

The WINGFOOT CLAN

Goodyear Atomic Corporation

The Goodyear Tire & Rubber Company

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Number 2

Zangri Invention Recognized; GAT's Fifth Patent Application

S. J. (Sam) Zangri, process engineering, was recently honored as one of Goodyear Atomic's select few to file an application with the United States Patent Office.

Sam's patent application titled "Stage Arrangement for Gaseous Diffusion Plant" utilizes a heat exchanger of unusual design, while maintaining isolation between reactive gases and a cooling medium. The heat exchanger must maintain complete isolation of the two media while providing high heat transfer.

Randall C. DeLozier and Theodore Shapiro employees of Union Carbide Chemical Corp. along with Zangri are co-inventors of the development. Development of the invention took place while Zangri was on temporary assignment in Oak Ridge as Goodyear's representative on a Task Force designed to investigate new plant concepts.

In an informal ceremony, General Manager G. H. Reynolds honored Zangri by presenting him with a token dollar bill and a letter of appreciation. Signed by Reynolds, the letter stated — "The Goodyear Atomic Corporation takes pleasure in presenting you with the attached dollar, fulfilling the stipulation in the patent assignment to the United States of America which you executed in connection with the filing of a patent application on your "Stage Arrangement for Gaseous Diffusion Plant."

"Let me restate the feeling of pride your supervision and I have

for the creativity you and other Goodyear Atomic Corporation employees demonstrate in the development of new devices and new processes."

Zangri is one of five GAT employees holding or seeking patent rights, as a result of AEC work. The most recent application was submitted by Cyrus (Cy) Whitfield, whose patent is pending on "Method of Making Alloy Powders." Henry Steinhauer and Bob Roe, instrumentation development, are co-inventors of a patent titled "Remote Metering Device" and Deputy General Manager C. D. Tabor with co-inventor M. L. Hanson was issued a patent in 1961 titled "Automatic Mass Spectrometer." In all cases patent rights have been assigned or given to the AEC.

Zangri is a graduate of Tufts University in Medford, Mass. He joined Goodyear Atomic in 1954 as a senior engineer after spending 10 years employed by Carbide Carbon and Chemical Corporation. He was named Supervisor of Chemical Engineering in 1955, and as Supervisor of Process Engineering in 1957. In July 1967 he was placed on special assignment in Oak Ridge and in May 1969 was assigned to his current responsibilities to assist GAT in long-range planning.



KEN FEE of a dollar bill and a letter of appreciation was recently presented to Sam Zangri by General Manager, G. H. Reynolds. Reynolds honored Zangri for his patent application of an invention titled "Stage Arrangement For Gaseous Diffusion Plant." The invention utilizes a heat exchanger of unusual design, while maintaining isolation between reaction gases and a cooling medium.



C. R. Milone



O. M. Sherman

HAVE YOU DIALED 2222 LATELY? You may be missing out!!! Something new has been added!!!

Women's Club Sponsors

The Four Freshmen Concert

The GAT Portsmouth Women's Club is sponsoring one of the most exciting in-person singing groups in show business today — The Four Freshmen. "An Evening With The Four Freshmen," one which will long be remembered, will be presented at the Portsmouth High School auditorium at 8:00 p. m. on April 16.

One of the most intriguing aspects of their performance is their vaunted versatility. Between them they can play a total of seven different instruments with a high degree of professional skill. Also, each one of the Frosh contributes in his own personal way to the wonderful brand of humor which has become a Freshmen trademark.

The Freshmen started their career in 1948 and have since appeared on every major college campus in the United States. They also have toured Europe, Asia, played at The Hollywood Bowl, Carnegie Hall, and many famous night clubs.

All seats for the concerts are reserved — regular seats cost \$3 and choice seats are available at \$4. Tickets are available from Eileen

Milone And Sherman Named GT&R Veeps

Election of two vice presidents of Goodyear was announced on Feb. 11 by Russell DeYoung, chairman, following a meeting of the board of directors.

Dr. Charles R. Milone becomes vice president of research and general products development, and Oliver M. Sherman becomes vice president of industrial relations.

