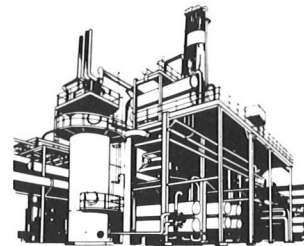




WOOD RIVER REVIEW

WOOD RIVER MANUFACTURING COMPLEX



VOL. 48, NO.9 SEPTEMBER, 1985

Complex kicks off United Way campaign

Now we need each other even more



September 17 marked the kick-off of the River Bend United Way campaign. **Bill Durland**, Complex manager, presented **Jack Blair**, president of River Bend United Way, with the Complex's corporate contribution for \$94,000. **Ron Cambio**, the Complex United Way campaign chairman, **Curley Ellis** and **Harold Lynn**, the Complex United Way co-chairmen and **Durland** attended the kick-off luncheon held at the Alton Expo.

The Complex United Way campaign is set for October 14 continuing through October 25. Employees will receive information regarding United Way services and agencies, a letter and a pledge card. This will be the only form of solicitation employees will receive due to the Complex's heavy workload with Major Projects.

In the past, many Complex employees have elected to contribute to the United Way through the 'continuous card'. Contributing in this method allows employees to designate a percentage of their hourly income or a specific amount which is then deducted from



Ron Cambio, United Way campaign chairman and Curley Ellis and Harold Lynn, campaign co-chairmen combine efforts to kick off this year's United Way campaign. Last year Complex employees contributed \$90,000 to the United Fund.

their paychecks. One time donations are also certainly welcome.

Employees also have the option of specifically designating which agencies they would like their donations to be directed to. If an employee chooses not to designate his or her contribution the

money is directed to the United Way agency that is in the greatest need of funds.

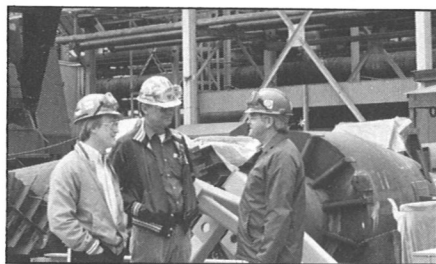
If you have any questions regarding the continuous card system call **Dotty Taylor**, Employee Relations on extension 2212.

Catcracker II shutdown for maintenance

"The Catcracker 2 shutdown represents a tremendous amount of work, but, everyone is highly motivated and looking forward to being a part of it," says **Dan McNeill**, process manager - Cracking.

The CCU2 shutdown, that began September 19 will last approximately 67 days while MPO and major maintenance revisions are made on the unit. The shutdown will incorporate the efforts of most of the Complex's support organizations including Inspection, EOS, EP&S, Environmental, Financial, Safety and of course, Maintenance.

The major portions of the maintenance revisions include replacement of the regenerator fire tile, reactor cyclones, slide valves and a portion of the



Catcracker shuts down...Catcracker 2 is shutdown for extensive Maintenance and MPO revisions. (Left to right) Karl Yeager, Jim Hale and Howard Green, coordinators of the Catcracker 2 shutdown, work diligently with Complex employees to ensure the shutdown runs as on schedule and as expected.

feed risers. The MPO segment of the shutdown will include replacement of the current motor on the wet gas compressor and installation of two variable speed drive motors on the blowers. Installation of the variable speed drive motors, each approximately 3600 horsepower, are intended to increase the overall efficiency of CC-2 and net the Complex an annual savings of approximately \$1 million on utility costs.

Additionally, CC-2's present computer system will be replaced with a larger, faster computer system capable of controlling more operations. Operators will be trained to use the touch-sensitive screens during the shutdown.

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Magnino, Shell retiree saves life

John Magnino, A WRMC retiree, just happened to be in the right place at the right time.

On September 19, Sherry De-Laurenti, surprised three masked men as they were burglarizing her home. The three men tied up DeLaurenti and proceeded to spread gasoline throughout the house. The burglars took De-Laurenti's jewelry, an undetermined

amount of cash and, as they left, set her house on fire.

As Magnino and his wife returned from an errand Mrs. Magnino noticed smoke coming from the DeLaurenti's home. Magnino went to investigate and heard cries coming from inside the blazing house. He then broke a window and climbed in and found DeLaurenti overcome by smoke, bound and lying on the

bedroom floor. Magnino carried her for approximately 50 feet to safety. De-Laurenti's house which is located in an isolated area about one mile northwest of Eagerville, Illinois was completely engulfed by flames when the Gillespie Fire Department arrived.

Magnino was a yardman for WRMC until he retired in 1984.

Shell companies foundation scholarships

The Shell Companies Foundation is accepting applications for its 19th Shell Companies Scholarship Competition. The competition is designated for children who will complete high school in 1987 and enter college in 1987. All phases of the competition will be handled by the **National Merit Scholarship Corporation (NMSC)**.

