976 Merc/LTD. Trailer mirrors, two sets. Call Jim Grizzle, 259-0258.

Car. 1981 Mustang, six cylinder, four-speed, 12,000 miles, air conditioning, Am-FM stereo cassette, tilt wheel, power steering and brakes, Ghia interior. Call Dave Daniel, (618) 377-0172.

Trailer hitch. Will fit 1976-78 Cadillac El Dorado. Also, ladies form fit ski vest, size 36. Call Jim Sauerwein, 377-6347.

Mobile home. 1974 Fairmont, excellent condition, 12'x60', two bedroom, full bath, central air, electric range, dishwasher, refrigerator, can stay in mobile home park, \$7300. Call Brett E. Miller, 288-9414, or ext. 2420

Organ. Hammond-N, built-in speakers, reverb, beautiful condition, unlimited settings, some sound effects, list price \$989 - asking \$850. Call Gloria Robbins at 462-1491 or 465-6807.

Free. Classified ads in this section are printed free of charge for all Shell employees and pensioners. Mail your ad to the editor, Main Office, or call ext. 2168.

WOODY & CLYDE



In remembrance



R. G. Ball



D. Z. Harris



D. Maddalon



C. McReynolds



O.A. Yann

Robert G. Ball, 78, died April 21. Mr. Ball was a brickmason in Engineering Field before his retirement in 1963.

Dean Z. Harris, 66, died April 30. Mr. Harris was an engineering foreman in Maintenance before his retirement in 1978.

Dave Maddalon, 65, died April 19. Mr. Maddalon was a pipefitter in Maintenance before his retirement in 1979.

Chancy McReynolds, 86, died April 30. Mr. McReynolds was a truck driver in Engineering Field before his retirement in 1959.

Orville A. Yann, 81, died April 26. Mr. Yann was a yardman in Engineering Field before his retirement in 1963.

Retirements



George Blackston
Dispatching
32 years



Norman Hubbard
Maintenance
28 years



Leo Kunz
Quality Assur.
36 years



George Murray
Maintenance
30 years



Fred Sackman
Maintenance
34 years



Roy Stotler
Maintenance
31 years



Jules Weshinsky
Maintenance
35 years

Anniversaries



Dale Brueggemann
Engineering
35 years



Jim Early
Lube-LF&E
25 years



Monty Heffner
Maintenance
30 years



Bob Wright
Maintenance
35 years

Operation Clean Sweep cleans up

Operation Clean Sweep may be officially over, but the spirit of the spring cleaning program lives on.

Not only is the Complex noticeably cleaner and better organized, but several areas are displaying flags that show an "E" for excellent cleaning jobs.

The Financial and Gas departments were awarded flags this month, joining the ranks of employees from Sulfur and Aromatics East who have already received Clean Sweep flags. The awards give special recognition to outstanding cleaning jobs.

A lot of cleaning was accomplished this spring, as evidenced by the amount of trash that was thrown away in the process.

Approximately ten small and two large dumpsters of trash left the Main Office when offices were moved a few weeks prior to the beginning of Operation Clean Sweep. That amount of trash is enough to fill a small house, 20' x 30' x 8', or a total of 160 cubic yards.

Enough scrap metal and lumber to fill 23 railroad cars, or 500 tons, were removed from the Complex during Clean Sweep. That's equal in weight to about 330 average size automobiles.

Two hundred dumpsters of trash from other areas of the Complex were added to the pile — enough to fill two average size houses floor to ceiling.

In addition, 140 boxes of files were moved to storage. That's equivalent to 93 legal size drawers, or about 5,600 pounds of files.

There's no doubt in anyone's mind that Operation Clean Sweep has been, and will continue to be, a success. And although department coordinators and steering committee members did an excellent job, the job could never have been done without everyone's help.

Everyone's help is needed to keep the Clean Sweep ball rolling. Now that everyone has had a chance to get their areas straightened away, it should be easy to continue good housekeeping habits that will keep the Complex clean and safe.



Above, Bill Carr, manager Utilities and steering committee member, presents a Clean Sweep award flag to Al Slivka, representative from Financial. Right, Gas department representatives receive award flag from Bill Deubner, manager Purchasing and steering committee member. They are: Tom Chaffee, Brad Huffman, Louis Nepute, Tim Merideth, Don Erzon, Deubner, Mark Leitner, Bob Hartsock and Jerry Duncan.



SRA golf news

Only 1.63 points separates the first and fourth places as the SRA golf league moves into the second half of the season, with several tournaments coming up in the next few months.

The annual Match Play Tournament will be starting Aug. 2. The Championship Flight will be scratch this year, meaning there is no handicap. The flight will be open to everyone. There will also be handicap flights A, B, C and D if enough entries are received. To be eligible, a golfer must have played in at least two league matches this year.

The second four-company industrial tournament will be held Aug. 28. This tournament involves 12 players each from AMOCO, Laclede Steel, Olin and Shell.

The golfers from Shell will be chosen according to their average score for the entire season. Two league matches must have been played to be eligible. Each player will be responsible for their expenses, paid in advance.

Entries for Match Play Tournament must be sent to Jack Kornegay by July 9 and must include name, plant phone number and either home address or phone number.

Anyone interested in playing in the industrial tournament should contact Jack Kornegay at ext. 2157.