Milone, who joined the company in 1939, has been director of research and general products development for the past year. A native of Urichville, Ohio, he attended Ohio University for two years, then transferred to the Massachusetts Institute of Technology, where he obtained his bachelor of science and doctor's degrees in organic chemistry.

Joining Goodyear in Akron after graduation, he served as a research chemist and as supervisor in the organic chemistry department prior to becoming section head in the Research Division in 1947.

Clan readers will recall Dr. Milone's 15-year association with Goodyear Atomic. He joined GAT in 1952 as superintendent of the development laboratory. He was named manager of the technical division in 1957 and in 1960 assumed the dual responsibility of technical division manager and deputy general manager.

Milone returned to Akron in

1967 to fill the newly created position of director of general products development.

Sherman, who was born in Rio Grande do Sul, Brazil, started with the company in Akron as a trainee 29 years ago. Assigned to the personnel department early in his career, he was sent to the company's plant at Sao Paulo, Brazil, as assistant personnel manager in 1948. Six months later he became personnel manager there.

Returning to Akron in 1954, he was placed in charge of industrial relations research the following year, carrying the title of assistant to the director of personnel. In 1959 he was made personnel manager of Goodyear's tire manufacturing facility in Jackson, Mich.

In 1961 Sherman was sent to Harvard University's Graduate School of Business to attend the advanced management program. An Akron assignment as manager of administrative engineering, in 1962, and promotion to manager of the Los Angeles plant a year later preceded his appointment as director of personnel Jan. 1, 1966. Just three years later he was promoted to director of industrial relations.

Are You Confused About Paychecks?

Here's the answer to the confusion that you may have had about the tax deduction side of the paychecks you have received so far this year.

Starting Jan. 1, the amount of federal income tax withheld was reduced. The 10 per cent surcharge tax was cut to 5 per cent and is scheduled to expire completely June 30, 1970.

But if you noticed there wasn't any increase in take-home pay, chances are it was because Social Security tax deductions resumed Jan. 1. This was at a rate of 4.8 per cent on the first \$7,800 earned (for a maximum annual payment of \$374.40).

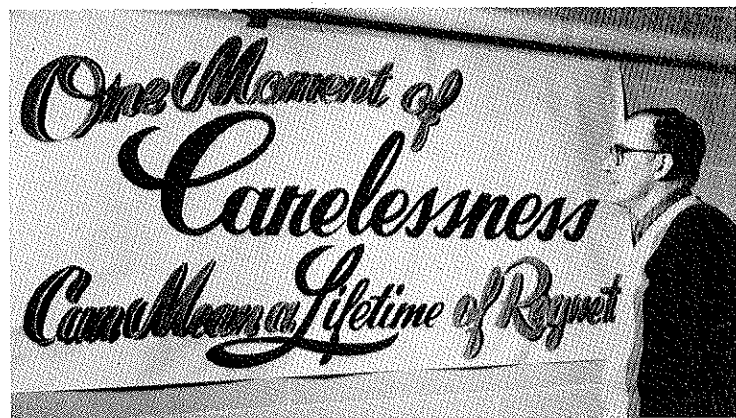
Under the present law, the Social Security tax rate jumps to 5.2 per cent in 1971 — for a yearly maximum of \$405.60. Goodyear's Social Security tax matches the tax paid by each employe.

Ward or Phyllis Bowling. In Portsmouth tickets and information can be obtained by calling 353-8815, from the Book Rack or any GAT Women's Club member.

All proceeds from the Four Freshmen concert will be donated to the charities supported by the Women's Club.

The committee members for the program are: Mrs. Paul Briggs — chairman, Mrs. Max Coryell — tickets, Mrs. George Zoellner and Mrs. Arthur Cardenas — publicity, and Mrs. Marvin Bowling — programs.

Goodyearites are also asked to remember the annual Spring Dance, co-sponsored by the Company and the Portsmouth Goodyear Women's Club, to be held May 16 at the Elks Country Club.



