



— Y-12 BULLETIN

A Newspaper For Y-12 Employees of Union Carbide Corporation—Nuclear Division

VOL. 20 — NO. 39

OAK RIDGE, TENNESSEE

Wednesday, September 28, 1966

Gemini-11 Flight Included Radiation Detection Devices Made At Y-12-ORNL

Samples of human blood and neurospora (bread mold) were irradiated aboard the recent Gemini-II orbital mission in irradiation devices prepared here. Both Oak Ridge National Laboratory and Y-12 participated in the venture.

The purpose of the experiments, conducted by the Laboratory's Biology Division for the National Aeronautics and Space Administration, was to determine the combined effects of weightlessness and radiation on blood cells and mold.

The irradiators, designed and fabricated in Y-12, were virtually identical to the device used to irradiate blood cells in the Gemini-3 mission in 1965.

Each device is a hermetically-sealed aluminum box, about the size of a man's hand, containing discs of radioactive phosphorous and five compartments for specimen of the material to be irradiated. The design permits irradiation at four different dose levels and a non-irradiated control. Each unit also carries tiny instruments for recording temperature and radiation dose.

The phosphorous sources, which emit beta radiation, were prepared by ORNL.

Unlike the Gemini-3 mission, the irradiator used for the Gemini-II blood experiment was housed in a refrigerated bracket, also designed and fabricated by Y-12, attached to the inner wall of the spacecraft. Refrigeration was required because the Gemini-II mission was longer than the Gemini-3 flight and blood cells are perishable.

The blood irradiation device was actuated only a few hours before the mission ended. A simple twist and push of the operating handle placed the target samples between pairs of radiation sources. Approximately one hour later, the experiment was terminated by retracting the handle.

The bread mold was irradiated during most of the flight.

Duplicate devices were operated simultaneously on the ground at the launch site to provide control data for comparison.

Following the flight, samples of the blood and neurospora were removed from the space capsule and are currently being examined by ORNL biologists. Test results will be compared with results from the control samples irradiated on the ground.



UNITED FUND DIVISION MEN met last week to coordinate the big 1966 drive in Y-12, which gets underway next week. In the front row, from left, are J. L. Brown, Assembly; W. A. Moles, treasurer; Marvin Schwenn, Plant Chairman; N. A. O'Neal, co-chairman; R. C. Dreyer, Superintendents; and J. A. George, Industrial Relations. In the second row are John Lay, Production Engineering; R. G. Dunn, Accounting and Budgets; F. D. Bender, Shift Superintendents; R. E. Webb, Development; and W. T. Mee, Technical Services. In the back row are H. E. Cornell, Fabrication; W. E. Heckert, Maintenance; T. A. Hart, auditor; J. R. Thorpe, Metal Preparation; and J. W. Hodges, Engineering. Absent when the photo was made was Glenn A. Atchley, another co-chairman: Atchley is with the International Guards of America, Local 3; and O'Neal is secretary-treasurer of the Atomic Trades and Labor Council, AFL-CIO.



A 'SEALING ARRANGEMENT FOR PISTON CYLINDER pressure vessel' brought A. E. Smith, center, a patent application recently. George Marrow, Chemical Engineering, left, presents Smith his congratulatory letter, as H. T. Kite, also of Development, looks on.



ANOTHER PATENT APPLICATION was granted in the Development Division recently, to R. B. McLees, center, for his development of a ceramics material. L. M. McLaughlin, Ceramics and Plastics, congratulates him on the left, along with H. T. Kite, right.

United Fund Drive Begins In October; Y-12 Goal Set

October is traditionally United Fund Drive time in Y-12. Already plans have been made to implement the campaign in the plant. Every employee will be contacted by his division solicitor. Y-12's goal, this year, has been set at \$89,000, slightly more than what was raised in last year's drive.

Individual cards, showing how much an employee is giving and where, have already been issued the divisional representatives who will coordinate the efforts and appoint their solicitors.

"Fair Share" is called "Needed Share" this year . . . as Anderson County has announced a budget of \$180,000 to serve its 20 campaigns-in-one. Anderson County agencies, alone, encompass the activities of many Y-12ers or members of their family, many working without salary in these worthwhile endeavors. (Ken Sommerfield is president of the Boys' Club of America; Mrs. M. J. Fortenberry is president of the Anderson County Association for Retarded Children; and so the list goes. Many other Y-12ers act in various Red Cross capacities . . . first aid instructors, Grey Ladies, etc.)

Knox Goal Set
Knox County's goal is \$1,112,005 for its 33 agencies . . . Loudon County's 30,895 . . . for its 14 campaigns-in-one. And so the list goes. Many outlying communities rely on solid support from the AEC installations in Oak Ridge, as a good portion of their citizens work here.