Those eligible to compete must be the son or daughter of a full-time, retired or deceased Shell employee. Eligible students must:

1. Be a citizen of the United States or intend to become a U.S. citizen as soon as he qualifies to do so.

2. Be enrolled full time in a secondary school and making normal progress toward meeting the requirements for graduation or completion.

3. Plan to attend a regionally accredited U.S. college or university upon completing high school and to enroll full time in a course of study leading to one of the traditional baccalaureate degrees.

4. Take the PSAT/NMSQT at the proper time in the high school program, regardless of grade classification.

Each Shell Companies Scholarship is a renewable award, covering up to four years of full-time study or until baccalaureate degree requirements are completed, whichever occurs first. The amount of the stipend accompanying the scholarship is determined by **NMSC** and related to the family's financial situation and the costs of attending the college of the winner's choice. The maximum amount that may be awarded to a winner is \$4000 per year; the minimum stipend will be \$1000 per year.

Appropriate entry forms may be obtained through the Employee Relations office. Completed entry forms should be mailed to:

Scholarship Competition

Shell Companies Foundation, Inc.
Two Shell Plaza
P.O. Box 2099
Houston, Texas 77001

NMSC will confidentially notify scholarship winners and their high school principals of their awards during March and April of their senior year. In April, their names will be announced publicly. Later their scholarship certificates will be presented.

Good Luck!

1985 Shell pensioners dinner



Elvin Haynes, manager Pensioners Services in Head Office was guest speaker at the annual dinner which draws Wood River retirees from across the nation.



1985 Eighty and Over Retirees



Joe Lanzerotte, board chairman of the Wood River pensioners, addressing his fellow retirees.



Wood River retirees helped plan the Pensioners Dinner and as always it was a huge success!

MPO reaches a midpoint

The Major Projects are still making headway and have reached a 'Midpoint' in the overall program.

WRMC employees, assigned to MPO and run and maintain groups, are looking forward to the heavy shutdown schedule that lies ahead for the remainder of 1985 and the first half of 1986. Adjustments in the original shutdown schedule of two projects has left the original 1983 MPO work schedule somewhat altered.

This fall, MPO is involved in a couple of major efforts including the start-up of the refurbished SMR (Steam Methane Reformer) Unit and some major compressor motor changeovers in the Catcracker 2 shutdown, according to **Jim Steller**, Engineering Support manager - MPO.

In the spring of 1986 MPO is slated to participate in a significant 'equipment facelift' of revising the fluidized bed reactor to a rise reactor, possibly the most visible MPO work to be completed in the Complex, during the Catcracker 1 shutdown. Concurrently, MPO will be investing a great deal of effort in the DU-1/VF-1 project. MPO will also provide engineering support when the Gas Plant makes its changeover to the Total Distributed Control (TDC) instrument system next spring.

"I can't over stress how important the total combined effort of the run and maintain and MPO organizations will be in successfully completing our full agenda," adds Steller.

"We are also challenged with com-

pleting this work within tight budget and schedule restrictions and achieving improvement in our contractors safety record," adds **Bob Nash**, manager Field Construction - MPO.

Looking back at some of the completed MPO projects, **Dennis Kimpton**, technical manager Operations Support - MPO, explains that all of the units MPO has made minor/major revisions in thus far are performing at design conditions. In fact, the Catfeed Hydrotreater and the Gas Plant Sour Water Stripper revisions are working better than design from an energy savings standpoint.

Kimpton adds that all of the operators

and foremen associated with the SMR start-up will have soon completed their training. The two-week training sessions provided instruction regarding unit operation including safe procedures for start-up, shutdown and emergency situations, etc. MPO process engineers, **Milton Dill**, **Scott Woods**, **Gary Kindt** and **Art Baumgartner**, plus MPO operations coordinators **Dave Chiolero** and **Bob Neil** were primarily responsible for the training.