D. H. (Dorsel) Lowder, SS materials handling, came up with the right combination to win GAT's annual safety slogan contest. His slogan, "One Moment of Carelessness Can Mean A Lifetime of Regret", was chosen as the best of the monthly winners by a selective committee from GT&R's safety organization.

Dorsel's slogan was chosen tops of 670 entries submitted in GAT's 1969 monthly slogan contest. Bringing home the winner entitled him to the \$100 merchandise award presented to the annual winner by the safety department.

Did you know the safety slogan and poster caption contests were initiated years ago to stimulate interest in safety and to achieve greater participation in our safety program? The person submitting the winning slogan or caption in each monthly contest receives a \$10 net cash award. If your caption or slogan is selected as the annual winner you will receive \$100 in merchandise.

Entry blanks are available in X-100 building lobby, X-108A and X-108B portals, in the X-720 shop, and at 18 of the various company bulletin boards.

Put your thinking cap on and get your March entry in now!!!

Monthly Safety Slogan Winners

Jan.	Barry L. Valentine	852	"Carelessness Is Like The Flu — It Bugs Everybody"
Feb.	M. W. Powell	552	"Make It A 'Goodyear' With Safety"
March	J. L. Click	521	"Safety Shoes May Prevent The Agony Of DEFEET"
April	D. H. Lowder	512	"One Moment Of Carelessness Can Mean A Lifetime Of Regret"
May	M. W. Powell	552	"Be Safe — Not Sorry"
June	D. K. Barber	852	"When You Leave Safety Behind You Will Find Danger Ahead"
July	M. W. Powell	552	"Don't Be A Loser — Be A User Of Safety Rules"
Aug.	A. P. Romero	551	"A Goodyear Is A Safe Year At Goodyear"
Sept.	A. P. Romero	551	"Make Safety A Program — Not A Slogan"
Oct.	D. K. Barber	853	"Mini — Mistakes Make Many Heartaches"
Nov.	D. K. Barber	853	"You Can't Live Without Safety, So Don't Die Trying"
Dec.	A. P. Romero	551	"He Who 'Kicks' About Safety — Doesn't Have a 'Leg' To Stand On"

Credit Union Ups Dividend

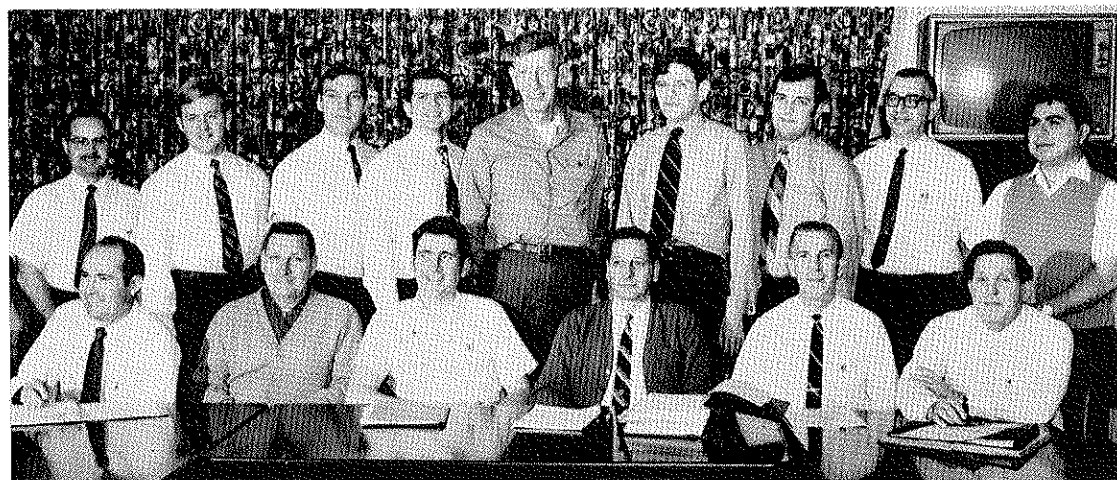
The Annual Meeting of the Atomic Employees' Credit Union was held January 30 at the Waverly High School. The 140 attendees elected Clarence Ball, Jim Brandt and Norman Christopher as members of the Board of Directors for three-year terms. Clay Cottle was re-elected as a member of the Credit Committee. A total of \$260 was distributed as door prizes — each attendee received a dollar, while 12 lucky winners received an additional \$10 prize.