Marvin F. Schwenn, who is acting as Y-12's fund chairman this year, announces his assistants for the drive. N. A. O'Neal and G. A. Atchley will act as co-chairmen. Representing the divisions throughout the plant will be J. W. Hodges, Engineering; J. R. Thorpe, Metal Preparation; T. A. Hart, auditor; W. E. Heckert, Maintenance; H. E. Cornell, Fabrication; W. T. Mee, Technical Services; R. E. Webb, Development; F. D. Bender, Shift Superintendents; R. G. Dunn, Accounting and Budgets; John Lay, Production Engineering; J. A. George, Industrial Relations; R. C. Dreyer, Superintendents; W. A. Moles, treasurer; and J. L. Brown, Assembly. Each division coordinator will appoint the number of solicitors he deems necessary to contact every man and woman in his division. Each solicitor would have at least 30 employees to contact.

Anderson County United Fund
Continued on Page 4

M. F. Schwenn Leads United Fund Campaign

Marvin F. Schwenn, Fabrication Division Superintendent, will spearhead the United Fund Drive in Y-12 this year. Last week he met with divisional representatives from throughout the plant to coordinate the "once-a-year" fund drive.

A native of Madison, Wisconsin, Schwenn began his Carbide days in Oak Ridge Gaseous Diffusion Plant February 10, 1944. Prior to coming to K-25, he had been with the National Aniline Division of Allied Chemical and Dye Corporation, Buffalo, New York; and the Hercules Powder Company, Radford, Virginia, and Lawrence, Kansas.

After holding down several supervisory and managerial positions in K-25 he transferred to Y-12 August 1, 1962.

He holds a BS degree in chemical engineering from the University of Wisconsin. Married to the former Helen Rose Kopp, he lives at 101 Nolan Road, Oak Ridge. The Schwenn's have two daughters, Margaret and Carolyn.

N. A. O'Neal and Glenn A. Atchley will act as co-chairman of this year's United Fund Drive.

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
34 Days Or
982,000 Man-Hours
Through September 25
Without A Disabling
Injury
Phone 3-7755
(Unofficial Estimate)
For Daily Report
On Accident-Free Hours



The Bulletin

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CORPORATION



NUCLEAR DIVISION

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Mississippi Rites For S. W. Owen

The Research Services Department was saddened by the recent death of Samuel W. Owen Mr. Owen worked Friday, September 16, and died at his Norris home Friday night of an apparent heart attack.

He was born in New Albany, Mississippi, and came to Y-12 September 8, 1953. He had worked in construction and plumbing in Mississippi and Alabama most of his life.

Surviving is his wife Mrs. Corinne Parks Owen, 143 Orchard Road, Norris; a daughter, Mrs. Rosemary S. Garner, Memphis; and a son, Lieutenant Sam Walton Owen II, with the U.S. Army in Germany. His mother, Mrs. Minnie Rutledge Owen, New Albany, Mississippi; and a sister, Mrs. Virignia O. Bardsley, Clemson, South Carolina, also survive.

Arrangements were made Tuesday, September 20, for returning the body to New Albany for burial and interment.

Sincere sympathy is extended the Owen family.

Playhouse Sets Dance Saturday

The Oak Ridge Playhouse is staging its annual dinner-dance soiree Saturday, October 1. Festivities get underway with dinner at 7:30 p.m. at the Oak Terrace, Oak Ridge. Dancing starts at 9.

Music for the party will be provided by the Sundowners.

The party is open to membership and the public also . . . anyone interested in becoming better acquainted with Oak Ridge's thespian activities.

Cost of the entire party is \$3.50 per person . . . or \$1.50 for the dance only. Reservations may be made through Joan Silva, Oak Ridge telephone 483-9641, or Zela Dworkin, 483-1284.

Entertaining skits will be presented during intermission Saturday night.

Bright Lights Danger For Car Ahead, Too!

Dim your lights when overtaking another car as well as when meeting an oncoming car. Switch to low beams early as you gradually overhaul the car ahead. Bright beam lights from the rear are almost as hazardous to a driver as glaring lights from oncoming traffic.

Sunny Climes To Greet Y-12's September Retirees

Two veteran Y-12ers mark retirement dates this week . . . as Howard A. Adcock, Garage, and Joe T. Adkins, Area Five Maintenance, both terminate formally their associations, to begin exciting and challenging futures in retirement.



Howard H. Adcock
6-13163



Joe T. Adkins
6-13164

Howard H. "Red" Adcock, a native of Knoxville, marks nearly 22 years of service in Y-12. He came here December 18, 1944 . . . after working with Southern Railroad, L&N Railroad, the Tennessee Valley Authority . . . and market managing at the old Western Avenue Market. His two stints with TVA saw him active at Norris, Ft. Loudon and at the headquarters office in Knoxville.

Married to the former Margaret Anderson, "Red" lives at 518 Delaware Avenue, Oak Ridge. The Adkins have two sons and two daughters . . . John, Route 2, Knoxville; and William, Oak Ridge. Their daughters, Marjorie Smith and Mary Dawson, live in Knoxville and Indian Rocks, Florida. They have nine grandchildren.