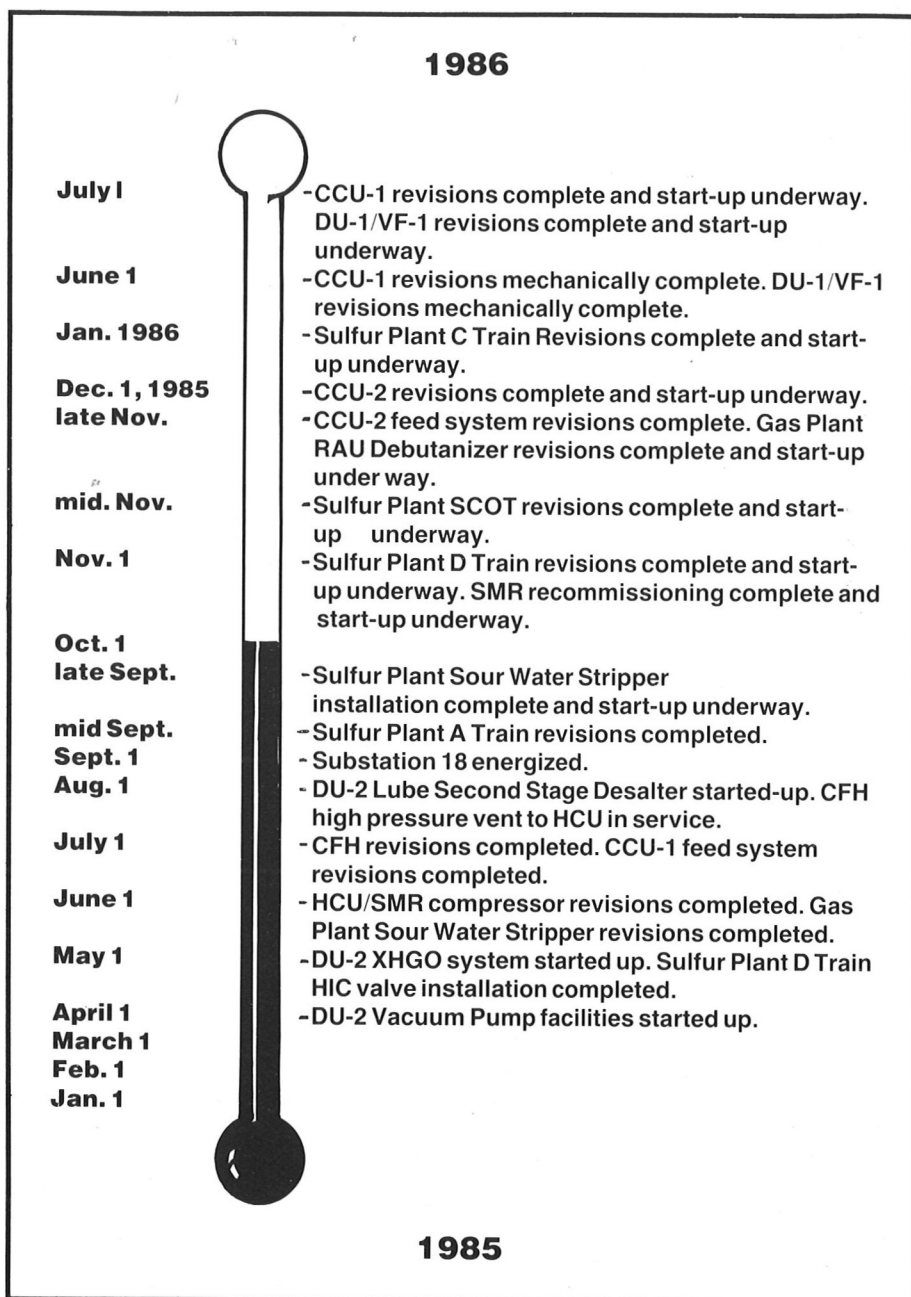
Following is a MPO progress 'thermometer' which outlines the adjusted MPO work schedule:

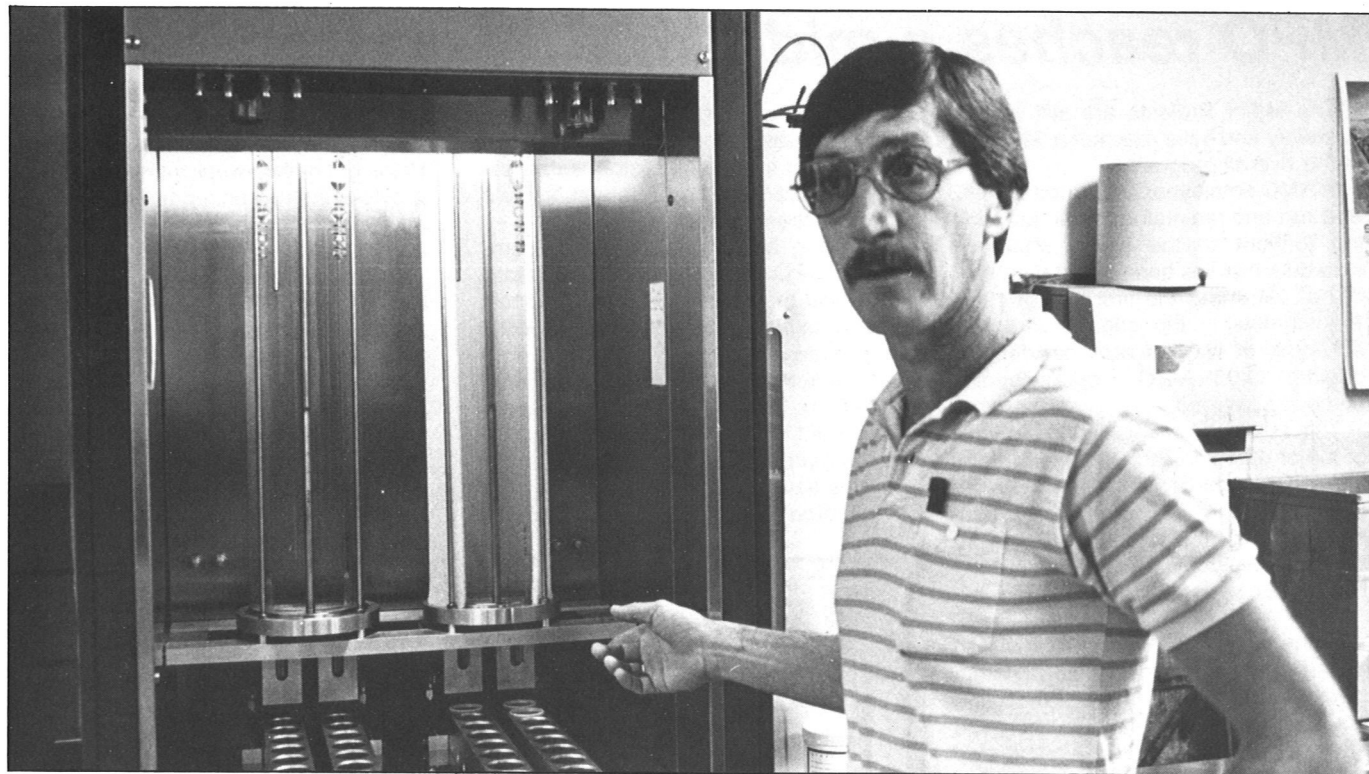
Catcracker II...