President Voss announced that an interest refund of 10 percent on personal loans had been declared by the Board of Directors. This refund is applicable to the interest paid during the second half of 1969. For example, if a person paid \$100 in interest between June 1 and November 30, 1969, an interest refund of \$10 will be credited to his account. Since the calculation of these refunds requires considerable clerical effort, this work will not all be done until the end of February.

In the second half of 1969 the dividend was increased to 5½ percent and an interest refund of 10 percent was declared. This is in keeping with a policy of the Credit Union to pay a fair dividend to the members who save and to make the cost of money as economical as possible for the members who need to borrow.

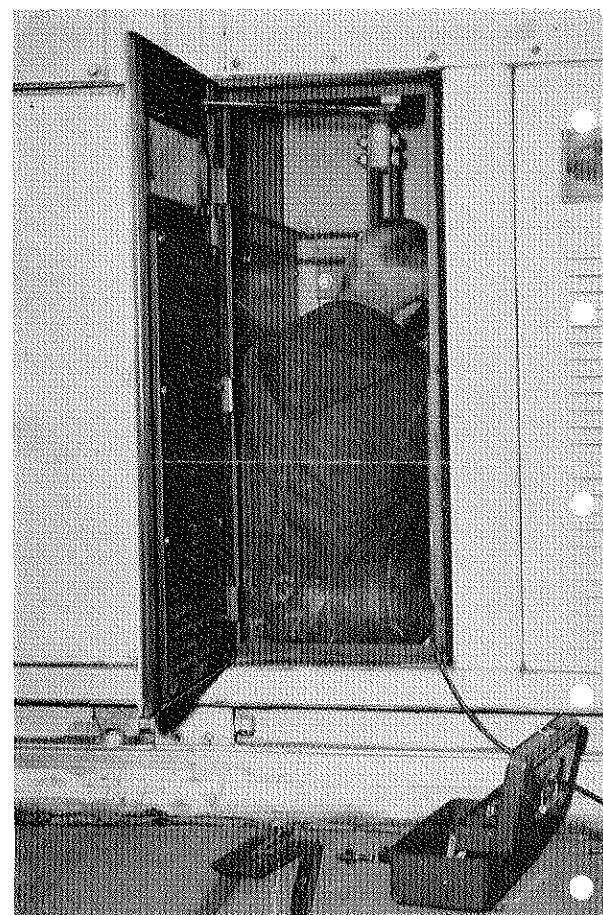
Credit Union Elects Officers

The Board of Directors of the Atomic Employees' Credit Union held their annual organizational meeting on January 9 to elect officers for 1970. Frank Voss was elected President; Maurice Trowbridge, Vice President; Lester Oyler, Treasurer; and James Brandt, Secretary.

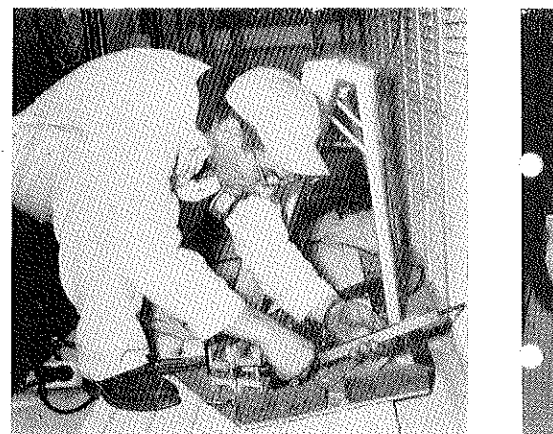


GAT FOREMEN'S CLUB members recently elected officials to lead the club throughout the year. Selected to serve the organization: John Boggs (D-212) Secretary; Frank Crain (D-732) 2nd VP; Charles Shoemaker (D-858) 3rd VP; Irv Smith (D-814) President; Clay Burkholder (D-761) 1st VP; Howard Galloway (D-552) Treasurer;

(Standing) Jack Woods (D-531) Trustee; Jay Furbay (D-411) Trustee; John Thompson (D-761) Ex Officio; Don Rockhold (D-730) Trustee; Herman Fannin (D-852) Trustee; Bob Bush (D-701) Trustee; Jerry Komlos (D-514) Trustee; Bill Stump (D-331) Trustee; Perry Dalouis (D-521) Trustee and Bill Carnes (D-113) Trustee (not present).



