

# GAT Engineer Builds a 14-Ton Rivercraft

What is it, a spacecraft or James Bond's new vehicle for his next movie? Upon further inspection the craft is even more intriguing. That boat is round and made out of cement! It can't fly and it will hit the bottom of the Ohio River if you try and float it.

You are partially right. That is a cement boat sitting on the bank of the Ohio River in the back yard of Bob Callihan. Callihan designed the boat himself and completed most of the construction himself, working evenings and weekends. After four years and over 4,000 manhours of work it is ready for launching next spring during high waters.

How did he get the idea? The project started four years ago when Callihan, an electronic engineer at GAT, stretched chicken wire over a frame. Neighbors and passers-by undoubtedly treated him with the skepticism of Noah then, but no more.

Now 4,000 manhours later the craft is ready for launching. Made completely of cement, the hull measures 32 feet in diameter, with the dome of red, white, and blue 22 feet in diameter.

Where did Bob Callihan get such a crazy idea? "I noticed that in California people were putting a prefabricated dome on a pad and placing it in the bay. Legally it wasn't a house and they avoided taxes. That gave me the idea for a cement boat that was round."

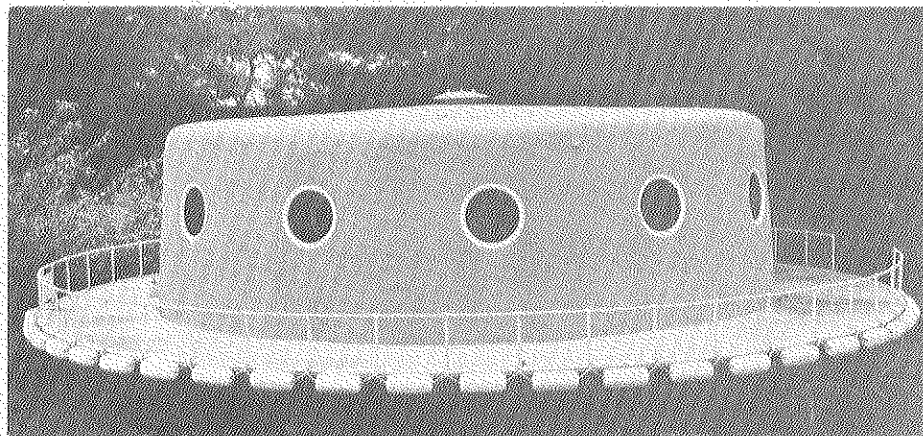
The cement had to be poured continuously, taking a crew of six men over six hours. Callihan, though, made the approximately 7,000 tie-ins of the chicken wire to the steel frame himself.

When the cement was applied, it

set for 28 days of curing while 67,000 gallons of river water were sprayed over it. Then, a large crane was used to turn the 18,000 pound hull so that construction of the dome could begin.

The boat will weigh about 14 tons, but will draw only about six or seven inches of water, according to Callihan. It has its own electric generating system and will be fully automated, allowing Callihan to operate it by remote control while sitting outside on the deck. Heat pumps will provide both air conditioning and heating.

The boat sets on a steel "cart" equipped with wheels from a coal (See Cement Boat Page 4)



A spaceship which just landed from another planet? Most passers-by or boaters do a double-take when they see such craft. Maybe a couple of hints will tip you off as to what it is. It weighs 14 tons, is 32 feet in diameter, is made of cement, and took 67,000 gallons of water to aid the cement in curing. Believe it or not it is a boat, built by hand by Bob Callihan, an engineer at GAT.

## The WINGFOOT CLAN

Goodyear Atomic Corporation

The Goodyear Tire & Rubber Company

Volume 25

PIKETON, OHIO SEPTEMBER, 1978

Number 10

### Vince DeVito Named Manager

## Safeguard and Security Division Created

A new Division, Safeguard and Security, was established at GAT effective September 1. Named to head the newly created division as Manager was Vincent J. DeVito. He will report to Gerald D. Althouse, Assistant General Manager, Operations.

Jonathan S. Murrell was promoted to Superintendent, Nuclear Materials Control, replacing DeVito. Also promoted in the creation of the new Division was Kenneth D. Baldwin to Superintendent, Security.

Several related personnel changes were also made. Irwin G. Smith became Director, Emergency Planning and Shift Operations, reporting to Althouse. Ralph F. Channel was assigned to the Safeguards and Security Staff reporting to DeVito.