continued from page 1

The shutdown will prepare CC-2 for a four year run and increase its reliability during the CC-1 shutdown scheduled for 1986. During the intensive work schedule a combination of 600 Shell employees and contractors will work two ten hour shifts, six days a week to meet the planned shutdown deadlines. McNeill adds that shutdown planners led by, **Howard Green**, **Jim Hale** and **Karl Yeager**, have carefully planned the shutdown to effectively complete the work while keeping safety the number one priority.

Since Catcrackers 1 and 2 are the Complex's largest single source of gasoline, over a million barrels of gasoline will be purchased on the open market during the CC2 shutdown to meet the demands for WRMC products.





Bob Hardy, operations supervisor explains how the Cannon Automatic Viscometer computerizes viscosity tests.

Quality Assurance

"Quality Assurance used to be the Complex's stepchild," says **Paul Aderholt**, chemist and Quality Assurance representative for Light Oils and Chemicals.

Not so anymore. Shell, along with most other manufacturers in the United States, is taking another look at how they can improve quality. And Quality Assurance employees are elated.

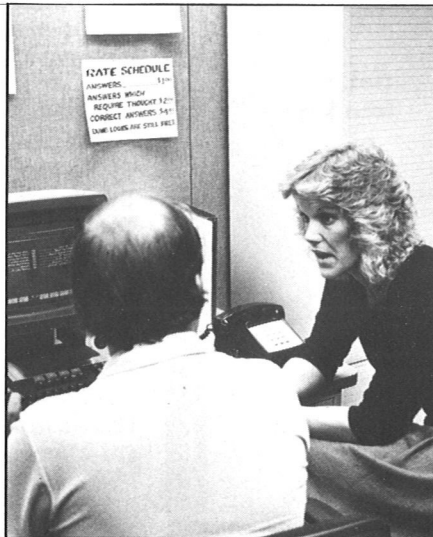
Quality is in the forefront of our customers' minds, explains Aderholt. Many of the Complex's major customers such as Ford and John Deere are mandating that quality be the first priority among their suppliers. Even though quality seems to have taken on a new perspective lately, it is nothing new to Complex employees. The Quality Assurance department has been ensuring that Complex products are every bit as good as we say they are for years. Now, they are just going about it a little differently.

On the forefront

Currently the Lab is implementing an on-line Lab Information Management System that is expected to improve the data transfer to the production departments. The system will also be used for tracking and monitoring the 25,000 to 26,000 tests that Lab employees conduct annually.

"Each operating unit will have its own bar code, similar to the bar codes cur-

rently used for grocery items at the supermarket," explains **Debbie Johnson**, analytical chemist, in charge of implementing the system. "As a sample comes to the Lab the bar code will be entered into the computer and that sample can be tracked from the time it



Debbie Johnson, analytical chemist and Russ Manahan, foreman, familiarize themselves with the Lab Information Management System. The computer system is expected to improve the communication between the Lab and operating units.

enters the Lab until it is given its certificate of analysis."

"The system's ability to 'track samples' at any point during the testing will enable Lab employees to supply operators with valuable information," says Johnson, "and by December we will have installed terminals in some of the operating units so that results can be sent directly to them on-line."

The labs

Theoretically, the lab is divided into two sections, Inspection and Analytical. In addition to these sections there is also the Crude Lab and the Motor Lab.