The results of the Golf Day Tournament, held June 5 at Cloverleaf Golf Course in Alton, are as follows:

Low Gross	Score
Jim Maynard	71
John Urban	71
Noah Everett	73

Low net (handicap)	Score
Don Schroeder	71
Jack Cherry	74
Bill Fite	79

Closest to the pin on hole #3	Distance
Rich Gerth	7'11"
Jim Seekamp	11'4"
Leo Cox	17'0"

Longest Drive on hole #5

John Urban
Gary Whyte
Larry Lochart

Best effort	Gross	Handicap
Donna Klunk	209	168
Ron Bryan	139	114

Shell chili cookers simmer for charity

Irv Doty, Technical Superintendent, gingerly lifts the wooden spoon to his lips and blows on it before putting it into his mouth. He shuts his eyes as he contemplates the substance one last time. He smiles; his eyes pop open.

"This is it. This is the judges' chili," he proclaims.

For the true test he passes a spoonful to his consultant, Hector Sotelo, manager procurement-Purchasing. Sotelo tips back his large sombrero and tastes.

"Hey Babes — we're there! We got it! We got it!" he shouts, raising a clenched fist in victory.

The other members of the Good 'Ole Boys Chili Cooking Team cheer, raising their glasses in tribute to what they are sure will be the prize winning chili in the cookoff for the Illinois Lung Association and the Missouri Kidney Foundation, held at the Edwardsville Moose Lodge. There's Steve Franke, manager Distilling/Gas, Roger Romani, Maintenance, Gary Miller, superintendent-operations LOP, J.I. Smith, process manager Aromatics East, Dave St. John, EOS, and Tony Calcaterra, Maintenance manager.



Chief chili cook Irv Doty gives Tony Calcaterra a taste of the judges' chili as fellow members of the Good 'Ole Boys team, Steve Franke and Hector Sotelo, look on.

The Good 'Ole Boys were one of twenty-six chili teams who stirred and simmered chili for 3½ hours at tables set up about the lodge's lawn.

Each team donated their time and the chili ingredients to the charity effort. The public was invited to attend the cookoff and test the chilies. Donations were taken at the entrance and at each cooking station.

According to the rules, the fires were lit under the chili pots at noon and at 3:30 p.m. a sample of the product had to be delivered to the judging station, where a panel of judges awaited.

Too many cooks can spoil the chili, so the Good 'Ole Boys wisely leave the final cooking to the "Spice King," Doty.

"We're like General Patton and his army; we



J.I. Smith keeps the chili stirred with a wooden ax handle as Gary Miller dishes up a cup full of the mixture.

just do what we're told," explained Romani, gesturing toward Doty tending the pot.

The chief chef's spoon never stays still for long. He constantly stirs the mixture cooking in a cast iron pot on a tabletop burner. Every so often he stops to taste, then offers a taste to one of the Boys for consultation.

"What do you think?" Doty asks, studying the face of the tester.

"Add more chili powder — just a bit."

"Don't play with it. Leave it alone."

"Needs more aardvark meat."

The Good 'Ole Boys have a good 'ole time creating their chili. This was their third cookoff. They came in 11th out of 25 and 29th out of 114 their first two outings. This time they're going to be number one.

"We've worked the recipe out over a matter of years on the Good 'Ole Boys' home computer, explained Doty, his voice taking on a deadly serious tone. "We've written a linear program to optimize the taste and consistency."

Everyone brings one ingredient to put into the pot. No one except Doty knows everything that goes in. "It's like Coca-Cola. It's a secret recipe that only a few know all the parts to," Doty explained.

"Should I tell her about the lizard now?" interjects Calcaterra. He doesn't wait for an answer.

"See, the secret is the lizard. You gotta drown it first, then resuscitate it," said Calcaterra. "It's very important that you hold it under for just five minutes. If you hold it under too long, you gotta get a new lizard."

"We skin the snake before we put it in," says Doty, interrupting to display a snake skin.

"Did you explain about the aardvarks? You gotta have aardvarks," says Smith.

Calcaterra approaches with a white plastic bowl filled with pineapple. "Try some of our secret ingredient," he urges, extending a forkfull of fruit.

The Good 'Ole Boys actually have two kinds of chili cooking. In the small pot is the judges' chili. In a converted Speed Queen washer is a 15-gallon batch for the public.

"You have to keep stirring this all the time," Smith directs Miller. "That's what makes it good. It's six stirs a minute — three clockwise and three counter-clockwise."

The washing machine has been rigged with a propane heater and a stainless steel pot. The mixture is stirred with an ax handle that has holes drilled in it to let the beans pass through.

The washing machine full of chili catches a lot of attention. "This machine was owned by a little old lady in Staunton who only washed on Sundays," Smith explains to a passer-by.

At 3:30 p.m. the judges' mixture is carefully ladeled into a carton and carried by Doty into the judging station. An hour later, the announcement is delivered.

Doty anxiously awaits the decision behind the table. The Good 'Ole Boys are all around him and all are listening intently as the judges begin the list with the eighth place winner. They don't have long to wait. The Good 'Ole Boys come in seventh.

Doty shakes his head in disappointment, but the Boys are not to be discouraged.

"That's better than we did last year," says Smith, clapping Doty on the back. "We didn't even get our name read before," adds Calcaterra.

"We're movin' up," says Doty, brightening. "Just wait till next year!"



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