Vince DeVito was one of the original Goodyear start-up team members as he transferred to Southern Ohio in June, 1953 as an S. F. Materials Accountability Engineer. He started with The Goodyear Tire and Rubber Company in August, 1950 in Akron. He was a member of the Squadron Program there, receiving the Litchfield Award as its outstanding member.

He was named Uranium Control Assistant in 1962 and in May, 1970 was promoted to Superintendent of Nuclear Materials Control.

DeVito is a graduate of Ohio State University, receiving a B.S. Degree in Business Administration. He is a



Certified Nuclear Materials Manager and a member of the American Nuclear Society. He also was recently re-elected Secretary of the 600-member Institute of Nuclear Materials Management, an international organization.

Jon Murrell joined Goodyear Atomic in September, 1957 as an Engineer, Junior. In January, 1967 he was named Staff Engineer. In May, 1970 he was promoted to Supervisor of Nuclear Materials Engineering.

Originally from the Huntington, West Virginia, area, Jon Murrell received a Bachelor of Engineering Science Degree in General Engineering from Marshall University. Murrell is a Certified Nuclear

(See DeVito Page 3)

## Twenty-Six Reach 25 Years Of Service

In the month of September, 1978 twenty-six Goodyear Atomic employees can look back on the start of a silver anniversary career. That month puts them on the silver plateau of twenty-five years of service.

On September 1, James C. Barnes, Materials Department; William E. Wiehle, Centrifuge Project Management; and Carl M. Terry, Production Training, completed their silver anniversaries.

Hitting the quarter century mark on September 2 was J. G. "Jack" Crawford, Gas Centrifuge Technology Transfer.

Starting their careers on September 8, 1953 were: Arturo L. Cardenas, Process Technology; Kenneth F. Vulgamore, Instrument Engineering; Lee Woods and Ivan E. Brown, Instrument Maintenance.

Reaching the 25-year plateau on September 14 were: Virgil H. Butcher, Police Department; Louis M. and Joseph C. Donini, Utilities Maintenance; and David P. Goodman, Maintenance Services.