The Inspection Lab provides support to the operating units 24 hours a day. This support includes determining whether a specific product being manufactured is on-spec in terms of its viscosity, specific gravity, distillation points, etc.

Test results are used for issuing certificates of analysis for finished products and in assisting operators in identifying potential operating problems at the units.

The Analytical section of the Lab performs work using a wide variety of sophisticated instrumental techniques (gas chromatography, x-ray spectroscopy, etc.) as well as assuring compliance with legislated environmental standards. **Janis Rollins**, analytical

chemist, is responsible for reporting infractions on Complex's waste water permit, effluent system and solid waste disposal. The Analytical section also monitors the Complex's effluent system and solid waste to ensure that pollutants are carefully handled according to regulations.

The Motor Lab in North Property measures octane numbers for motor gasoline and supercharged aviation fuel as well as octane numbers for diesel fuel. Test engines are used to create mock situations so that the octane levels

are measured in all types of driving situations including idling and cruising speed. The Motor Lab monitors octane levels of gasoline fuel as it enters the pipeline.

The Crude Laboratory has the responsibility for testing crude that is now or may be refined in any of Shell's refineries. Crude samples from all over the world are tested in this section of the Lab. Samples may be from Shell's own test wells or production wells or from crude that Shell is considering for potential purchase. The samples are

broken down into various fractions through a very involved process. These fractions are then further tested to determine their properties, yield and relative value as a product or intermediate refinery feed streams.

20 years of safety

"We handle everything in the Complex," says **Jim Rollins**, special tester. "One thing we try to live by in the Lab is that safety comes first," adds Rollins.

"We try to increase safety awareness through meetings and training. Everyday someone in the Lab is handling acid, hot asphalt, hydrocarbons, you name it. There is a lot of potential for accidents so our people have to be especially aware of safety," says **Bob Hardy**, operations supervisor.

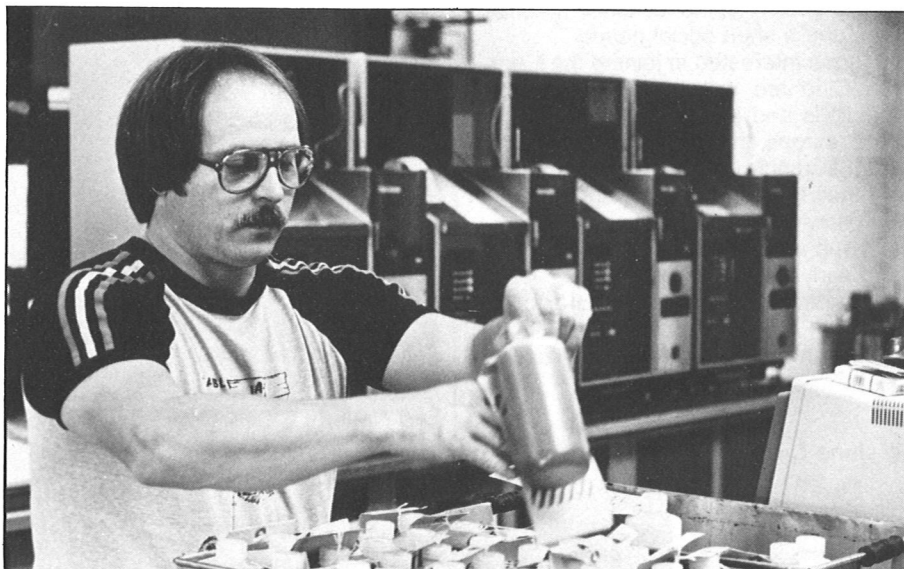
And Lab employees have been doing a good job when it comes to safety. Recently they celebrated 20 years of working without a lost time injury. 1985 represented a year of outstanding safety achievement for QA - a real victory for the employees!

The role of QA is making a significant change.

