



"I CAN PLOW A LOT OF TOMATOES WITH THIS," says Joe David Helton, standing between the handles of the trim little powered garden plow given him last week as a retirement present by a big group of fellow employees in Research Services, shown above. At Helton's right is T. E. Shaw, a fellow pipefitter in the department who made the presentation; and C. G. Hubbard, Helton's immediate foreman and the only one Helton worked under during his stay in Y-12.

Pipefitter Joe David Helton Will Retire September 30; Highly Praised By Foreman

Fellow Employees In Research Services Give Veteran Employee Garden Plow As Present

Lauded by his general foreman in the Research Services Department as "a hard man to replace," Joe David Helton, a pipefitter, will retire on next Tuesday, September 30. He has been a Y-12 employee on two occasions; first being employed on November 19, 1945; given a reduction in force on February 21, 1947 and then being rehired on December 8, 1947.

Helton is the 13th Y-12er to retire this year and the 45th since Carbide took over Y-12 operations in May of 1947.

"Surprise" Meeting Held

A large group of fellow employees in the department arranged a "surprise" going-away meeting for Helton last week in Bldg. 9204-1. According to General Foreman W. R. Carver, the affair was entirely handled by the fellow employees of Helton, who has been popular with the group for years. As a retirement gift Helton was presented with a gasoline-powered garden plow—which was chugged into the meeting under its own power.

The presentation was made by T. E. Shaw, also a pipefitter in the department, who expressed the regret of the group that Helton was leaving. The retiree's immediate foreman C. G. Hubbard, also took part in the session.

Gift, Relations Appreciated

Helton voiced "appreciation" over the gift and the relations he has had with other Y-12ers in the department. He stated he plans to stay in Oak Ridge at the home he owns at 183 Robertsville Road. There, he pointed out, he has a large garden plot and the power plow would help him "raise a lot more tomatoes."

Since coming to Y-12, Helton

Continued on Page 4

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
89 Days Or
2,774,000 Man-Hours
(Unofficial Estimate)
Without A Disabling Injury
Through September 21
Phone 7755
For Daily Report
On Accident-Free Hours

OLD FAVORITE DISHES SET FOR SPECIAL LUNCHES

Old favorite dishes will be served on the 50-cent Special Lunches at the Y-12 Cafeteria tomorrow, Thursday, September 25; and next Tuesday, September 30. For tomorrow Italian spaghetti with meat sauce will be served. On next Tuesday barbecued Frankfurters will be the main dish. Each Special Lunch also includes one vegetable, choice of salad or dessert and rolls and butter.

Dr. J. S. Fritz To Speak Before Analytical Group

Dr. James S. Fritz, of Iowa State College, will speak at a meeting of the Analytical Group of the East Tennessee Section of the American Chemical Society on Thursday night, October 2. The meeting will be at 8 o'clock in the Robertsville Junior High School, Oak Ridge.

Dr. Fritz' subject will be "Non-Aqueous Titrations." He has been interested in this project and in analytical methods involving chelate formations. Dr. Fritz received his B.S. degree from James Millikin College in 1948 and his Ph. D. degree two years later from the University of Illinois. From 1948 until 1951 he was assistant professor of chemistry at Wayne University, then joining the Iowa State College staff. He is a native of Decatur, Ill.

Chemicals Company Plans To Expand Epoxide Plant

The Union Carbide Chemicals Company is planning to expand its new epoxide unit at Institute, W. Va., even before it is completed. Scheduled for completion about the middle of next year, the new plant will produce more than 10,000,000 pounds per year of epoxides and oxygenated chemicals. These new products are expected to play an important part in resin technology and to serve as chemical intermediates as well.

Fire Prevention Observance Set For October 5-11

'Refresher' Course In Eliminating Y-12 Hazards Is Objective

Don't give fire a place to start! That's going to be the objective of every Y-12er from now on through the week of October 5-11, when Fire Prevention Week will be given its annual and thorough observance by every Union Carbide Nuclear Company employee in the Y-12 Plant Area.

Year-Around Project

Fire Prevention is a year-around project for safety-minded Y-12 employees—and the excellent record compiled throughout the years is an excellent testimonial to the thought and effort placed behind the movement.

However, the annual Fire Prevention Week observance gives every UCNC employee in the Y-12 Plant Area an opportunity to take a "refresher" course in how to eliminate fire and accident hazards and how to combat a fire—just in case one gets started.

Close Inspections Planned

The regular program for Fire Prevention Week in the Y-12 Plant Area calls for close inspections of every nook and corner of the plant in search of fire and accident hazards. This includes the interior and exterior of buildings, offices, laboratories, vaults, safes, lockers and other places where such hazards might lurk. Then, of course, comes action to eliminate the hazards—including removal of trash and rubbish that has accumulated in various parts of the plant.

Fire Prevention Week is the oldest presidentially proclaimed "week" in the nation. Traditionally the "week" is observed each year during the full calendar week that includes October 9, the anniversary of the great Chicago fire of 1871. It is observed at the same time in the United States and Canada by proclamation of the President of the United States and the Governor General of Canada.

Most Fires Preventable

Fire Prevention Week is set aside to emphasize the year-around need for greater attention to fire safety—to stress again that nearly all fires are preventable and that human carelessness is the guilty party in almost every fire case.

In the last decade fire has killed more than 100,000 persons—11,300 in 1957 alone—and burned and disfigured many hundreds of thousands more. The nation's fire loss last year was \$1,275,000,000 in about 2,000,000 fires.