W. Glenn Russell reached 25 years of service on September 16.

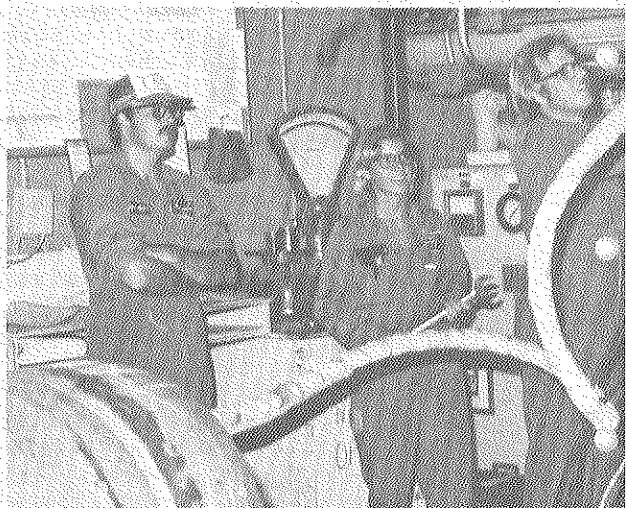
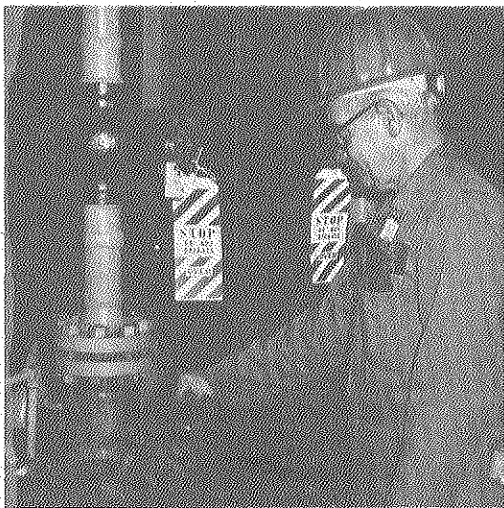
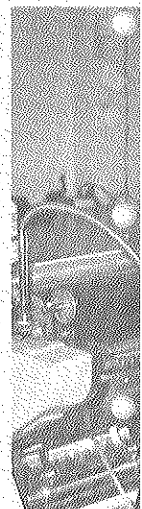
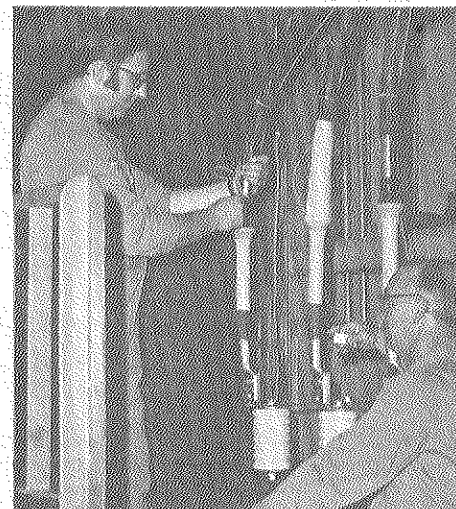
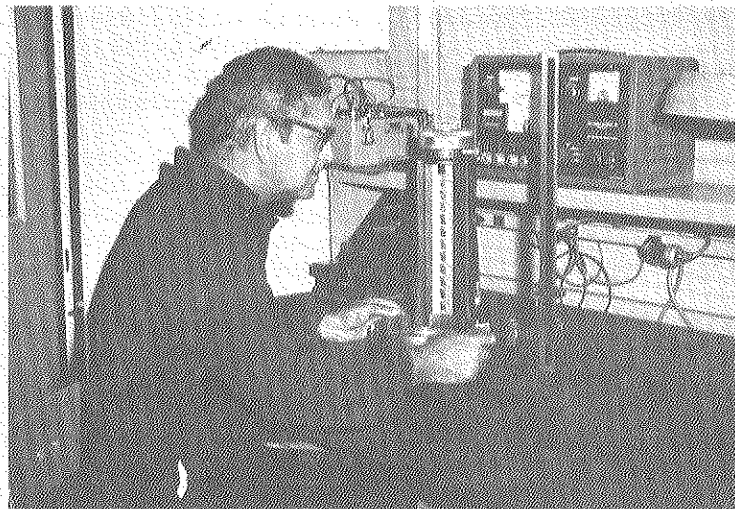
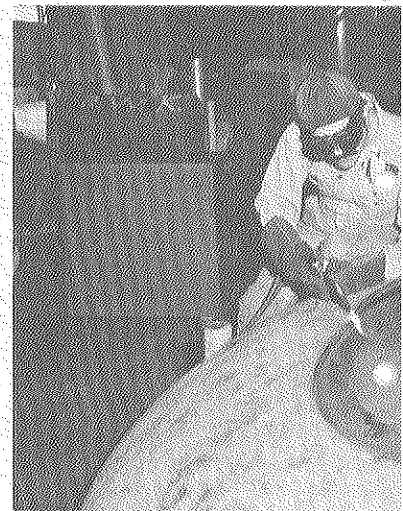
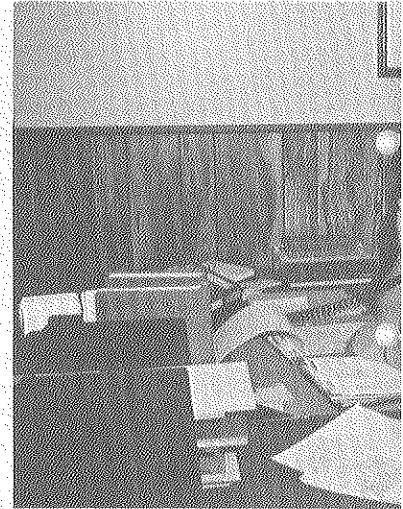
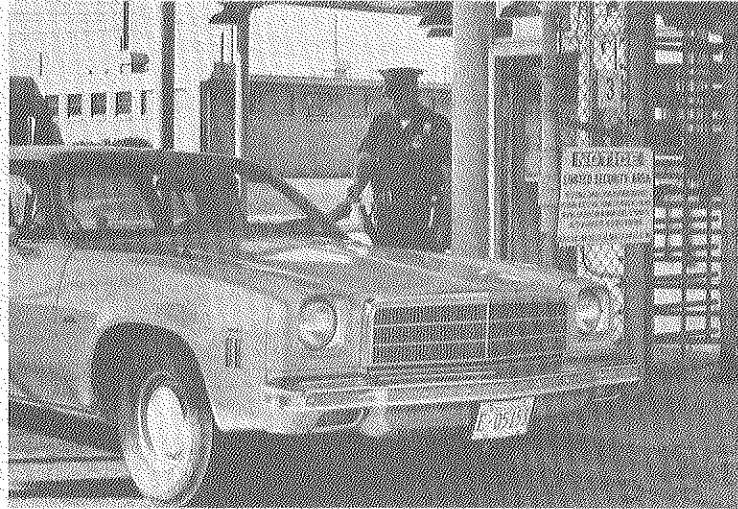
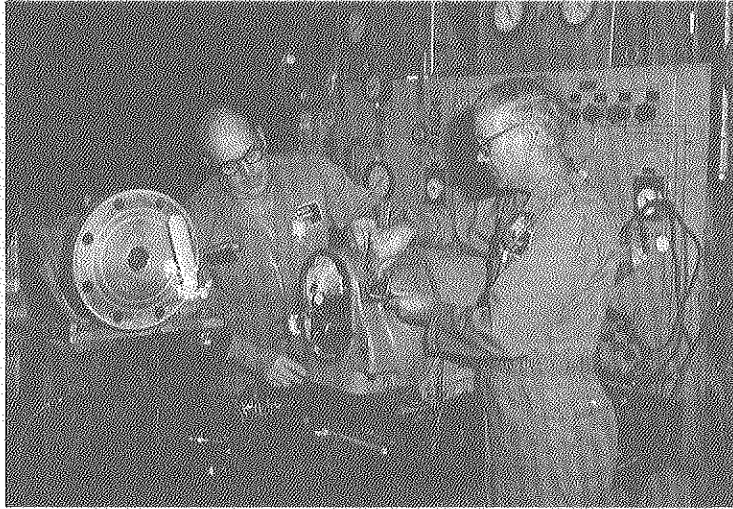
Starting their careers on September 21, 1953 were: John G. Henry, Measurements Technology; Richard S. Schneider, Compressor Shop; and Robert L. Horner, Jr., Sheet Metal Shop.