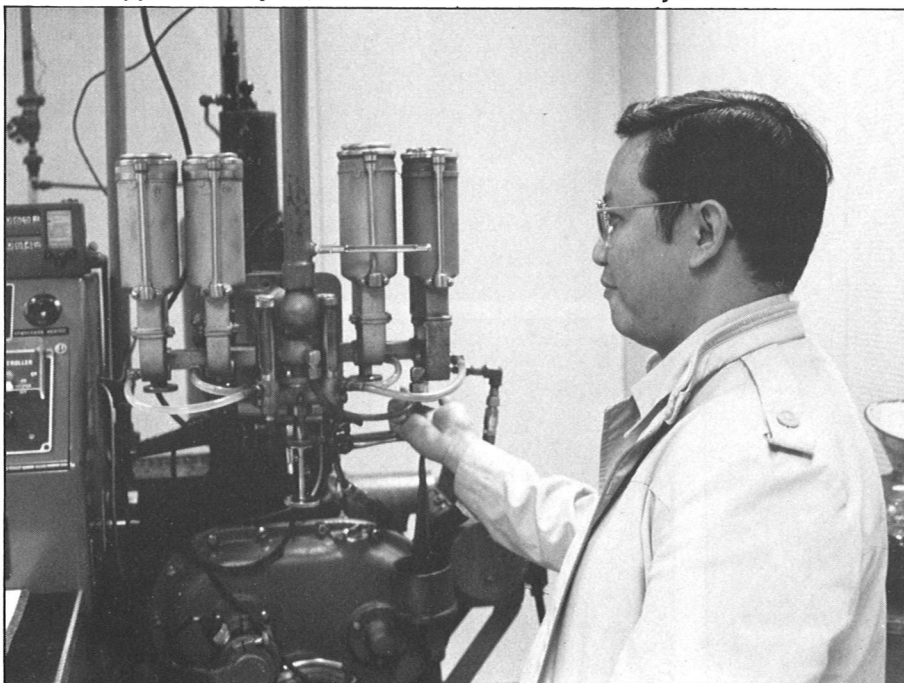
"No longer are we a 'policeman' for quality but, instead we are striving to integrate our contribution into the business strategy of the Complex and Shell as a whole," says **Al Larsen**, manager - Quality Assurance.

"Customers are looking hard at the way we run the QA organizations, the emphasis we put on doing our work as smartly and correctly as possible and the commitment we have to giving them product that meets specifications, on time and every time," explains Larsen.

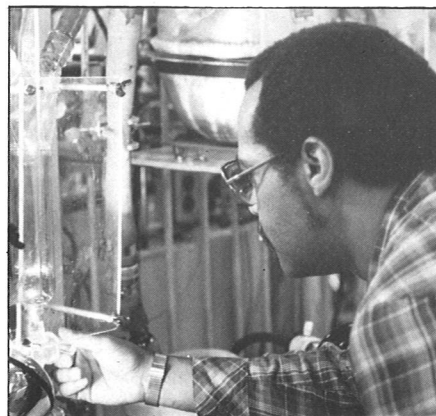
"It's an exciting and challenging time to be a part of the Quality Assurance organization and Wood River QA is responding very well to those challenges!," adds Larsen.



Jim Rollins, special tester, sorts incoming samples in the Gravity Room of the Lab. Rollins is responsible for keeping track of all the samples that come into the Lab. Approximately 25,000 tests are conducted each year in the Lab.



The Motor Lab uses mock driving situations to simulate driving conditions so that octane numbers from gasoline can be tested. Manny Roja, hourly shift foreman explains that the engines in the Motor Lab are set up to test gasoline, and aviation fuels as well as vapor pressures.



Clark Lott, special tester, uses a vacuum engler to take a cut off a crude sample. The Crude Lab is responsible for testing crude samples Shell-wide.

Camera club celebrates 37 years

The SRA Camera Club is celebrating 37 years of continuous service to Wood River employees and their families since its inception in 1948.

The club is sponsored and funded by the SRA and membership is free to all members and their families. Meetings are held the first Tuesday of every month at 7:30 p.m. in the conference room at the south end of the cafeteria.

Meetings are devoted to the monthly slide and print contest, a slide program (guest speakers, instructional material, etc.) and a short social period.

Those interested in joining the Camera Club are welcome to attend the meetings and join in on the fun. Take note retirees, this is an excellent way to keep in touch with the Complex, meet old friends and make new ones!

Following are the Print and Slide Contest subjects for the remainder of 1985 and early 1986:

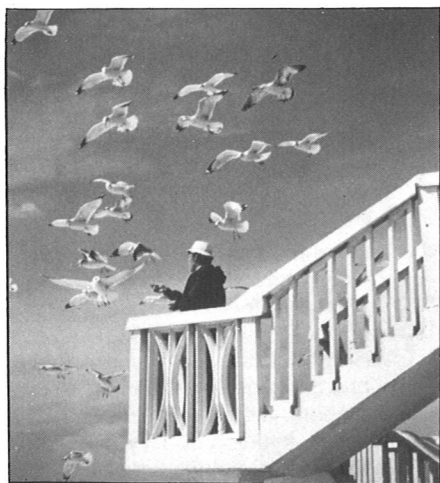
November 5 - Flowers-wild or cultivated.

December 3 - Vacation-any scene

taken while on vacation.

January 5 - Rural Scenery.

February 4 - Patterns or Silhouettes-a repetition of line, shape, form or color.