Have Trailer—Will Travel

Winters in Florida (they own a house-trailer) promise relief from East Tennessee winters. A chance to travel and just take it easy offers some pleasant change from work for the retiring garage-man.

Joe T. Adkins was born in Youngs Creek, Kentucky. He, too, worked with the L&N Railroad (two stints . . . in Louisville and Corbin, Kentucky). He also worked with the FMD Construction Company, Corbin, and his own wholesale grocery business there. He briefly managed the Skyway Theatre in Oak Ridge before coming to Y-12 April 9, 1952.

Mrs. Adkins is the former Fannie Taylor. They have a son who is a major in the U.S. Army in Germany (with a 14-year-old son who is showing West Germans a thing or two about baseball pitching); a son, William G. who teaches vocational training at Libby High School, Toledo, Ohio; and Mrs. Peggy A. Lyons, Oak Ridge, secretary to Dr. Alvin Weinberg, Oak Ridge National Laboratory. A total of five grandchildren make up the Adkins clan.

To South America

Strange new lands and challenges face the retiree almost immediately. He and Mrs. Adkins are planning a trip to Brazil in South America. He purchased 1,004 acres of land in the far South and plans to spend some time down there . . . a week or even perhaps an entire winter (it will be spring, there!) to see what can be developed on the acreage.

After the South American jaunt, the Adkins also plan to visit Major Adkins and his family in Germany.

Permanent headquarters, however, will be at the 100 South Tampa Lane, Oak Ridge, home.

The plant extends its very best wishes to September's two retirees.

L. S. Hall Will Chair Roane Co. School Board

Community activities keep Y-12ers Luther S. Hall, Ed Owings and Albert A. Armour busy.

Hall, Tool Grinding, was recently named chairman of the Roane County School Board . . . succeeding Armour, Buildings, Grounds and Maintenance Shops. Owings, SS Control, is also a former chairman.

These elected officials in near-by Roane County guide the school system for the county.

AEC Films Space A-Energy Aspects

"Atomic Energy for Space" is a new color motion picture available for loan through the Atomic Energy Commission here.

The 16-mm film, which runs 17 minutes, is a lay-level production, particularly suited for junior and senior high school audiences. It was produced with the technical assistance of both the AEC and the National Aeronautics and Space Administration.

The film explains that only atomic energy can satisfy some of the future power needs for exploration of deep space. Information is presented on how nuclear energy for space is being developed through two basic applications: the nuclear rocket for space propulsion, and an isotopic or reactor power plant which can produce electricity essential for spacecraft operations.

The film may be borrowed without cost from the Film Loan Library, AEC, P.O. Box E, Oak Ridge.

Broken Glass Hazard On Bathroom Floors

A glass container slipping out of a wet hand over a hard sink can mean trouble. Clean up broken glass carefully and quickly as possible. Use paper towels to get up larger pieces and wet cotton to pick up small glass splinters. Clean up any liquid on the floor. Notify other members of the family as to what has happened. Warn them to wear slippers or shoes in the room.



MR. AND MRS. GEORGE KESTERSON admire the new color television set he won recently in a national contest. Just three weeks ago George installed an antenna which would bring in color . . . hoping one day to own such a set. He does now, thanks to a "little bit of luck."

George Kesterson Wins Color TV In National Gasoline Company Contest

How many times have you said, "But I never won anything in my life!" Well, George Kesterson, Chemical Services, can't say that . . . and doesn't. He has won many things, in drawings, punch boards, etc.

The latest addition to the Kesterson home is a beautiful 23 inch color television . . . thanks to the Pure Oil Company. In a national contest, the gasoline company issued three types of coupons with each purchase. The first two entitled you to free gasoline . . . and the third entitled you to the big drawing for prizes . . . distributed all over the United States and Canada.

George says he managed to place seven entries in the big sweepstakes contest and came up with the T.V.!

"I thought it would be modest, portable-type television when notified I was one of the winners. My wife and I were stunned when the beautiful walnut Motorola arrived. I just three weeks ago put up a color television antenna for that long-off day when we would

buy one. Now we don't have to do that," Kesterson gleamed.

"I guess I'm just lucky. I have won guns, even won some lots once on the lake," he grins.

The old black-and-white set was moved into the bed-room at the 100 Anna Road residence. "I was going to watch the ball-games in there . . . but now they are in color . . . so somebody else can watch the black and white television in bed," the happy Kesterson stated.

Adjustors, who came to install and synchronize the set, estimated the television set at \$750.

(Now we know where to go to watch the World Series!)

AAUW Announces Foreign Films

The American Association of University Women is again sponsoring the Foreign Film Series. The eight annual program begins Sunday, October 2. "The Old Dark House," suspense-comedy, starring Robert Morely opens the season Sunday at Jefferson Junior High School Auditorium. Two showings are featured, one at 7 and one at 9 p.m.