On September 28, 1953, Wilbur Mullins, Police Department; Joseph F. Schreck, Paul E. Cravens, Jack E. Beebe, William J. Reynolds, Erdie T. Crace, William E. Collins, and Albert L. Nelson, all in Utilities Maintenance; and James B. Bluebaum and Joseph M. Henson, Quality Control.

### Dividend Declared

Goodyear's directors have declared a regular quarterly dividend of 32.5 cents a share, payable Sept. 15 to shareholders of record August 15.

# QUALITY ASSURANCE WEEK SEPTEMBER 18 - 22



# New Division Created



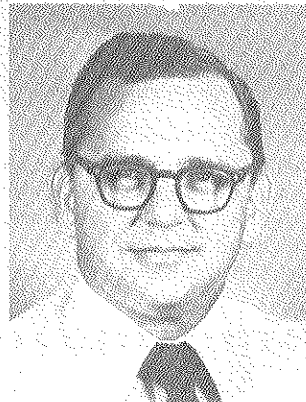
Jon Murrell

(Continued From Page 1)

Materials Manager and a member of the American Nuclear Society.

Ken Baldwin is originally from the Fairfield, Idaho, area. He joined Goodyear Atomic in April, 1972 as an Engineer, Senior. Previous to that time he was employed by Standard Oil of California and Chevron Chemical in Louisiana.

Ken is a graduate of the University of California, receiving a Bachelor of Science Degree in Chemical Engineering.



Ken Baldwin

## Cross To Replace Baumgardner Retires with 38 Years of Service

Harry D. Baumgardner, GAT's "Mr. Finance," retired at the end of August with over 38 years of service. Named as his replacement as Supervisor of Accounts Payable was Richard E. Cross.

Harry played an important part in GAT's start-up operations as he journeyed to Southern Ohio in May, 1953 as Supervisor of Accounts Payable.

He started with The Goodyear Tire and Rubber Company in August, 1940 as a member of the Production Squadron in Akron. In 1941, during the war years, he moved to Goodyear Aircraft to set up their accounts payable system. He rejoined the parent company in June, 1946. Harry attended Kent State, Akron, and Ohio Universities.

Harry and his wife, Ardella, have resided in the Brewer Heights area of Chillicothe. Their son, Hugh, and his



Harry Baumgardner

family reside in Florida. Their daughter, Kristine, resides with her family near Boston.

Plans in retirement? "We don't have any," Harry relates. "The wife and I will just play it by ear. I plan to continue to hit the little white golf ball and travel, but no firm plans have been made."

To Harry D. Baumgardner from the many people you have met in 28 years with Goodyear—from those many friends—good luck with your new career, a career you so richly deserve!



Richard Cross

**Work Safe—Play Safe  
We Need You**

## "Top Ten Club" Selections Made

The "Top Ten Club" recently was organized at GAT to recognize and honor top performance among Foremen. The program is based on ten general performance criteria. As a result, Foreman of any age level or years of experience are eligible.