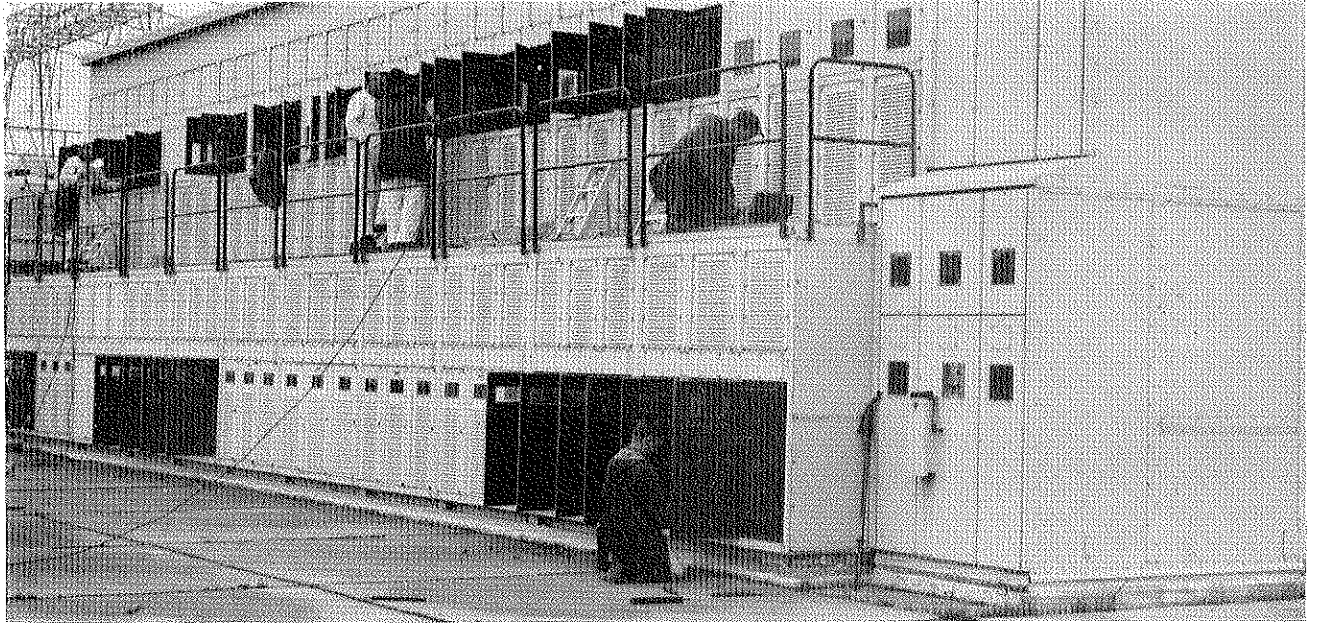
SITTIN' DOWN ON THE JOB isn't as easy as it looks for Royton, who is in the process of removing the disconnect assembly, installing a new one and adjusting it for operation.



OUT WITH THE OLD — IN WITH THE NEW. Final steps are taken by veteran electrician Guy Bierbower (l). The 1 by In-Plant Maintenance Train



OPEN CUBICLE DOORS expose the intricate mechanism of a 13,800 volt disconnect compartment. Concentrating on the alignment of an Operating Rod is Joe Brant (l) and Jim Welch.



TIME IS OF THE ESSENCE to the electrical maintenance crew. It's their responsibility to replace approximately 60 operating rods, overhaul the switchgear and do a variety of preventive maintenance jobs — in the shortest time possible. Crew members "hard at it," are (l to r) Guy Bierbower, Jim Cooke, Les Helmic (in the cubicle), Mike Migyanko, Clifford (Chappy) Chapman and Bob Hill below.