Other films in the series include Italian and French comedies starring celebrated actresses Anna Magnani and Gina Lollobrigida; a Greek drama starring Melina Mercouri, and a prize-winning Russian drama.

The other announced films are: "Beauties of the Night," November 6 . . . "The Cranes Are Flying," December 4 . . . "Stella," February 5 . . . and "The Golden Coach," March 5.

Proceeds for the series will go to the AAUW Fellowship Fund which assists American women in acquiring post-graduate degrees. In addition, AAUW brings 50 foreign women to the United States for post-doctoral study each year.

Season tickets are now on sale for \$3 each for the entire series. They may be obtained from any AAUW member or by contacting Mrs. Marion H. Randolph, 225 Villanova Road, or Oak Ridge telephone 483-5345.

Single performance tickets will be available at the door before performance for 75 cents.

Plane To Photo AEC Area Here

An Alabama Air National Guard plane will be in the air over Y-12 environs next week . . . making aerial photographs of a portion of the Atomic Energy Commission acreage.

The plane will be a unit from the 117th Tactical Reconnaissance Wing, Sumpter Smith Air National Guard Base, Birmingham.

The craft will be flying in a north-south direction over some 300 acres of forest area between Bethel Valley and Bear Creek Roads. The plane will fly at approximately 3,000 feet altitude.

Photographs taken of the vegetation in the area will assist in mapping ecological research areas for Oak Ridge National Laboratory.

CLEAN WORK AREAS

Spread a sheet of plastic wrap over your work area for easy clean-up afterwards in the kitchen. This feature makes it particularly useful when disposing of coffee grounds, reports the "Glad" Home Service Group.



SUE AND PAUL TRENT show off trophies they took recently in the Smoky Mountain Archery competition. Both took top honors in the recent shoot-out staged among local arrow-slingers.



Trents Are Archer Champs In Meet

Twang!

Paul E. Trent, down in Chemical Engineering Development, is an Archery Champion! So is his wife Sue.

Paul recently capped honors in the Smoky Mountain Archers duel . . . firing a 936 of a possible 1120. He dethroned Doug Bruce by a margin of seven points. Bruce held the undisputed title for the past two years . . . until this summer.

Trent was trailing by 39 points when the archers moved into the 14-target animal round, the last event on the card. He fired a near-perfect 268 from a possible 280.

Under the Smoky Mountain Archers rules, only barebow shooters are eligible for championship. Barebow shooting means firing without sights, depend on your own judgment to put the arrows where you want them to go.

Trent's wife, Sue, shooting in the Class A Women's Barebow, was female champion with a score of 650.

With Central Peninsula so near their Norris home . . . Archers Sue and Paul can readily appreciate the Game and Fish Commission's preferential treatment of archers for deer hunts every fall.

Later, Paul, representing the Smoky Archers, took top honors in the Hiwassee Bowman's Silver Dollar Invitational . . . with a score of 902 for 28 field rounds (14 hunter and 14 animal targets).

Sam Campbell Is Tennis King-Pin

Sam Campbell repeated as Y-12 Tennis Champion again this year . . . taking seven wins, no losses. He had already topped off the league's first half with a spotless record.

Campbell took Martin West 6-2, 6-4 . . . and Don Legacy 6-1, 6-0. Other matches saw Bill Hackett defeat Legacy 7-5, 6-1 . . . and James White 6-0, 6-0.

Jim Froula defeated Campbell King 6-3, 7-5 . . . losing to Hackett 6-2, 6-2, after winning the first set 7-5.

Hackett and Ed DelGrande must finish the schedule before a second-placed man can be crowned.

Nothing is more deflating than returning from a vacation trip and having a friend ask, "When are you leaving?"

Fish Rodeo Tops Named -- 8 Species

An interim Fishing Contest has just been finished in Y-12. Winners in the eight - species race have been announced by the Recreation Department. The contest ended September 11 . . . after a March 12 opening.

(This interim competition is aside from the Annual Fishing Rodeo. A big catch can be entered in both contests . . . the only difference is that the Annual requires a photograph, and a different form to enter.)

Many of the below listed winners have their catches enrolled in the annual competition . . . hence, no sizes or weight are given.

Winners are:

LARGEMOUTH BASS

1. B. O. Miller, Chemical Services.
2. C. L. Scaff, General Mechanical Engineering.
3. W. M. Eads, Chemical Services.

SMALLMOUTH BASS

1. John S. Orr, Area Five Maintenance.
2. E. E. Cook, Electrical.
3. R. E. Gibson, General Machine Shop.

STRIPED BASS

1. J. H. Case Jr., Dimensional Inspection.
2. John R. Bosson, Process Maintenance.
3. E. C. Gross, Electrical.

BREAM, BLUE GILL

1. E. M. Coburn, General Metal Fabrication Shop.
2. Elbert Scott, Guard Department.
3. H. N. Benninghoff, Shift Superintendents.