Home Programs Urged

Not only is fire prevention an important factor in the overall safety program of the Y-12 Plant—it is vital in protection of the home of every Y-12er for the safety of his family and property. For that reason—the lesson of fire prevention is to be stressed throughout the Y-12 Plant in divisional, departmental and group safety meetings up to and during Fire Prevention Week.

Alertness and carefulness can attain the objectives of Fire Prevention Week—both in the Y-12 Plant Area and in the homes of every UCNC employee for the safety and well-being of everyone.

YOU CAN HELP



European Speakers On Seminar Programs

Two Sessions Slated For ORNL On Friday

Two scientific meetings that will be of interest to many Y-12ers are scheduled for Friday, September 26. The first will be a joint physics and chemistry seminar set for 11 a.m. and the other a physics seminar to be held at 3:15 p.m. Both meetings will be in the auditorium of Bldg. 4500, Oak Ridge National Laboratory.

At the joint physics and chemistry seminar Friday morning, the speaker will be A. Michels, of the Van der Waals Laboratorium, Gemteentje Universiteit, Amsterdam, Holland. His subject will be "Optical Experiments as a Source of Information on Molecular Interaction."

At the afternoon physics seminar session D. Shoenberg, of the Royal Society Mond Laboratory, Cambridge University, England, will be the speaker. His subject will be "The de Haas-van Alphen Effect."

Scientific and technical personnel of the Y-12 Plant are invited to attend either one or both of the seminars.

Linde Will Build Liquid Gas Plant On West Coast

The Linde Company, Division of Union Carbide Corporation, will build a liquid oxygen-nitrogen plant at Pittsburg, Cal., to serve the growing needs of the West Coast missile industry. The first section of the plant is scheduled to go into operation by June 1, 1959. It will produce 115,000,000 cubic feet of liquefied gas monthly. The full plant will be in operation a few months later with a total capacity of more than 200,000,000 cubic feet per month.

New Chemicals Company Lab Now 40 Per Cent Completed

The new development laboratory of the Union Carbide Chemicals Company at South Charleston, W. Va., now is 40 per cent completed. The site preparation was begun in November, 1956, and the first building to be occupied was the high pressure laboratory, that went in service during July. The remaining buildings, a main laboratory building and a plastics pilot plant scale building will be completed early in October. A staff of 400 employees will be housed in these facilities.

Hospitalization Plan Extended For One Year

Blue Cross Coverage Continued For Y-12 Employees, Families

The hospitalization and surgical insurance coverage provided all Union Carbide Nuclear Company employees in the Y-12 Plant Area for the past year by the Blue Cross has been extended for another year, beginning October 1. The coverage is provided by the Tennessee Hospital Service Association, of Chattanooga.

The cost for the hospitalization and surgical coverage for the coming year to employees follows:

For employee only—\$1.34 per month or an increase of nine cents per month. Family coverage that includes spouse and dependent children will cost \$4.93 per month, or an increase of 33 cents per month.

Hospital Benefits Unchanged

Under a new surgical rate schedule the maximum charge for certain operations has been increased to \$300 from the previous maximum charge of \$200. There will be no change in the hospitalization benefits now in effect. These provide 180 days per person with up to \$8 per day allowed for hospital room and board to a maximum of \$1,440 for each confinement. Other benefits during hospital confinement include full coverage for all other necessary hospital services such as drugs, X-Rays, anesthesia, use of operating rooms, electro-cardiograms, clinical or laboratory examinations, dressings, oxygen, intravenous solutions and ambulance service.

UCNC employees in the Y-12 Plant Area will not have to re-enroll to continue their Blue Cross coverage. If any Y-12ers want to cancel their hospitalization and surgical plan coverage they should obtain a cancellation form from Time keepers in their immediate area.

October "Open Month"

The month of October will be an open month for enrollment in the hospitalization and surgical insurance plan for employees who are not now covered and want to obtain the coverage. Such Y-12ers who want to enroll in the plan are asked to communicate with the Insurance Department, Bldg. 9704-2, for information, application forms and payroll deduction forms to be signed. New employees hired in October may apply for the Blue Cross coverage as soon as employed. The coverage will begin on the date of signing the required application and deduction forms.

Payroll deductions for the new premium costs will be made from September pay checks of all UCNC employees now covered by the Blue Cross Plan.

New Booklet Planned

A new booklet on the hospital surgical, medical plan will be distributed to all employees at a later date. This booklet will contain the full information about the Blue Cross Plan.

Any Y-12ers desiring more information on the Blue Cross Plan coverage may obtain it from the Insurance Department, plant telephone 7382.

The Bulletin

Published Weekly By And For
Y-12 Employees Of
UNION CARBIDE
NUCLEAR COMPANY
Division Of
Union Carbide Corporation

GEORGE W. DOBBS . . . Editor

OFFICE
Post Office Box Y
Oak Ridge, Tenn.
Bldg. 9704-2 Room 228
Telephone 7751



Miss Beverly Jean Granstaff



Miss Karyl Jeanne Lane

GRANSTAFF-JONES

The engagement of Miss Beverly Jean Granstaff, of the Y-12 Shift Superintendent's and Utilities Division, to Carlen Gordon Jones, of the Chemical Development Department of the Technical Division at the Oak Ridge Gaseous Diffusion Plant, has been announced by parents of the bride-elect.

The marriage vows will be exchanged at the Methodist Church of Dowelltown, Tenn., at 3 o'clock Sunday afternoon, November 23.

The bride-elect is the daughter of Mr. and Mrs. John Granstaff, of Dowelltown. Parents of the groom-to-be are Mr. and Mrs. Carlen Jones, of Gallatin, Tenn.

Miss Granstaff attended Tennessee Polytechnic Institute, Cookeville, Tenn. Jones is a graduate of Berea College, Ky., where he obtained his B.A. degree in chemistry in 1956.