Major "Change-Out" Program Is Vital To Future Operations

A giant-size preventative maintenance program is currently being conducted in one of GAT's huge electrical switchyards.

The program is the replacement of the wooden disconnect operating rods in the 13,800 volt electrical switchgear. Disconnect switches are devices which mechanically isolate electrical equipment to avoid hazards. The operating rods furnish the mechanical force needed to operate disconnect switches.

The problems are created when an operating rod breaks — electrical service is interrupted and production is faced with an unscheduled shutdown.

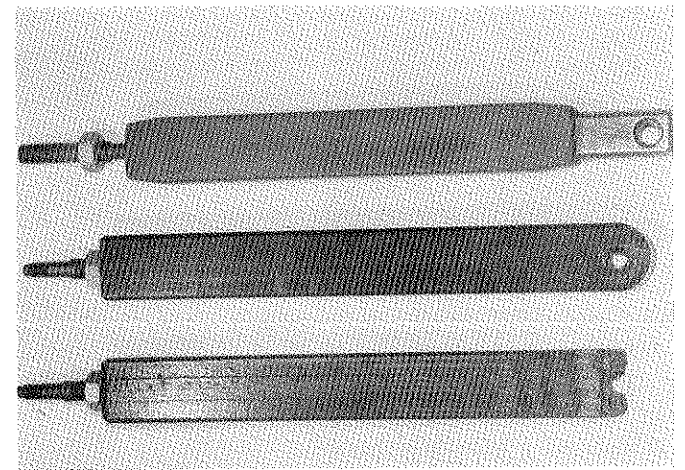
After investigating several failures it was determined the wooden rods were not up to standard electrically or mechanically. This meant production was subjected to prolonged downtime each time a piece of switchgear was removed from service.

A major change-out program was initiated when the original contractor offered to furnish new replacement rods at a reduced cost. Another advantage would be that production losses would be held to a minimum while the plant is operating at a reduced schedule. Further benefits that

would be realized would be the reduction of switchgear failures; cascade operation would use the "downtime" to do maintenance and modification on cascade equipment and be planning ahead; maintenance could utilize the outage to do a variety of maintenance jobs.

The new replacement rods are made of a resin material and have greater mechanical and electrical strength characteristics. Changing out the 756 rods got underway in the Summer of 1969. Over 70% of the rods have been replaced with the program scheduled for completion in 1970. To minimize production downtime all of the rods in a section of switchgear are replaced at one time — replacing approximately 60 rods at one time, requires a great deal of teamwork and cooperation between operations personnel, production scheduling and the maintenance work forces.

Pictured on this page are members of GAT's switchyard maintenance crew replacing the rods on a large section of switchgear. Cameraman Harley Cantwell was on hand to take a series of candid shots of GAT's electrical maintenance forces in action.



THE PROBLEM!! Loss of production resulting from the breakage or failure of any of the 756 wooden operating rods located in X-533 Electrical Switchyards. **THE SOLUTION!!** Replace them with a plastic (resin) rod which has greater mechanical and electrical qualities.



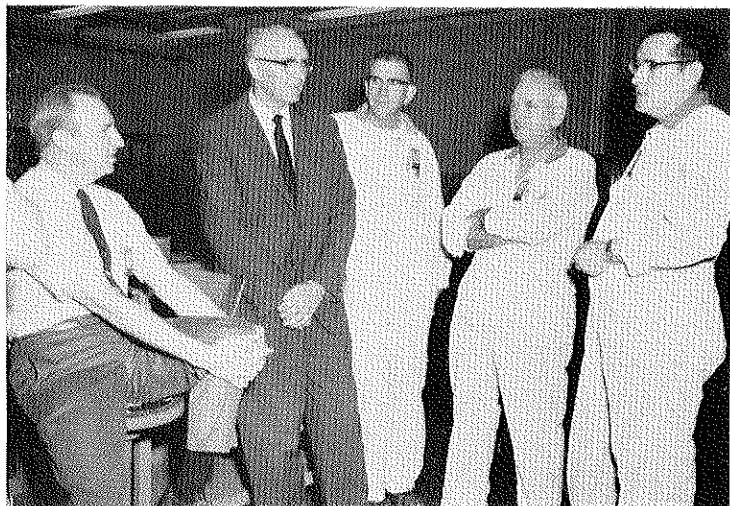
IT'S BOTTOMS UP for Clifford Chapman (upper right) and Bob Hill as they "dig" into their day's work. Mike Migyanko and Jim Cooke talk things over before they tackle the job.