CRAPPIE

1. Emmett L. Moore, Fire Department.
2. Dave Turner, Fire Department.
3. J. A. McLain, Utilities Administration.

SAUGER PIKE

1. Clay Smith, Physical Testing.
2. E. L. Bentley, Safety Department.
3. No Third Place . . . only two entries.

WALLEYED PIKE

1. Arden D. Leach, Assembly Operations.
2. J. P. Grubb, Chemical Services.
3. John G. Harber Jr., ORNL Chemical Services.

TROUT

1. C. P. McLemore, Beta Two Shop.
2. Glen Owen, H-2 and F-Area Shops.
3. J. A. Jackson, SS Warehousing and Shipping.

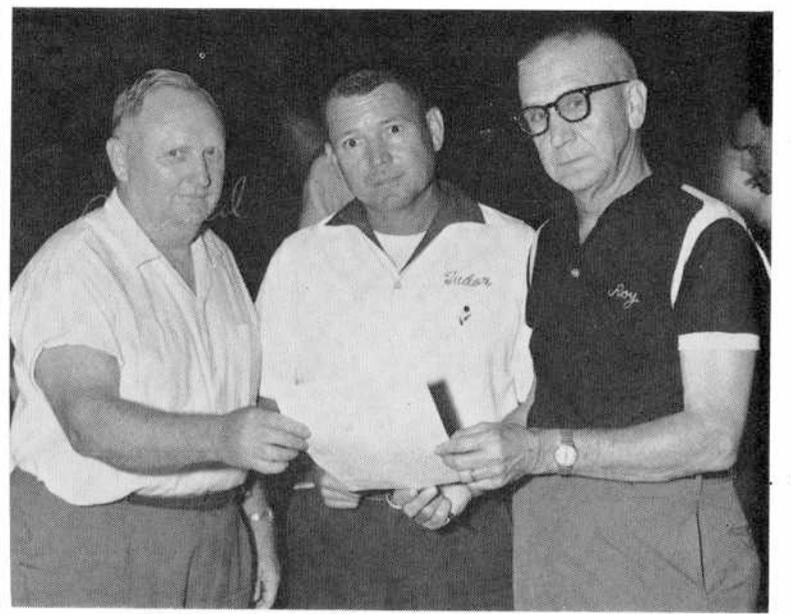
Winners will receive a spinning rod for first place, a trout basket for second place, and a bait box for third place entries. Only one species went begging as the Sauger Pike division received only two entries.

The Annual Rodeo extends on through December. So, if it's fishing you're going, be sure to have that camera ready for those spectacular catches.

Winners in the interim contest will be notified when their awards are in.

Cataract Surgery Is Very Often Successful

Like frost on a window pane, cataract is a cloudiness within the lens of the eye that blocks the passage of light. Surgery is the only recommended method of treatment for cataract and is successful more than 95 times out of 100 in those patients for whom an operation is recommended.



NEW CLASSIC LEAGUE BOWLING OFFICIALS check the 16-team entry listing. Above, from left, are George Cantrell, vice president; J. H. (Tudor) Boyd, president; and Roy Roberts, secretary-treasurer.

Bumpers Assume One-Point Lead In Classic 16-Team Bowling Race

The Bumpers barged into first place standings in the Classic Bowling League last week with a three-point win over the Has Beens. Four-point victories went to the Swingsters over the Rebels and the Splinters over the Eagles.

Other three-point wins went by the board, as the Cubs took the Rippers, the Tigers tore into the Markers, and the Wasps clipped the Eightballs. The Smelters-Screwballs, Playboys - All Stars tilts ended in draws, each team taking two.

Elmer Johnson, Splinters, was hot on singles, rolling a 243 scratch, 274 handicap game. Ray Galford, Bumpers, posted a 590 scratch series; while Otis Rackley, Swingsters, played a 671 handicap series.

The All Stars zeroed in on singles, 871 scratch, 1002 handicap. The Rebels racked up a victory on scratch series scoring with a 2538 . . . and the All Stars returned to the board with a 2908 handicap series count.

League standings follow:

Team	W	L
Bumpers	10	2
Smelters	9	3
Swingsters	9	3
All Stars	8	4
Rebels	7	5
Cubs	7	5
Tigers	7	5
Has Beens	6	6
Screwballs	6	6
Splinters	6	6
Eightballs	5	7
Rippers	4	8
Markers	4	8
Playboys	4	8
Wasps	4	8
Eagles	0	12

PERFECT FORM is displayed by Paul Trent, sighting-in freestyle competition. Only in freestyle firing is the nimrod allowed the use of sights. Barebow shooting is done by judgment.

Mustangs Sweep Mixed Alley Hi's

The Mustangs maintained their Mixed Bowling League lead last week by taking three points from the Roses 'N Thorns. Upcoming teams also rolled past opposition by the same score, as the Twisters turned over the Goofers, the Rollers passed by the Novices . . . and the Alley Cats took the same count from the Hits & Misses.