LANE-HALL

Saturday, November 29, has been selected by Miss Karyl Jeanne Lane for her wedding to William Kenneth Hall. The ceremony will be performed at the



Yeah—it's here—apparently by the thermometer as well as the calendar. The days of colored—and later falling—leaves; and what used to be known as "vest weather." Old '58 is entering into his last lap of the race against time, as is your Colyum Conductor, so the latter is going to get right down to business and begin the weekly harvest. Here 'tis—

ALLOY

Alpha Five extends sympathy to H. L. Wigginton, whose mother-in-law, Mrs. Ezell Gann, died recently in Baldwin, Miss.

INDUSTRIAL RELATIONS

The Boys In Blue and Gray of the Fire and Guard Departments send get well wishes to Fireman H. L. Miller, who has undergone eye surgery at the Oak Ridge Hospital . . . Likewise to E. L. Bellamy, guardian of the halls in Bldg. 9704-2, who is ill at his home.

Little Diane Howe is just three and one-half years old, but is a quite grown-up young lady when it comes to primping for retirement to bed. This cute youngster is the daughter of Fern Howe, a nurse in the Y-12 Medical Department, who took the snapshot and submitted it to The Bulletin.



Diane Howe

Jamie Goodman, the baker-man in the Cafeteria, is back from a visit with his sister over in Memphis . . . James Davis spent last week in Knoxville getting acquainted with his new progeny.

SHIFT SUPERINTENDENTS AND UTILITIES

C. H. Jarvis, Utilities, is trying out the fall sunshine in Florida for size these days . . . However, R. G. Hurst, E. F. Rutherford, A. J. Edwards and J. H. Thomas forgot to leave forwarding addresses of their vacation hideaways . . . However, the superboss man, Oscar Blackwell, says he is going to stay at home in Oak Ridge.

"Scotty" Elsbree, Steam Plant, plans to visit his mother over on the Cumberland Plateau and then do some fishing at Center Hill during his vacation . . . C. G. Wilson is another vacationer but his whereabouts are unknown . . .

Central Baptist Church at Bear-den, Knox County.

The engagement was announced by parents of the bride, Mr. and Mrs. Donald E. Lane. The father of the bride is with the Y-12 Electrical Maintenance Department and Mrs. (Hazel) Lane is secretary to George W. Flack, Industrial Relations Division Superintendent. Miss Lane is employed at Oak Ridge National Laboratory. The Lanes live on Landoak Lane, Concord.

Parents of the groom-elect are Mr. and Mrs. Tom Hall, also of Concord.

The bride-elect is a graduate of Farragut High School, Knox County. She attended Lincoln Memorial University at Harrogate, Tenn., and graduated from the National Business College. Hall also graduated from Farragut High School and attended the University of Tennessee. He is with the Tennessee-Carolina Transit Co.

R. F. Framer is welcomed back after his recent illness.

TECHNICAL

Special Projects congratulates its most recent Proud Pop — Billy Sims, and, of course, Mrs. Sims, on the birth on September 13 of a six-pound, nine-ounce boy — named him Roger . . . George Lockhart took advantage of a lot of recent sunshine and fresh air to indulge in his favorite sport of golfing . . . Lack of vitamins—or somethin'—sent Jim Warner, "Bucky" Buckminster and Harvey Hankins to their ailing couches for a few days last week and get well wishes are dispatched in their directions . . . To them that's askin' "Where air them fellers?" It is announced that Frank McGuiness, George McGown and Harold Williams are "shifting" these days . . . Bobby Bagwell built a patio at his West Haven estate during the first part of his vacation — then took off for Alabama to rest up from all the effort . . . Larry Rinderer, Harvey Hankins and that new pop, Billy Sims, are participating in a canned bean eating contest—Larry conditioning for the Army, Hank wondering if "she" can cook and Bill anticipating that his wife will be real busy with the new addition to the family.

Quality Control also has a new Pop in it's midst—Robert Fawcett and the missus are receiving congratulations on the birth of a daughter, Nancy Ellen, born September 15, at Oak Ridge Hospital . . . The department wishes the best of luck for George Fulmer, leaving to re-enter the University of Tennessee.

Betsy Diggs, Tabulation Service, is enjoying Tampa and the Florida West Coast beaches while vacationing . . . Betty Martin and Chris McEvoy are doing their vacationing in New York—whoops . . . Parker Morgan and family also are Florida visitors . . . Julia Taylor made a recent week-end visit to Ft. Benning, Ga., to see her brother.

There's another Joseph H. Stewart now in circulation—J.H.S., Jr., Production Analysis, became the parent of J.H.S., III, on September 15.

Special Testing sends get well wishes to the mother-in-law of H. R. Gwinn.

Mechanical Engineering has 'em coming and going down there . . . D. V. Williams, Maryville, is the new face in the department, joining the happy horde last week; and Floyd Hipshire, a summer student employee, has gone back to the books and midnight electricity (Note to Frank — they are now using modern lighting instead of oil in Knoxville) for the next nine months at the University of Tennessee.

MECHANICAL OPERATIONS

Greer Shaw, General Machine Shop, is spending this week at home in Lenoir City . . . Lester Love has gone to Illinois for a week's visit with his grandfather . . . Kathleen Milligan is back from a week of staying at home in Oak Ridge.

C. M. Jones, Sunflower Foundry, enjoyed the peace and quiet of Marlowe, Tenn., while vacationing.

Z Area has R. E. Plemons as a vacationer — probably fishing somewhere . . . Rapid recovery wishes are extended Don Scott's daughter, Elizabeth . . . A. T. Jinks and D. M. Finger, transferred to the department recently, have been given a warm greeting . . . Condolences are extended W. W. Ivey, whose daughter died recently.