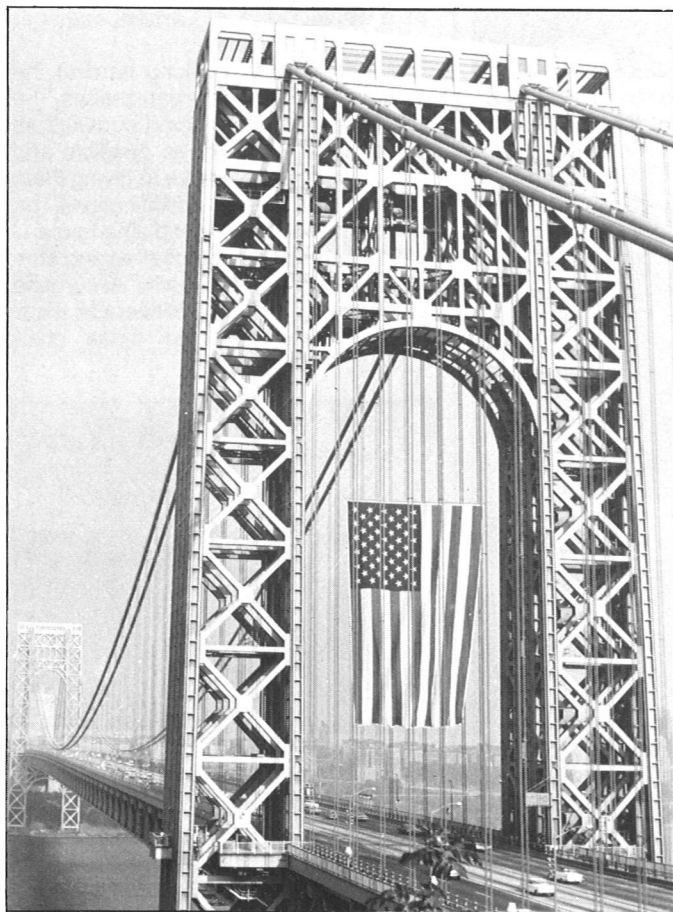
Dolores Nailor



◀ June Coalson ▶



Earl Nailor



George T. Gray



Dan Huebner

New to WRMC



Luke Dohmen
EOS



Clyde Wiseman
EOS

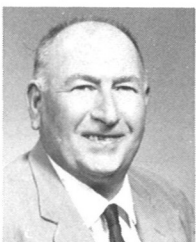


David Rook
Safety & Ind. Hyg



Jeff Jost
EOS

In Remembrance



S. Uhas



W. Wille

Steve Uhas, 80, died August 20. Mr. Uhas was a yardman and janitor, Engineering Field, before retiring in 1970 after 27 years of service.

Walter Wille, 83, died September 3. Mr. Wille was a yardman, Engineering Field, before retiring in 1963 after 21 years of service.

Classified Ads

For Sale or Trade: One wheel, all metal trailer for small boat. Call **Sox** at 618-466-6136.

For Sale: 1979 Capri, stick shift call **Stan Pullman** at 618-377-8910

For Sale: RCA 23 inch color television, early american cabinet, excellent condition - \$150 **Larry Ondrey** at 217-324-2551.

For Sale: 1981 Buick Riviera, good condition, loaded, champagne with velour interior, 65,000 miles asking \$7,500 contact **Beck Doreck** ext. 2168.

SRA Happenings

Annual SRA Fall Dinner/Dance

The Annual SRA Fall Dinner/Dance is scheduled for Friday, November 8, 1985, at the Highland KC Hall on Route 143, west of Highland (618-654-9049). Happy Hour (cash bar and snacks) will be from 6:30-7:30 p.m., with a buffet dinner beginning at 7:30 p.m. The dance will begin at 8:30 p.m., "Fat Chance" will be providing contemporary adult rock music until 12:30 a.m. Door prizes will also be given away during three breaks throughout the evening.

Tickets for the Fall Dinner/Dance will be \$5 for SRA couples and \$10 for non-SRA couples. We ask that you please limit your number of guests to two couples. Please complete the reservation form below and mail to:

Al Hosto

20 Foreman Drive
Glen Carbon, IL 62034

Deadline for reservations is November 1. Please make checks payable to "SRA".

SRA Fall Dinner/Dance

Name of Couple _____

Address _____

Name of Guests _____

(limit two couples) _____

Make Check Payable to SRA

Camera club meeting

The Camera Club will hold its monthly meeting November 5 at 7:30 p.m. in the South Cafeteria conference room. **Cliff Davidson**, the first SRA Camera Club president, will present a program, "The Best of Cliff - 50 Years of Photography". He will also have slides and old camera equipment.

The Slide & Print contest for this month will be 'Flowers', wild or cultivated.

SRA CALENDAR

Be sure to mark December 6 on your calendar for the SRA Winner's Banquet!

Look for more details in upcoming 'Reviews'.



SRA Archery club

On September 21 the SRA Archery Club held its fall shoot at Chandler Farm. The shoot, complete with animal targets, provided a good opportunity for bowhunters to practice for deer season. Forty participants competed in categories including barebow, sights, women and youth with two winners in each division. Members are already looking forward to their spring shoot. For information regarding the Archery Club contact, pipefitter, **Bill Owens**.