Virginia Newby, Goofers, swept all individual honors . . . sharing only singles scratch with Joyce Gillihan, Rollers, both rolling a 168. Virginia's handicap single was 222 . . . her series were 476 and 638.

Spence Ferguson, Twisters, took singles honors, scratch of 217, handicap of 257. Roy Scates, Mustangs, rolled a 541 scratch series and Spence returned to the board with a 647 handicap series.

The Mustangs swept the boards . . . singles of 675 scratch, 807 handicap . . . series of 1865 scratch, 2261 handicap.

League standings follow:

Team	W	L
Mustangs	10	2
Twisters	7	5
Rollers	7	5
Goofers	5	7
Hits & Misses	5	7
Roses 'N Thorns	5	7
Alley Cats	5	7
Novices	4	8

Loose talk is very dangerous.

Galford Sets C Alleys A-Flame!

Fancy alley-work by Ray Galford, Sunflowers, highlighted the C Bowling League's activity last week. The 'Flowers are right up there tied with their old friends the Rounders . . . both with seven points on the plus side, one on the minus.

Te Sunflowers won four points from the Big Five last week . . . as did the Badgers over the Strikers and the Fireballs over the Invalids.

Three points went to the Rounders past Ray the Royal Flush, the Rodders over the Rollmasters and the HiLifers over the Parbusters.

Galford's single game 217 scratch, 245 handicap was high . . . his series of 625 scratch, 719 handicap was high also.

The Fireballs captured singles highs with 880 scratch, 1065 handicap. Their 2976 series handicap tally was high also. The Sunflowers edged in to take scratch series honors with a 2467.

League standings follow:

Team	W	L
Sunflowers	7	1
Rounders	7	1
Rollmasters	5	3
Badgers	4	4
Invalids	4	4
Fireballs	4	4
Rodders	4	4
Strikers	4	4
HiLifers	3	5
Royal Flush	1	7
Big Five	3	5
Parbusters	2	6

Recreation



Sunday, October 2

SKEET TOURNAMENT: 1 p.m., Oak Ridge Sportsmen's Association.

Monday, October 3

BOWLING: 5:45 p.m., C League, Ark Lanes.

BALLROOM DANCE INSTRUCTION: 7, 8, 9 p.m., Coral Room, Ridge Recreation Hall.

Tuesday, October 4

PHYSICAL FITNESS: 7:30 p.m., Oak Ridge High School Gymnasium.

Wednesday, October 5

SMALLBORE RIFLE LEAGUE: 7 p.m., Clinton Indoor Range.

BOWLING: 8 p.m., Mixed League, Ork Lanes.

Thursday, October 6

BOWLING: 5:45 p.m., Classic League, Ark Lanes.

PHYSICAL FITNESS: 7:30 p.m., Oak Ridge High School Gymnasium.

Lake Litter Has Many Ill Side Effects

Trash? Litter? Empties? Don't heave them overboard! Carry a litterbag in your boat on that next outing. Hold everything for the first trash container on shore or take it home for proper disposal. Remember — our waterways belong to us all. Litter pollutes the waters . . . fouls propellers . . . spoils fishing fun . . . disturbs the beauty of the lakes. And it costs money to pick it up, too. Every litter bit hurts . . . YOU. America's beauty is the duty of us all. Please help.

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Y-12 Braves Are Softball Champs

Y-12 Braves gave the plant a Softball hero for the first time in many moons. The big team took the single elimination tournament last week from the hands of the Red Devils, ORNL's hopes for the summer in the sand-lot league. (The Devils and Braves face a best-of-three play-off this week for League championship.)

In the deciding game, the Braves began the game by scoring two runs in the first inning . . . and were never in trouble. John Evans and Jim Shoemaker poled homers for the winning Y-12 team . . . Jim Carter for the losers. A costly error in the fourth inning gave the Braves two extra runs to really put the battle on ice. Final score: Braves, 6 . . . Red Devils, 3.

In semi-finals the Devils plastered the Y-12 Eagles 21 to 9 . . . Carter and Charlie Dunn knocking two homers, Tom Coffey with one for the victors. Hugh Richards came through with two for the losing Y-12 squad. Big innings for the Devils came in numbers one, two and seven as they scored six, four and six respectively.

Beat Out Bat Boys

The Braves gained the semi-finals by downing a fellow Y-12 team, the Bat Boys, 9-0. Seven of their nine runs were earned in the third inning. Jim Shoemaker tripled, Ray Riggs doubled twice, and Bob Cuton doubled once accounting for part of the 12 hits the Braves batted out. The BB's only earned three hits the entire game.

Quarter-finals saw the Eagles march past the ORNL Bio crowd, 14 to 11 . . . with Hugh Richards homering for the winners, Ed Ballif for the losers. The Eagles out-hit the Bio team 20 to 14.