Tool Grinding and Machine Maintenance rolled out the crimson carpet of welcome last week for C. G. Clifton, O. G. Warren, R. J. Brown and H. M. Zimmer-



Mrs. John D. Taylor



Mrs. J. H. Harper, Jr.

man, newcomers to the department . . . L. A. Taylor, O. R. Garmon, G. Beeler, S. T. Crisp and J. H. Oldham are welcomed on their return from the sick list . . . Rapid recovery wishes are extended to the wives of L. F. Otten and O. R. Garmon—and also to J. A. Marsh, C. D. Painter and C. F. Charpie, the latter back in Oak Ridge Hospital last week.

FINANCE AND MATERIALS

Violet Sanford, Materials, and her family are enjoying her vacation with a trip to Nashville and Manchester to visit friends.

MAINTENANCE

Process Maintenance reports Hillis Ross fishing and squirrel hunting over around Paris, Tenn., this week while vacationing . . . Mary Williams is staying at home in Oak Ridge . . . C. E. Gaut and T. R. Rucker were up in Philadelphia on Company business last week.

The Laundry Department sends get well wishes to Ola M. Pope, ill in Oak Ridge Hospital . . . R. W. Malone is vacationing around home in Lenoir City and pursuing cottontails on the side.

Buildings and Grounds extends deepest sympathy to Clyde Ward, whose son died last week . . . Also to R. T. Huffman, whose mother-in-law died September 15 in Virginia . . . Vacationers hither and yon include T. Ware, E. W. Woodward, W. Ward and J. E. Tilley.

CHEMICAL

G. H. Kesterson, Chemical Department, is touring along the Blue Ridge Parkway this week to enjoy the scenery . . . Hazel Lemons is vacationing at home in Sweetwater this week . . . F. J. Hawks and Mrs. H. are back from a recent trip to Chicago to attend the wedding of their son . . . Get well wishes are rushed to Ruth Hounshell . . . Best farewell wishes go to Mike Hodges, the co-op lad who is returning to Alabama Polytechnic Institute in Auburn—just in time for the Auburn-UT game September 27.

Must be the chilly fall breezes—or the drouth—that kept the crop of Strictly Corn sorta light this week. Maybe business will pick up next week.



TAYLOR-PRESSNELL

Now at home in Oak Ridge are Mr. and Mrs. John D. Taylor, who were married at 4 o'clock Friday afternoon, August 29, at the Glenwood Baptist Church, Oak Ridge. The bride is the former Miss Julia Faye Pressnell, of the Y-12 Tabulation Service Department.

The Rev. T. M. Megar, Jr., pastor of the Glenwood Baptist Church, performed the ceremony.

The bride is the daughter of Mr. and Mrs. Alfred Abernathy, 226 Jefferson Ave., Oak Ridge. The groom, employed by North American Van Lines, Ft. Wayne, Ind., is the son of Mrs. Velma Taylor, Norton, Va., and the late Mr. Dale Taylor.

For her wedding the bride wore a dress of white sheath cotton and carried a white orchid.

Mrs. Jack Barger was matron of honor and wore a dress of yellow cotton. Her husband served as best man.

The bride is a graduate of Oak Ridge High School and the groom graduated from Norton High School, Norton, Va.

Following the ceremony the couple took a wedding trip to Columbus, Ga.

HARPER-MASON

Miss Carol Phyllis Mason and L. Harold Harper, Jr., were married Saturday, August 30, at the First Lutheran Church in Knoxville.

The bride is the daughter of Mr. and Mrs. C. C. Mason, of Maynardville, Tenn. Her father is with the Y-12 Tool Grinding and Machine Maintenance Department. The bridegroom, who attended Clemson College and the University of South Carolina, is the son of Mr. and Mrs. L. Harold Harper, Sr., of Beaufort, S.C.

The bride wore a dress of dacron and nylon lace for her wedding. Her silk illusion veil fell from a pearl tiara. She carried a Bible topped with roses and lilies of the valley.

Following the ceremony a reception was held at the home of the bride.

The couple is living in Bristol, Tenn., where the groom is with the Sperry-Farragut Co.

Bishop Adrian To Attend Columbus Day Ceremonies

The Most Rev. William L. Adrian, Bishop of Tennessee, of Nashville, will officiate for the St. Mary's Parish of Oak Ridge dedication ceremonies for "Our Lady of Oak Ridge" shrine on Columbus Day, October 12. The dedication will be a highlight of a full day's program for the observance of Columbus Day by the Oak Ridge Council of the Knights of Columbus and other parish groups.

The program will include a communion breakfast for the men of St. Mary's, the dedication ceremony at 4 p.m. and a dinner at which Bishop Adrian will speak.

INADVERTENT ERROR MADE IN WEDDING ANNOUNCEMENT

An inadvertent error occurred in the wedding announcement in the September 17 issue of The Bulletin of Mr. and Mrs. Chester S. Harper. The bride is the former Miss Eula Ann Bolinger, daughter of James V. Bolinger, of the Y-12 Forming Department, and Mrs. Bolinger, Route 18, Knoxville. The groom is the son of Mr. and Mrs. Bruce Harper, Knoxville. The notice erroneously called the couple Mr. and Mrs. Chester S. Bolinger. The Bulletin regrets the error and any embarrassment caused the principals.



MEN'S DOUBLES CHAMPIONS in the Y-12 Plant Tennis League are John Perry, left, and E. G. Laggis. They won the second half of the season race and then defeated Stephens-Byrd, first half winners, for the crown.