Retirement party

There will be a retirement party for **Dick Birdwell** at Preston's in East Alton on October 18. Contact **Dennis Bolton** at 618-377-2297 to make your reservations.

Engineering picnic

The 1985 Engineering Picnic was held at Belk Park on September 20, from 4:30 p.m. to 10 p.m. A total of 83 people enjoyed playing volleyball, horseshoes, great food and fellowship. This year's picnic was hosted by EP&S - Projects. Committee members were **Dale Brueggemann, Wayne Gusewelle, Larry Leuck, Paul Pizzini and Lee Speicher.**

Congratulations SRA softball champs!

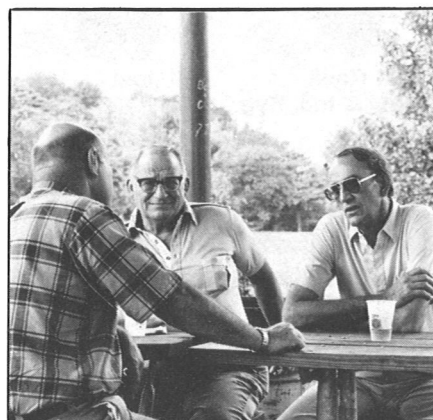
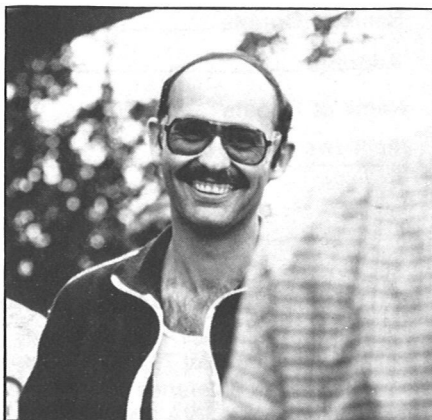
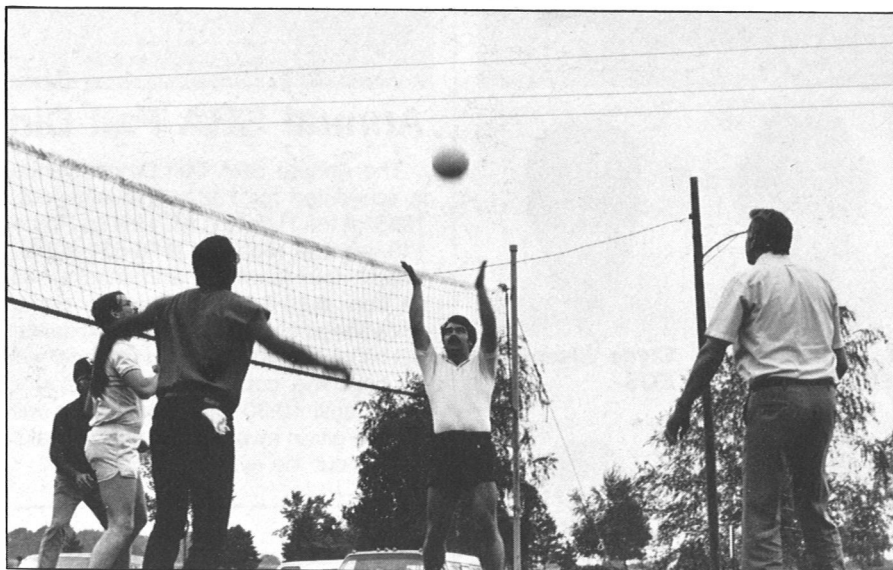
"A" LEAGUE CHAMPIONS "B" LEAGUE CHAMPIONS

BOMBERS

- 1 DAVE BRISTOL
- 2 LEO COX
- 3 JERRY DEAN (CAPT)
- 4 MARK DEL VECCHIO
- 5 RICH GOODMAN
- 6 JOE GROBOSKI
- 7 JOHN HAGEMMEISTER
- 8 AL HOSTO
- 9 BILL KLEINE
- 10 PHIL LAMM
- 11 DARRELL LOCHMAN
- 12 LARRY ODORIZZI
- 13 DON PERRY
- 14 LES SCHLEMER
- 15 TERRY WELLS
- 16 PAUL WILLIS
- 17
- 18
- 19
- 20

"B" TEAM

- 1 LARRY BARRINGER
- 2 MARK BOOTH
- 3 JOHN EDWARDS
- 4 KENNY HUDSON (CAPT)
- 5 DAVE JACOB
- 6 MIKE LYTTON
- 7 BILL MC CAULEY
- 8 BERT NATALICCHIO
- 9 KENT PECCOLA
- 10 TIM PETERSON
- 11 JAY RANKIN
- 12 STEVE RAY
- 13 TOM REGETZ
- 14 TOM RIZZO
- 15 RON SHELLHORSE
- 16 MIKE SOHMER
- 17 BOB ZWICK
- 18
- 19
- 20



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