The Red Devils trounced Isotopes Reactor (early league treats) 17 to 7 . . . out-hitting them 17 to 8. Butch Armistead homered for the IR team. Seven errors by the Reactors also accounted for the lop-sided score.

Y-12's Bat Boys advanced their hopes in the tournament Wednesday at Oakwood by overcoming the Health Physics team 17 to 12. George Reese homered for the winning BB team. Hitting average added up to 22 for the Boys . . . 18 for the HP group.

Down X-10 Mets

The Braves began their cham-



Anytime is a better time to be alive than dead . . . but particularly with October's bright blue weather in full abundance. More Y-12ers cross important milestones with Union Carbide Corporation. Congratulations.

20 YEARS

Charles C. St. John, Research Services, September 29.

Jerry A. George, Industrial Relations Administration, September 29.

Joel F. Jennings, Fire Department, October 4.

15 YEARS

Arthur R. Melton, Buildings, Grounds and Maintenance Shops, September 28.

Irene F. Ridings, H-1 Foundry, October 1.

Joseph S. McCarty, General Field Shops, October 1.

Wallace E. Pierce, Buildings, Grounds and Maintenance Shops, October 1.

Rosie B. Strong, Chemical Services, October 2.

Richard M. French, Dimensional Inspection, October 3.

Roland A. Guy, Graphite Shop, October 4.

10 YEARS

James R. Moyer, Buildings, Grounds and Maintenance Shops, September 28.

pionship march last week by taking the X-10 Mets 7 to 0. The Mets tallied with only two hits, as the Braves earned six . . . two in the first inning, one in the fourth and fifth, and two in the final.

Jerry Babb and Bill Butterini earned important doubles to help their winning cause.

Thus, the Red Devils and Braves will write "finis" to the exciting end of Softball for the summer. This week's games were set for the beginning of the week . . . with the hopes that Indian Summer has come and the rains gone!

TO WORK ON TIME

An engineer said to a new stenographer in his office, "I hope you understand the importance of punctuation."

"Oh, my yes," beamed the bright young thing. "I always get to work on time."

Badge Exchange Begins October 1

Monday, October 3, Y-12ers will be greeted at the portals by new badges. The yellow-bordered tags are back in the quarterly swap.

Each employee will exchange his in the self-service racks at each portal. The badges are arranged in numerical order. Just take the new one and slide the old one back in the slot where you got it.

The new badges will stay up at the portals through 11 p.m. Tuesday, October 11. If you wait that long, however, you'll have to come by Badge and Pass. No old blue-bordered badges will be honored at the gates after the October 11 deadline.

United Fund

Continued from Page 1
 workers kick off their campaign October 3. Many other nearby communities will begin their drives next week, too.

As usual, Y-12 employees will have a choice of five counties to which they may give through payroll deductions: Anderson, Knox, Loudon, Roane and Morgan. Other counties may be listed as recipients, but these will, of necessity, be of a cash donation.

A slide-sound track program explaining Anderson County's 20 participating agencies will be scheduled throughout the month of October in our safety meetings. If you do not live in this county, but prefer to give in another locale, just remember that many of the same agencies benefit your own community as well. (The Daniel Arthur Rehabilitation Center serves six counties in this area . . . giving professional help to handicapped children and adults . . . both physically and mentally.)

So it's our turn to give. Let's make 1966 another big year in United Fund giving. The plant has never let this or other communities down. We shall not fail this year either!

TEACHER TALK

Teacher, to father: "Johnny's a good student, but he talks too much."

Father: "Sister, you ought to meet his mother!"

6-13145



HOWARD - ELAM

Miss Mary Ruth Elam and Mr. James Daniel Howard were married Saturday, September 3, at 7 p.m. The rites were performed at the Glenwood Baptist Church, Powell, with the Reverends Olen Cornelius and Charles M. Sharits, officiating.

The bride is the daughter of Mr. and Mrs. Windred O. Elam, Heiskell (he's head of the plant protection forces in Y-12); and the groom is the son of Mr. and Mrs. James A. Howard, Chattanooga.

Mrs. J. Earl McCall played Bach Chorale selections on the organ for the nuptial music.

The bride, given in marriage by her father, wore a full length gown of ivory peau de soir with a high rise waist-line, kabuki sleeves and sheathed skirt, banded in Alencon lace. The gown had a removable train. Her flowers were white gardenias surrounded by yellow rose buds on a white Bible.

Miss Anne Elam served her sister as maid-of-honor; and Michael Emery, cousin of the bride, was ring-bearer.

The groom's attendants were David Elam, best man; Jimmy Hicks and Steve Sharits as ushers.

A reception at the home of Mrs. J. F. Emery, aunt of the bride, honored the couple immediately following the ceremony.

Mrs. Howard is a graduate of Judson College, Marion, Alabama, and holds an MD degree from the University of Chattanooga where she was elected to membership in Pi Gamma Mu, honorary sorority. She is presently teaching French and English at Chattanooga City High.