All Championships Settled In Three Y-12 Tennis Loops

The Y-12 tennis season has been concluded with championships decided in all classes. John Perry and E. G. Laggis won the men's doubles crown. The mixed doubles championship went to Frank Ballenger and Lorraine White and the men's singles championship was taken by Sam Campbell.

In the mixed doubles competition, the same two teams finished first and second in both halves of the season. In second place for both parts of the schedule was the pair of Ruby O'Kain and Charley Robinson. In a late season flurry of action the Robinson-O'Kain team trimmed Carol Puckett - Paul Johnson 6-0, 6-1 and Lois Secrist-Lloyd Wyatt 6-4, 6-4. The champions took a forfeit victory from Puckett-Johnson in another scheduled match. Earlier Nell McGinnis - Bill Harper defeated Secrist-Wyatt 6-4, 4-6, 6-4; and Puckett-Johnson by 6-3, 6-3.



Frank Ballenger



Lorraine White

A playoff was required to decide the men's doubles championship. The Perry-Laggis outfit won the second half of the schedule and defeated Stephens-Byrd 6-4, 6-4 in the playoff. In late season matches the runners-up took three matches, beating the champions 7-5, 4-6, 7-5, topping Fischer-Horton by 6-3, 5-7, 6-0 and Johnson-Wyatt 6-3, 6-2. Stephens-Byrd were first half winners.

Campbell went undefeated throughout the men's season, but was closely pushed by Alan Christman. Campbell posted 11 wins and no losses and Christman a 10-1 mark. Laggis was third with 7-2 and Perry fourth at 6-3. Laggis turned in a 6-2, 11-9 win over Harper and Perry trimmed Sheehan by 6-1, 6-0 in late season matches.



Sam Campbell

12 Y-12 Golfers In Tourney Finals

Tiller Beats Wylie In Marathon Match

Y-12ers are showing well in the All-Carbine Golf Tournament, as results posted through the past week end showed 12 of them had reached the finals in 10 separate flights. The championships will be determined in play during this week.

Tiller Rallies To Win

The feature match of the tournament to date was the semi-final engagement in the Consolation Flight in the championship bracket. Arnold Tiller beat fellow Y-12er George Wylie on the 22nd hole in this battle. Tiller was five down after 12 holes, but rallied to tie it on the 17th. Each player had sevens on the 18th to send the match into overtime. Tiller will play Bill Reynolds, former Y-12er now firing for the Oak Ridge Gaseous Diffusion Plant for the Consolation finals.

Art Hines reached the finals in the Championship Flight by winning two matches from Oak Ridge National Laboratory golfers, Ward Foster, former Y-12er; and Jim Barker.

Two All Y-12 Finals

An all-Y-12 finals will be staged in the First Flight with Joe Prysion, victor over J. R. Malone, ORGDP; meeting Ed Gambill. In the Third Flight Y-12er Bill Mee has reached the last round.

Another all-Y-12 finals will be played in the Fifth Flight with J. E. Bartholomew meeting Dan Stroud. Nelson Tibbatts has progressed to the finals in the Sixth and in the Ninth H. E. Shatley will meet C. W. Castle, ORGDP; for the title.

In the 11th Flight Ed Ellis, Y-12; will play Bruce Finney, ORNL; for the crown. In the 12th and 17th Flights Y-12 will have Allen True and J. T. Clouse as contenders for top honors.

Sharpshooters Cop Pistol Championship

The Y-12 Pistol League ended its season on September 16 with the Sharpshooters winning the seasonal championship. In the final matches the champions split with the Masters, dropping a 512 to 509 decision in scratch scoring but winning 579.207 to 570.696 in handicap. On the same night the Marksmen defeated the Experts in both scratch and handicap, but the losers still finished second in the loop. The Marksmen had a 255 to 226 scratch triumph and 235.020 to 282.314 victory.

P. H. Williams and K. E. Smith led the Sharpshooters in scoring against the Masters with a 262 scratch and 291.324 handicap score respectively. In the other engagement T. J. Bush posted the complete score for the Marksmen and Carl Brewster did likewise for the Experts.

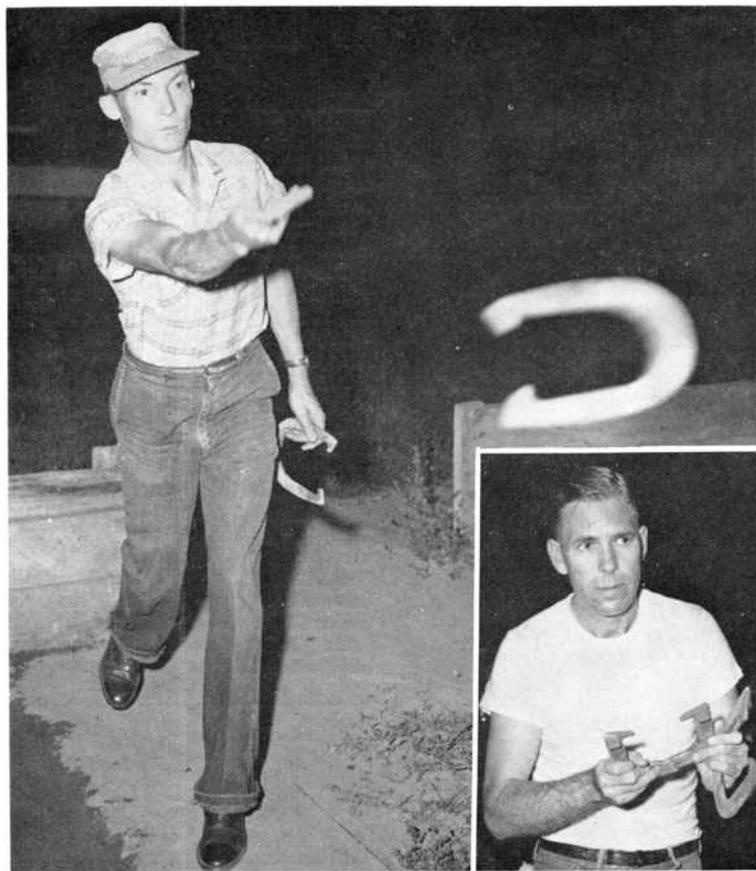
Team Capt. Paul Williams wishes to thank all members of the league for attendance and cooperation during the summer.