As the old wooden operating rods are replaced, the new resin rod assembly is being installed by Earl Williams.



FINISHING TOUCHES. Earl Jordan, paint shop, is one of those responsible for securing the huge cubicles from the ravages of the elements.



RETIREE — Dave Widdig spent his last working day in X-330 electric shop, surrounded by well-wishing co-workers. Dave, a lay minister, plans to devote his extra time to church activities. Saying so long to Dave are (l to r) Quill England, Charlie Hobbs, Ray Mangus and Don Richards.

AEC Promotes Clyde Rice

The promotion of Clyde L. Rice, to the position of chief administrative and finance officer was announced by R. V. Anderson, manager of the Atomic Energy Commission's Portsmouth area office.

Rice, a 17-year veteran, joined the AEC in June 1952 as an Accounting Trainee at the Savannah River Operations Office, near Aiken, South Carolina. In February 1953, he was transferred to Portsmouth as an Auditor in the Finance Division. In January 1965, he was promoted to Administrative Officer for Administrative and Finance duties. Mr. Rice is a graduate of Ohio State University with a Bachelor of Science degree in accounting.

As Chief Administrative and Finance Officer, Rice will have the responsibility for the planning, coordination and administration of personnel, security, procurement, property management, transportation, communications, accounting, auditing and budget programs.

Clyde and his wife Roberta reside in Jackson, Ohio. They have a daughter, Cynthia (15), and a son, Steven (13).



Clyde Rice

Editorial Comment

When he visited the United States a couple of weeks ago British Prime Minister Harold Wilson had a few things to say that might well have caused fellow members of his Labor Party to wince in their pubs.

If someone like an industrialist or a Chamber of Commerce spokesman said the things Wilson said (and they have) the comments would likely be shrugged off. But now comes a labor prime minister, speaking for the world's most successful labor party, saying that the way to solvency is through workers' productivity.

We think his remarks are worth noting.

Wilson spoke in New York on the subject of wage-price controls. His remarks also were beamed to his own people via the BBC. Wilson's advice: no nation can survive unless its working people give a full day's work for a full day's pay.

"Increases in wages and other costs which are not covered by increases in productivity must lead to higher prices," said Wilson, "which in turn generate demands for higher incomes. I tried to express this a week or two ago when I said that 'one man's wage increase is another man's price increase.' The tendency of price increases is to generate cost inflation; equally, they tend to affect a nation's ability to market its goods overseas."

Wilson went on to say that "there is no escape . . . the test of democratic government is its ability to secure the acceptance of this truth by the people."

In the past two years since devaluation, according to the Prime Minister, wage increases have been increasingly related to productivity agreements — higher incomes directly related to higher efficiency.

"We have been able to record," he said, "that a combination of incomes restraint and the productivity criteria have maintained our international competitiveness — admitted! at a time when most of our industrial rivals have faced their own problems, and right up to the present time when we see all over the industrial world an increasing degree of industrial militancy of international proportions."

"In a truly democratic society the economic problem cannot be solved without an acceptance of the need for restraint both by the labor unions, so far as incomes are concerned, and by manufacturers and others in relation to the prices they charge. No economy can live for long if the total income which is taken out of the production process exceeds what is put into it by work and production."

In light of Wilson's "un-Socialist" viewpoint, we thought it of interest to note — in a newspaper story about a week later — a report by the Bureau of Labor Statistics in Washington. Workers' output per man-hour in the private economy rose moderately in the last quarter of 1969, but the year's gain of 9/10ths of one per cent was the smallest since 1956, according to the Bureau.