The groom served three years in the U.S. Marine Corps and is now attending the University of Chattanooga on a scholarship where he is employed as assistant librarian.

The couple is at home at 760 Oak Street, Chattanooga.



Mr. and Mrs. James D. Howard



Ride wanted or will join car pool from Woodland Area, Oak Ridge, to North Portal, H Shift. L. M. Steckel, plant phone 3-5944, home phone Oak Ridge 483-0592.

Will join car pool from North Knoxville, Woodland Area, to North Portal, straight day. Lillian Garrett, plant phone 3-7558, home phone Knoxville 523-3820.

Two car pool members wanted from East Village section, Oak Ridge, to North Portal, straight day. R. C. Anderson, plant phone 3-7955, home phone Oak Ridge 483-7221.

Ride wanted or will join car pool from West Outer Drive area, Oak Ridge, to North Portal, straight day. O. M. Taylor, plant phone 3-7306, home phone Oak Ridge 483-5685.

Siren Test Is Set For Sunday

A regularly scheduled siren test will take place in Y-12 Sunday, October 2, at 9 a.m.

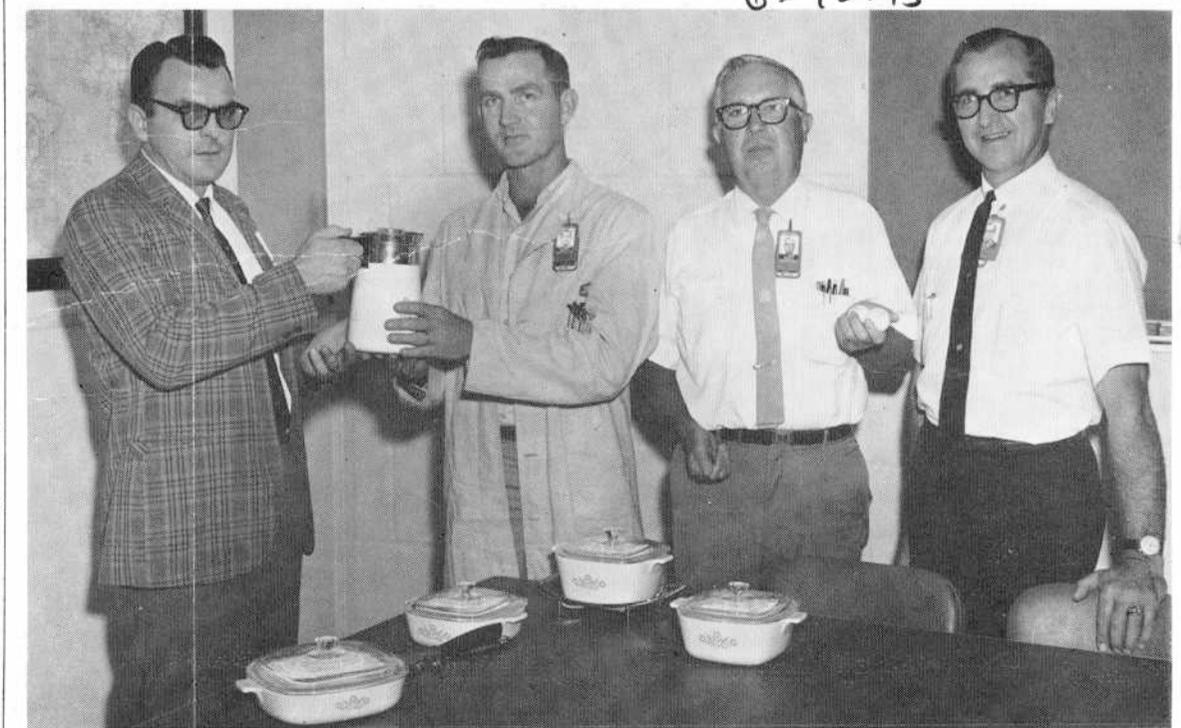
The Disaster Alarm System is regularly activated every three months. To be tested will be the air attack sirens located at Buildings 9201-3, 9996, 9204-4 and 9213. The tests will cover the "Evacuation" and "Take Cover" signals, with three minutes for each signal.

Employees who are working Sunday will not leave their work stations. Prior to the test, an announcement will be made to plant personnel over the public address system.

Tension Is Often The Villain Causing Mishaps

Accidents can be traced often to tension in the family. A hungry or overtired child, over-excitement, family arguments and failure to keep things going right help to cause stress that encourages accidents to happen. Make your home as pleasant and easy to live in as possible while still being good parents. Learn to recognize "tension builders" and do something about them.

Loose talk is poison.



DIMENSIONAL INSPECTION RECENTLY staged a slogan contest and two winners are seen above taking their bounty. J. L. Householder presents R. E. Jones the first prize (a Corning Ware set); and J. L. Perry accepts the third prize of two golf balls from Harold Alvey. Not present for his second prize was O. R. Chambers, who took an alarm clock for his prize-winning entry.