The final league standing follows:

Team	W	L
Sharpshooters	19	11
Experts	16	14
Marksmen	15	15
Masters	10	20

Whitewash Wins Posted In Evening

Whitewash victories were scored by all winners in the opening of the Evening Shift Bowling League at noon last Thursday at the Ark Bowling Lanes in Oak Ridge. The Night Owls, Do Littles and Q Balls came out on top over the Sure Shots, Sooners and King Pins. D. A. Albright, of the Night



THE CAMERA CAUGHT HERMAN DYER TOSSING A HORSESHOE in the recent Y-12 Tournament, in which he won the plant championship from Vern Stanley, inset.

'Darkhorse' Shoe Pitcher Wins Y-12 Title As Dyer Defeats Stanley In Tournament

Herman Dyer, a darkhorse entry in the Y-12 Horseshoe Tournament, beat Vern Stanley two straight games to become plant champion for 1958 in the recently completed single-elimination competition.

Four Teams Tied For Classic Lead

Four outfits got away to flying starts in the 16-team Classic Bowling League opening last Thursday at the Ark alleys. Four-point whitewash wins were posted by the Tigers over the All Stars, Has Beens over the Wolves, Screwballs over the Rebels and Markers over the Cubs. The Sportsmen were right up there with a three and one-half point victory over the Wasps and three-point triumphs were posted by the Playboys over the Bumpers and Eight Balls over the Smelters. The Rippers and Swingsters split at two points each.

Bill Mee switched from the golf links to the hardwood lanes to rack up a fine 230 scratch game for tops of the night, increasing it to 272 with handicap. W. Goodwin, Screwballs had the best series scores of 568 scratch and 652 handicap. The Swingsters had the high team scores for single games with 983 scratch and 1143 handicap. The Rippers posted a 2508 scratch series and the Has Beens a 2978 handicap tally for the lead in those brackets.

League standing follows:

Team	W	L
Tigers	4	0
Has Beens	4	0
Screwballs	4	0
Markers	4	0
Sportsmen	3 1/2	1/2
Playboys	3	1
Eight Balls	3	1
Rippers	2	2
Swingsters	2	2
Smelters	1	3
Bumpers	1	3
Wasps	1/2	3 1/2
Cubs	0	4
Rebels	0	4
Wolves	0	4
All Stars	0	4

Owls, was the leading individual scorer with a 181 scratch game and 526 series. The Night Owls paced team scoring with 628 and 1742.

League standing follows:

Team	W	L
Night Owls	4	0
Do Littles	4	0
Q Balls	4	0
King Pins	0	4
Sure Shots	0	4
Sooners	0	4

Spies never relax, neither should you.

True-Kennedy Cop Ridge Golf Crown

Holzknicht-Peckman Finish In Second Spot

Closing fast on the final day of the season, the True-Kennedy team blanked Taylor-Lockhart for six points to take the championship of the Oak Ridge Golf League for Y-12 players. Holzknicht-Peckman finished second by handing Mitchel-Tibbatts a similar defeat and Orrison-Thomson came in third by blanking Ratjen-Snyder. Bartholomew-Smith clipped the wings of Gambill-Hamby, second place team before the last day of play, for six points.

In other matches whitewash wins were posted by Tiller-Stroud over Speas-Cabe, Underwood-Shatley over Oxford-Collins and Dehoney-Buckminster over Anderson-Nichols. Four-point winners were Kahley-Evans over Hopkins-Belvin, McLendon - Mee over Whitehorn-Brown, Emlet-Hines over Wallace-Patterson, Pletz-Roberts over Davis-Arrowood and Youngblood-Gilcrease over Boyd-Oliphant.

Bill Mee and Art Hines tied for low scratch score with 40s. Mee went on to take low handicap score of 34.

Final league standing follows:

Team	Points Won
True-Kennedy	92
Holzknicht-Peckman	88
Orrison-Thomson	85
Gambill-Hamby	83
Boyd-Oliphant	79
Underwood-Shatley	79
Stroud-Tiller	79
Kahley-Evans	78
McLendon-Mee	77
Emlet-Hines	76
Bartholomew-Smith	75
Anderson-Nichols	72
Dehoney-Buckminster	72
Speas-Cabe	65
Davis-Arrowood	64
Pletz-Roberts	64
Wallace-Patterson	61
Ratjen-Snyder	60
Oxford-Collins	58
Mitchel-Tibbatts	56
Whitehorn-Brown	54
Hopkins-Belvin	46
Youngblood-Gilcrease	44
Taylor-Lockhart	43

Clippers, Scrappers Shine in Mixed Loop

The Clippers and Scrappers, two of the top teams in the Mixed League of Y-12 men and women bowlers last year, started out where they left off last spring—in winning form. The Clippers clipped the Alley Cats for four points and the Scrappers sunk the Rockets by the same score. The Phantoms kept pace by blanking the ABC's. The Nip and Tucks took the Pin Plasters for three.