On September 1, the "Top Ten" Foremen selections were made. Un-

fortunately, that date was too late for inclusion of names and pictures in this Clan.

Joseph Eyre was selected to serve as advisor for the 1978 club. Be on the alert for a special article and picture of the 1978 "Top Ten Club" members in the October issued of the Clan.



"Leave it to the janitors. They will pick it up." Is that the typical excuse you use? It doesn't take long for any work area to wind up like the one pictured above. Not only a safety hazard, a work area in this condition poses many safety hazards and fire hazards. For what can be done, check page 4.

## Plant Housekeeping—It's Everybody's Job!

"Just throw it on the ground like everybody else does. The janitors will clean it up eventually."

"This is a construction area. There's no way we can keep it organized with this work going on. Maybe in a few days when the job is complete."

It's a widespread belief that plant housekeeping practices are only for janitors and that maintaining orderly work areas is impossible in a busy industrial or construction environment. With these attitudes, the individual's responsibility to proper housekeeping is, in a sense, swept under the rug!

The relationship between housekeeping and safety is well proven. Everyone is familiar with the "roller skate on the stairs" scenario. On the job as at home, careless cleanup practices over a period of time will cause more accidents. If something is left on the floor, odds are that someone will eventually trip over it.

The probability of fires is equally increased when housekeeping practices are lacking. Oily rags, empty packing crates, and piles of scrap lumber are all invitations for a fire to start or spread into a real catastrophe.

Good housekeeping practices also prevent unnecessary material waste since unused items and tools are returned to their proper place for

later use. When work materials are left lying about, janitors are many times unable to determine what is trash and what is not. When things are picked up properly, the janitors are better able to complete their cleaning jobs.

Throughout plantsite, work activities can be enhanced by close personal attention to housekeeping needs. A clean and orderly work environment promotes pride and satisfaction in all endeavors.

So, developing and maintaining good housekeeping practices is everybody's job. Would yours qualify for the seal of approval?

## Editorial

September 18 through September 22 is "QUALITY ASSURANCE WEEK" at GAT. That week highlights the importance and recognition of Quality Assurance in the performance of every GAT employe, now numbering over 3,000. Quality Assurance means performing every job as error free as possible plus producing the best results possible.

Goodyear Atomic management recognizes and supports the quality assurance contributions of every employe in each and every job

Nate Hurt

## In Memoriam: Thomas J. Snead

Goodyearites were saddened by the sudden death of Thomas J. Snead on August 14 following a brief illness. He was in Paducah, Ky. on vacation at the time of his death.