IN MEMORIAM

Mr. Leonard M. Harris passed away February 12, 1970 in Jackson County. He is survived by his wife, Mabel, and one daughter and one son. Leonard, a retiree, was employed in D-426.

In Sympathy

Mrs. Charlotte Ernstein died February 2 in Cleveland, Ohio. She was the mother-in-law of Wayne E. Cook (D-561).

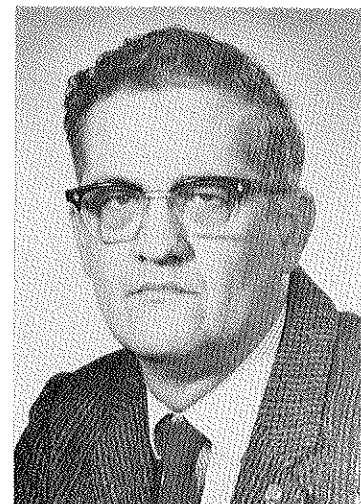
Mrs. Dorothy Arndt, wife of retiree Robert Arndt, died February 9 in Riverside Methodist Hospital, Columbus. Prior to leaving GAT, Bob was employed in Mechanical & Project Engineering.

New Arrivals

Mr. & Mrs. Francis U. Green (D-112), son, Benjamin Francis.

Mr. & Mrs. Francis J. Tremel (D-761), daughter, Elizabeth Marie.

Mr. & Mrs. David J. Zelinski (D-761), son, Jay Robert.



MR. SCOUTMASTER. Loyal and devoted service to the young people of West Portsmouth recently brought special honors to Louis Shy, Chemical Operations. Louis was chosen as "Citizen of the Year" by the West Portsmouth Business Club for 35 years of leadership in Scouting. Louis has contributed so much to their scouting program, that local citizens often refer to him as "Mr. Scoutmaster of West Portsmouth."



PRE-SUPERVISORY TRAINING PROGRAM was recently initiated to help develop potential supervisory personnel. Members of this program are (seated, l to r) J. F. Bailey, D-512; W. C. Bird, D-858; A. A. Faris, D-812; L. Scaggs, D-732; A. L. Byrd, D-512; A. G. Adams, D-810; W. C. Masters, D-762; G. McNamer, D-424. (Standing, l to r) A. M. Jones, D-816; J. F. Bullard, D-724; D. P. Waldron, D-512; C. N. Hill, D-212; W. L. Miller, D-858; A. E. Creech, D-724; R. L. Horner, D-722; W. E.

Landrum, D-814; R. W. Cross, D-731; I. E. Brown, D-712; C. N. Howard, D-812; L. C. Brant, D-853; L. C. James, D-810; C. H. Weghorst, D-851; C. F. Ferguson, D-101; B. F. Hoffman, D-711; absent J. M. Arthur, D-732. These employees, who have shown a high degree of leadership and ability, are voluntarily attending the one-year program to receive instruction in effective communications, contract administration, cost reduction, and company and management procedures.

CLASSIFIEDS

WANTED

Flat bottom aluminum boat, 10' or 12' long; also, car top carrier for same. Phone Portsmouth 574-5466.

Two "O" shift riders from Portsmouth. Phone 353-0977.

FOR SALE

1967 Buick GS — new brakes and tires, all power, AM-FM radio, air conditioned, good condition. Phone Portsmouth 456-6734 or 456-6141.

Lake White — 3 bedroom home with attached garage, 2 baths, large recreation room with kitchenette and bar, all hardwood floors, living-dining rooms carpeted, 2 woodburning fireplaces. Phone Waverly 947-5654 after 5:00 p.m.

Daughter's '67 Camaro, medium green, deluxe all vinyl interior, buckets w/console, radio, power-glide, power steering, four new tires, F & R bumper guards, 250 C. I. D.-155 H. I. engine, w/25,000 "female" miles. Sensible and reasonably priced to move. Phone Portsmouth 353-2034.

Siamese Kittens — Phone Beaver 226-4101.

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