Nell McGinnis, Clippers; and Herb Oliver, Scrappers; swept all individual scoring honors. Miss McGinnis had a 175 scratch game, boosted to 192 with handicap; 487 scratch and 564 handicap series. Oliver's card showed a fine 253 scratch game and opening night rules gave him the same handicap game. In his series scores Oliver had an excellent 590 scratch and 634 handicap.

League standing follows:

Team	W	L
Clippers	4	0
Scrappers	4	0
Phantoms	4	0
Nip and Tucks	3	1
Pin Plasters	1	3
Rockets	0	4
ABCs	0	4
Alley Cats	0	4



"Some people think they're big shots because they're always exploding."



You're back on the job, so keep your MIND on the job! The accident you avert may be YOUR OWN

Three Teams Tied For Bush Loop Lead

Y-12's newest bowling loop, the Bush League, swung into action Monday night, September 15, and when the pins stopped falling three teams were tied for first place with four points won and none lost to their credit. They were the Lucky Five, winners over the Nine Pins; the Beavers, which blanked the Hi Balls; and the Bees, victors over the Inspectors. The Snpft—yes, that's the right name, being initials of the players—and Bldg. 9212 teams divided their four points.

D. McAlister paced the Lucky Five to triumph by posting a 507 scratch and 569 handicap series. The team took most scoring honors with a 768 scratch game, boosted to 928 with handicap, and a 2733 handicap series. The Hi Balls rolled a 2128 scratch series for best of the night.

League standing follows:

Team	W	L
Lucky Five	4	0
Beavers	4	0
Bees	4	0
Snpft	2	2
Bldg. 9212	2	2
Hi Balls	0	4
Nine Pins	0	4
Inspectors	0	4

TOURS TO RUSSIA

Tourist buses now are operating from Sweden to Moscow via East Germany, Berlin and Warsaw, Poland.

Bulk Rate
U. S. Postage
PAID
Oak Ridge, Tenn.
Permit No. 71

**UNION CARBIDE
NUCLEAR COMPANY**
Division of
Union Carbide Corporation
Post Office Box Y
Oak Ridge, Tenn.
RETURN POSTAGE GUARANTEED

Pipefitter Helton Retires September 30

Continued from Page 1
continued, he has worked under only one foreman—Hubbard. His work throughout the years has been "interesting, something new to do every day," he commented.

Carver cited Helton as "an excellent craftsman, and "not just anybody" can step in and do the work he has been performing.

Born In Murfreesboro

Helton is a native of Murfreesboro, Tenn., where he received his schooling. Later he moved to Lewisburg, Tenn., where he was married. Before coming to Y-12 he worked as a pipefitter in Nashville, Kingsport and Oak Ridge, being with Stone and Webster in the Atomic City.

He is married to the former Miss Lavenia Gragg and they have 10 children—four daughters and six sons. One son, Gale, 21, lives with his parents in Oak Ridge.



FRISKY, THE KITTEN; AND LIBBY, THE BEAGLE; are the best of companions in the family of E. B. Cox, Utilities. The interesting photograph not only called for an individual story on the incident but also took first place in the Y-12 Weekly Photographic Contest for the week ending September 19.

Beagle, Kitten Best Pals At Home Of Y-12er E. B. Cox

Strange bedfellows? Although affectionate relationships between dogs and cats—sometimes considered arch enemies—are not so rare after all, the incidents when reported are interesting and always produce attractive pictures that appeal to animal lovers.

Dog "Adopts" Kitten

The snapshot above was submitted to The Bulletin last week by E. B. Cox, of Utilities, who lives at Heiskell. It shows his five-year-old beagle, Libby, and his daughter's kitten of undetermined age, Frisky, with Libby accepting the advances of the little feline with calm and fortitude.

The Cox daughter, Iva Deane, 11, was given the kitten some time ago by a neighbor. The beagle mother had for some time raised her last litter of puppies—but apparently yearned for the presence of some other creature to "mother." So she adopted Frisky at once.

Eat And Sleep Together
According to Cox, Libby and Frisky get along splendidly — for a dog and cat, that is. They eat and sleep together, and Libby exhibits the same maternal love for the kitten she would show for one of her own species. When the canine guardian feels the feline ward

needs a bath—the bath is given in approved fashion, and Frisky doesn't seem to object in the least. The two are constant companions—and Cox declares he is certain that if any danger threatened the kitten — Libby would promptly and competently defend Frisky. Meanwhile—the two valued pets of the Cox family are happily enjoying life in their own way—and, as Cox remarked:
"That really takes the cake, doesn't it?"



"METAL BIRD," is the title given this snapshot by Carl Brewster, Medical, that took second place in the Y-12 Weekly Photographic Contest for the week ending September 19. The airplane shown is almost a museum piece for American aviation—being one of the old Ford tri-motor jobs, often called the "flying corrugated roof." Brewster photographed the aircraft soaring over Lake Erie against a fine cloud formation while the Y-12er was on his recent vacation.

POSTMASTER: DO NOT FORWARD. IF ADDRESSEE HAS MOVED, RETURN TO SENDER IMMEDIATELY.

Y-12ers With 15, 10 Years Company Service

Congratulations to the following Y-12 employees who will complete 15 and 10 years of Company Service within the next few days:

15 YEARS

John L. Kennedy, Electrical Maintenance, September 24.

Edwin E. Oliver, Research Services, September 27.

William H. Donahue, General Machine Shop, September 27.

Othniel E. Gilcrease, Electrical Engineering, September 29.

Ules R. Kirk, Product Processing, September 29.