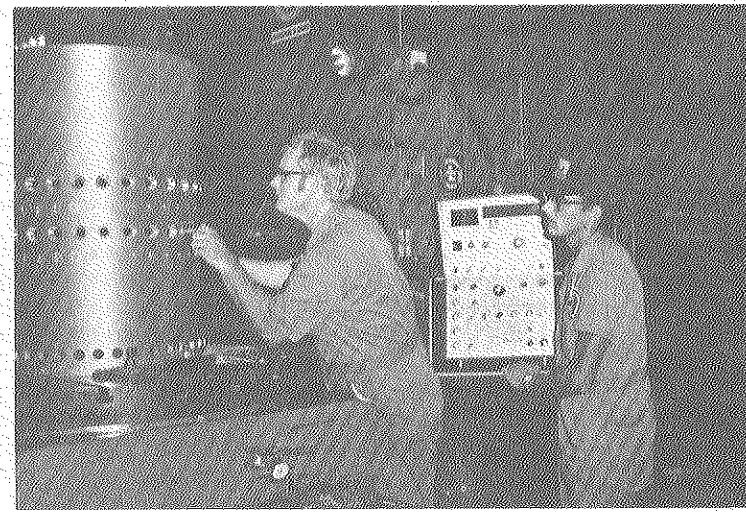
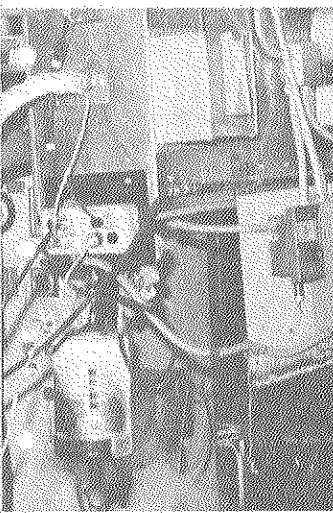
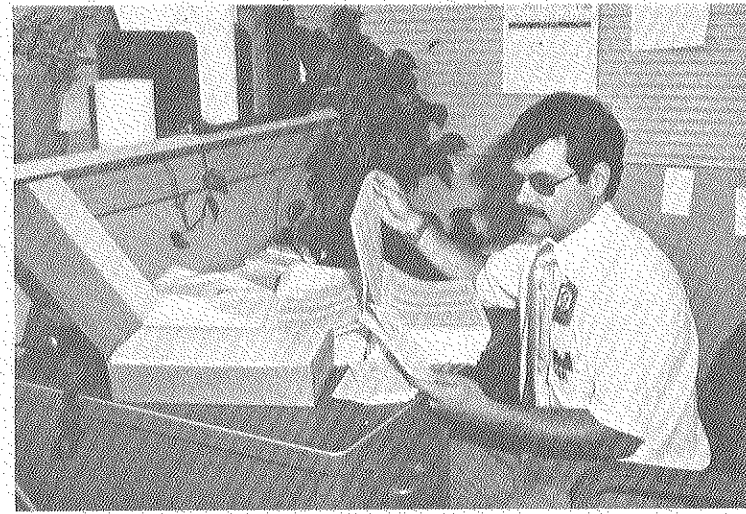
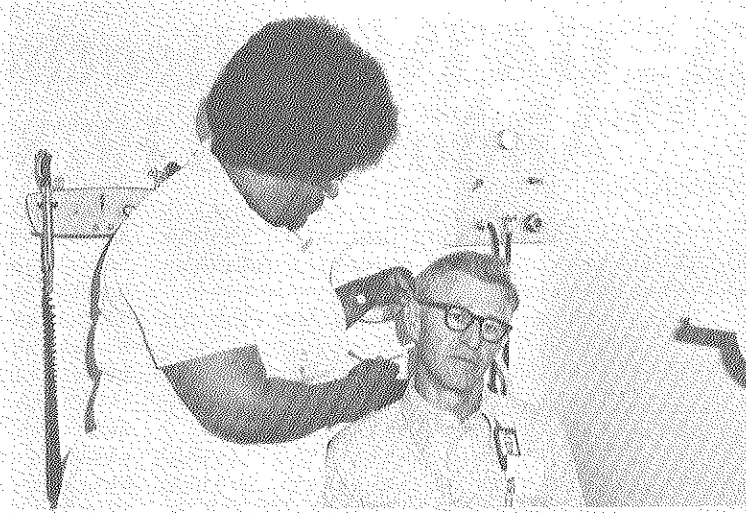
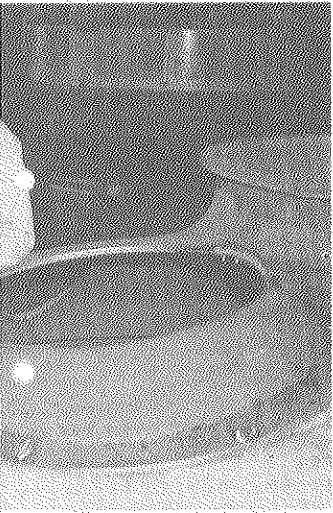
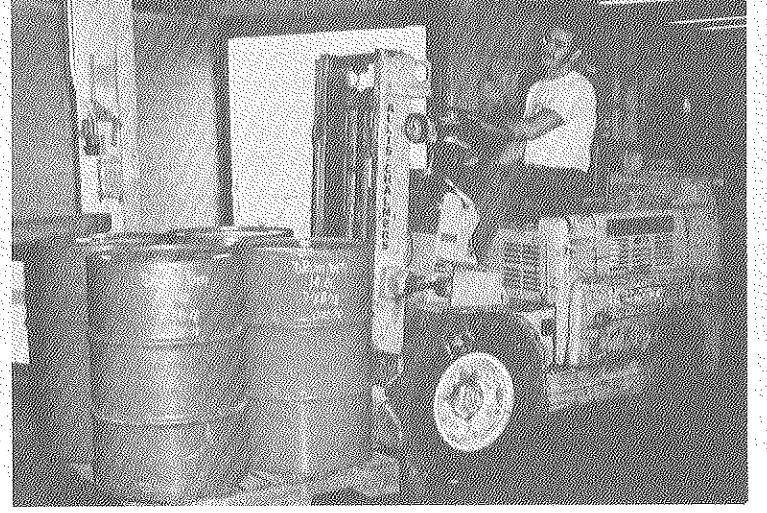
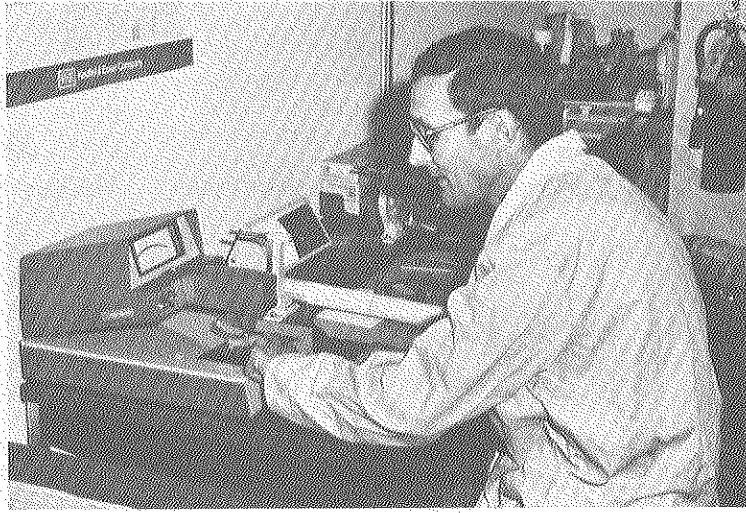
Tom Snead joined GAT in August, 1954 as a Lab Analyst Jr. At the time of his death he was a Technician Specialist in the Mass Spectrometry Department. He also was a member of the Waverly City Council.