Spencer D. White, Mechanical Maintenance, September 30.

Dave Turner, Fire Department, September 30.

Carl Cogdill, Guard Department, September 30.

Fred P. Smith, Utilities, September 30.

10 YEARS

Edward L. Stooksbury, Mechanical Maintenance, September 24.

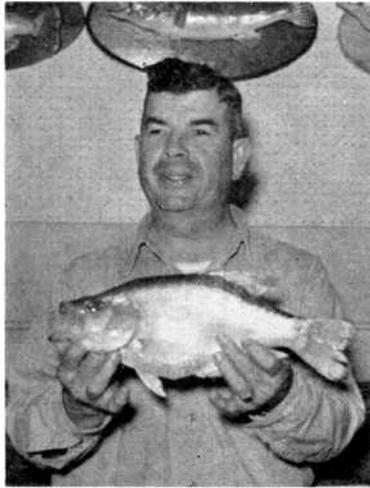
Altus D. Tucker, Guard Department, September 26.

C. A. Hall, Jr., Guard Department, September 28.

Several Y-12ers Planning To Attend Gatlinburg Meet

Several Y-12ers are expected to attend the Second Conference on Analytical Chemistry in Nuclear Reactor Technology to be held in Gatlinburg next Monday, Tuesday and Wednesday, September 29 and 30 and October 1. The program will include 64 papers and panel discussions on various phases of the conference title.

Meetings will be held in the new Gatlinburg civic auditorium. The conference is sponsored by the Analytical Chemistry Division of Oak Ridge National Laboratory and C. D. Susano, former Y-12er now with the sponsoring group, is conference chairman.



THIS COCKY CRAPPIE once inhabited Douglas Lake until caught recently by N. H. Wise, General Machine Shop, to become a strong contender for first place in the Y-12 Annual Fishing Contest. Wise used a Ray Fly to land the dandy catch.

Rides Wanted, Offered

Want to join car pool from 106 Waddell Place, Oak Ridge, to North or Biology Portal, straight day. E. W. Beachly, plant phone 7-8644, home phone Oak Ridge 5-4979.

Rider wanted from Rockwood to any portal, straight day. M. J. Goss, plant phone 7213, home phone Crossville 276-R.

Ride wanted from 408 Mimosa Ave., off Chapman Highway, Knoxville, to Bear Creek Portal, straight day. Barbara Thomas, plant phone 7-8209, home phone Knoxville 5-2365.

Ride wanted or will join car pool from South Knoxville to West Portal, A Shift. J. L. Webb, plant phone 7960, home phone Knoxville 7-9990.

Want to join car pool from Cecil Ave., North Hills section of Knoxville, to West Portal, straight day. F. D. Lively, plant phone 7904, home phone Knoxville 5-6292.



Get well wishes are extended the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

Don G. Hill, Maintenance Division; T. R. Cottingim, M. J. Jewett, R. D. Shank and J. E. Jenkins, Process Maintenance; A. P. Brown, Colex Auxiliary; Ruth Hounshell, Chemical; F. A. Wells, Product Processing; Arthur Hopson, Material Control; A. D. Douglas and H. H. Law, General Machine Shop; H. E. Underwood, TW Shop; Ola M. Pope, Laundry; W. P. Smith, Production Control; Edna L. Stooksbury and L. J. Adkisson, Electrical Maintenance; H. L. Miller, Fire Department; E. L. Hill, Buildings and Grounds; J. A. Marsh and C. F. Charpie, Tool Grinding and Maintenance; Melmouth Hudson and R. H. Eichhorn, Property Sales; R. H. Gillespie, Production Inspection; D. B. Blackburn, Research Services.

Big Bomber Uses Oxygen Converter Made By Linde

The Linde Company, Division of Union Carbide Corporation, now is producing a liquid oxygen converter for the United States Air Force B-52G bomber. The new 25-litre converter is made of a stainless steel inner shell and an aluminum outer shell. It weighs only 40 pounds, 30 pounds lighter than the military specification limit.

Superior insulation between the

two shells makes the container extremely reliable and contributes to its extra-long life. Under normal conditions, liquid oxygen is converted to gaseous oxygen in a quantity sufficient to sustain four men at an altitude of about 35,000 feet for 30 hours. In addition to its use in supplying breathing oxygen, the converter can be adapted for nitrogen pressurization for missile and aircraft applications.



ENGINEERING ENERGY WAS EXPENDED happily August 23 at Cove Lake State Park when the Y-12 Engineering Division staged its annual picnic. In the scenes of activity, above, in the left picture Fran Willie, Contract Administration Engineering, is entertaining many of the youngsters at the picnic and also grown-up spectators, from left, Mrs. Jack C. Cox, whose husband is in Industrial Engineering; Miss Margaret Breman, and her dad, Phil Breman, Industrial Engineering. In

the center picture, Lettie Ault, foreground, Project Engineering, has just cut loose with an equine footwear in the horseshoe pitching contest. In the background are Carnes Hill, a guest; Bob Moisson, Project Engineering, wife and youngsters. Pictured at right is the prime objective of every picnic party—the chow line. Gathered around the festive board are Phil Breman and Mrs. Breman, Bob Ellingson, of the Forming Department of Mechanical Operations;

Mr. and Mrs. B. E. Capper, guests; Bob Kemper, Contract Administration Engineering; Mr. and Mrs. Jack Cox, Mrs. Ernie Choat, whose husband is with Industrial Engineering; and Mrs. Troy Burklow, whose husband also is in Industrial Engineering. Despite off and on showers, the big turnout had a "dripping" good time with plenty of barbecue, chicken and other tasty victuals and balloons, treats and games for the kiddies.