He is survived by his wife, Mildred Huff Snead, and one son, Timothy Joe Snead.





# GAT EMPLOYEES MAKE QUALITY ASSURANCE WORK!



**In Three Divisions**

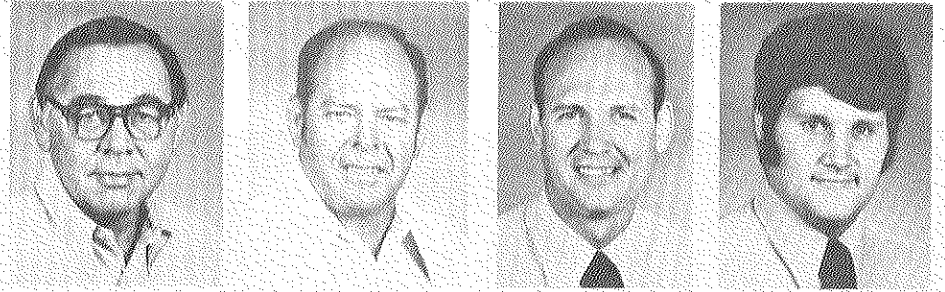
# Seven Promotions are Announced At GAT

Effective August 1, seven promotions were announced at Goodyear Atomic. They include:

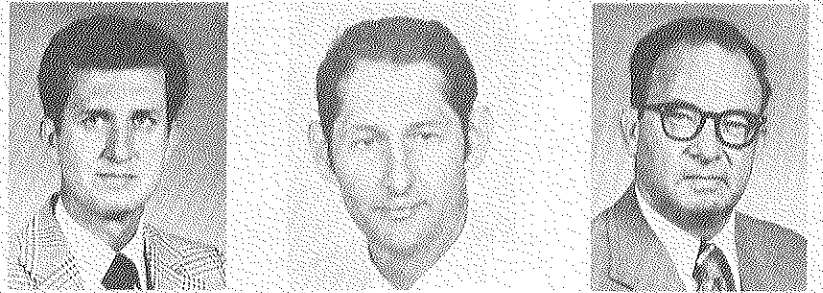
In the Maintenance Division, William F. Potts and William E. Conley were promoted to General Foreman-Maintenance. They report to Donald E. Rockhold, Supervisor. On the same date, Nathan L. Stone and Alex J. Uhrig were promoted to Foreman-Maintenance. They both report to Eugene E. Wilburn, General Foreman.

In the new 100 Division, Emory R. Smith was promoted to Security Investigator. He will report to Kenneth D. Baldwin, Superintendent, Security.

In the Chemical Operations Department of the Production Division, John P. Vournazos was promoted to Supervisor, Chemical Operations. He will report to William J. Lemmon, Superintendent, Uranium Operations. In a related move, Carl C. Worthington was promoted to General Foreman, Chemical Operations, reporting to Vournazos.



William Potts, William Conley, Nathan Stone, Alex Uhrig



Emory Smith, John Vournazos, Carl Worthington

**QUALITY WORKERS RECOGNIZED**

**QA REPRESENTATIVES**

**DEPARTMENT**

Barbara Webb	120
Bill Flanagan	122
Beth Bennett	221
Bill Justice	375
Marilyn Daily	424
Mary Lewis	426
Bob Tufts	552
Woody Green	561
Gregg Barch	611
Dave Ghearing	621
Alma Coriell	701
Glenn Johnson	711
Clarence Mullins	712
Mac McCoy	722
Bill Barnett	723
Cecil Harris	724
Frank Harris	725
Ralph Legg	731
Bob Ridge	731
Keith Argabright	735
Dennis Myers	816
Kathy Hutchison	852
Chris Christman	853
Roy Walters	911
Tom Maggard	923

\* Each GAT employe plays a keyrole in achieving our Quality goals. The employes listed above were selected as representatives of the various types of GAT employes, and are honored as Quality workers.

## GAT Chillicothe Club Announces 1978-79 Plans

The Chillicothe Goodyear Atomic Club is looking forward to another growing year since its founding December 1, 1976.

The officers serving the club for 1978-79 are: President, Sue Rockhold; vice President, Ginny Daniel; Secretary, Mary Schnegg and Treasurer, Barbara Taphorn.

The club meets the second Wednesday of each month September through May at 7:30 P.M. in the parlor at Trinity United Methodist Church in Chillicothe.

The new year began with a coffee on September 7 and a dinner on September 13. In addition to the regular monthly meetings, a Christmas dinner with spouses and guests, a Sweetheart Dance and a family picnic are planned.

New members from the Chillicothe and Waverly areas are always welcome. More information may be obtained by calling Linda Beltz in Waverly (947-2295) or Sue Rockhold (775-1660) or Cindy Solomon (775-0441) in Chillicothe.

### 1978 Golf Tourney

The 1978 Goodyear Atomic Golf Championship Tourney and Playday will be held on Saturday, October 7 at the Elks Country Club. The Tourney is open to all GAT employes. If interested, please complete the flyer which will be made available to every employe and return it to the Recreation Department, X-100 Building before the deadline. For any additional information, call Ext. 2158.

QAQAQAQAQAQAQAQAQAQAQAQAQAQAQA  
 A QA WEEK MEMENTOS A  
 Q The enclosed keychain and card A  
 A were provided for your use as Q  
 Q part of QA Week. A  
 A THINK QUALITY! A  
 Q QAQAQAQAQAQAQAQAQAQAQAQAQAQAQA

## Classifieds

FOR SALE—Older 4 bedroom home. Large living room, remodeled bath and kitchen, pantry, sun porch, and partial basement. Also a drilled well and 3 room building on 1-1/3 acres of ground on Rt. 220 East. Call Waverly, 947-2644 after 6:30 p.m.

FOR SALE—Ford Country Squire, very good condition, \$3,100. Phone 776-2491

FOR SALE—1974 Olds Cutlas S, V-8, Half Vinyl Roof, new tires and exhaust system. 37,000 miles, very clean. Phone 259-4129. Reasonable price.

FOR SALE—76 Ford Elite, 32,000 miles, Goodyear radials, superior

wheels, vinyl top, cassette deck, pierce Simpson 40 CH C.B.—\$4,900.00 or best offer. Also, 76 RM 370A Suzuki Motorcross Bike—\$800. 74 TM 400 Suzuki Motorcross—\$400. Call Anytime: 259-2421.

FOR RENT—HOUSE AT LAKE WHITE. Three bedrooms, living room with limestone fireplace, wall-to-wall carpet, 2 baths, family room with second fireplace plus bar with stove and refrigerator, garage. Great view plus dock in front of house. Single person or couple preferred. Call Waverly 947-5590.

WANTED TO BUY: Hummel Figurines, 1 piece or collection. Also wanted, round oak dining table. Call collect, 820-2607.

## Use Your Head Save Your Hands

The operator senses something is wrong with the machine. Not working right. He spots the trouble. A small adjustment will fix it. Just reach in there quickly and—accident!

We make great efforts to protect the eyes with safety glasses, the toes with safety shoes and the head with hard hats. For some work, protective gloves must be worn. But the hands usually remain vulnerable due to being the primary body part involved in machine operation and material handling.

There are guards to prevent hand

injury, of course, whenever possible on machines and equipment, but to be effective the guards must be used.

In effect, the greatest protection against hand injury, however, is the head. Use it. Think. Make sure your brain knows what your hand is doing, what it's poking itself into. All too often the victim of a hand injury is heard to say, "I just wasn't thinking."

Beware of common "pinch points" that exist on a job. Know the operating features of the machine you are running. If in doubt, ask your supervisor for instructions.