

AT LEFT ARE THREE MASS SPECTROMETERS used in the Y-12 Plant for the isotopic analysis of uranium. At right is a direct reading emission spectrometer that traces impurities in various materials. Their use will



be explained by L. E. Burkhart, Development Operations, in a paper to be given before the Atomic Energy Commission meeting in its move to interest private industry in the uses of atomic energy.

Y-12 Aid In AEC Civilian Atom Plan To Be Told

Contributions Of Other UCNC Units On Agenda For Oak Ridge Meeting

Contributions of the Y-12 Plant and other Union Carbide Nuclear Company facilities in Oak Ridge and developments by other Atomic Energy Commission contractors in the field of civilian application of atomic energy will be told at a three-day meeting called by the AEC in Oak Ridge this week. The session is called an Industrial Technical Information Meeting on Cold Processing of Enriched Uranium and will be held Thursday, Friday and Saturday, September 13, 14 and 15.

Technical meetings are to be held in the auditorium of Bldg. 4500, Oak Ridge National Laboratory. The Saturday schedule calls for a tour of recovery facilities in Bldg. 9211 in the Y-12 Plant and Bldg. K-1420 at the K-25 Plant.

250 May Attend Meeting
From 200 to 250 technical and executive personnel of leading industrial concerns of the country are expected to attend the session. There will be representatives from all the leading chemical firms of the nation, as well as those of chemical equipment manufacturers among others.

Of the 22 technical papers and discussions to be presented during the meeting, 10 will be given by Y-12ers. UCNC men from ORNL and K-25 and also representatives of the National Lead Co. of Ohio and the Mallinckrodt Company, St. Louis, Mo., will be on the program.

Roger F. Hibbs, of the Y-12 Superintendents Department, is co-chairman of the meeting. F. K. Pittman, of AEC, is the other co-chairman. Pittman is on the program for comments on the AEC civilian application program and also will speak at the end of the technical meetings. S. R. Sapirie, AEC Manager of Oak Ridge Operations, will officially open the meeting on Thursday morning.

Y-12ers' Subjects Listed
Y-12ers on the program and the subjects of their papers follow:

W. L. Griffith and F. S. Patton, Process Engineering; and J. M. Googin, Development Operations—"Power Reactor Flow Cycle."

J. M. Googin, Development Operations—"The Hydrolysis of UF₆ and the Preparation of Pure Compounds from the Solution."

F. M. Tench and W. H. Hoose, Product Processing—"Production of the Various Types of Enriched UO₂."

G. R. Jasny, Product Processing
Continued on Page 4

W.M. Smart Appointed UCNC Vice President

New Official Joined Union Carbide In 1923

William M. Smart has been appointed a Vice President of Union Carbide Nuclear Company, a Division of Union Carbide and Carbon Corporation, it has been announced by Kenneth Rush, President of Union Carbide Nuclear.

The new UCNC Vice President joined Union Carbide in 1923 in the Cleveland office of National Carbon Company. Since that time he has occupied various posts with different Divisions of the Corporation in the United States. They have been with National Carbon Company in East St. Louis, Ill., Carbide and Carbon Chemicals Company in South Charleston, W. Va., and Whiting, Ind., and Linde Air Products Company in Chicago, Ill. He was promoted to the plant accounting department in the New York office in 1939 and appointed Assistant Treasurer for the Corporation in 1953.

In 1954 he moved to Toronto, Canada, as Vice President, Secretary, and Treasurer of Union Carbide Canada Limited. He was elected a Director of that Company in 1956.

AIEE To Resume Meetings At Ridge Hall September 18

The Oak Ridge Section of the American Institute of Electrical Engineers will resume its regular monthly meetings on next Tuesday night, September 18. The meeting will be at 8 o'clock in the Coral Room of the Ridge Recreation Hall and all Y-12 members and other engineers interested in the session are invited to attend.

A representative of the National Electric Coil Co., of Cleveland, Ohio, will be guest speaker at the meeting. The discussion subject will be "The Problems and Techniques Involved in Winding Coils for Motors and Generators."



SHOWN ABOVE ARE THE Y-12ERS WHO WILL TAKE part in the Atomic Energy Commission meetings Friday and Saturday at which civilian applications of atomic energy will be talked. Around the table from left are W. H. Hoose, G. R. Jasny, J. W. Wachter, F. M. Tench,

F. C. Uffleman, J. D. McLendon, Roger F. Hibbs, co-chairman of the meeting; J. M. Coogin, W. L. Griffith, F. S. Patton, G. E. Isham, L. E. Burkhart and L. C. Emerson. E. W. Bailey, another Y-12 representative at the meeting, was absent when picture was made.

Welding Society Opens Season On Monday

K. M. Spicer Speaker At Knoxville Meeting

The Northeast Tennessee Section of the American Welding Society, which claims a considerable number of Y-12ers in its membership, will open its 1956-1957

technical program series next Monday night, September 17. The meeting will be in the S. & W. Cafeteria in Knoxville, with dinner being served at 7 o'clock and the technical session following at 8 o'clock.

K. M. Spicer, assistant supervisor of technical service in the development and research division of the International Nickel Co., will be the guest speaker at the meeting. His topic will be "Welding of Dissimilar Metals." As a welding engineer he has been concerned with technical and practical work on welding of nickel and nickel alloys.

Y-12ers wanting dinner tickets are asked to communicate with B. Searles, plant phone 7-8265.

DON'T LOSE YOUR VOTE! If you are not registered be sure to get your name in the book so you can vote in the November 6 election.

UCC Co-Sponsored TV Show 'Omnibus' Opens October 7

90-Minute Program Will Be Aired By Knoxville Station WTVK, Channel 26, Starting At 8 P.M.

Beginning Sunday night, October 7, Union Carbide and Carbon Corporation will co-sponsor the popular 90-minute television show, "Omnibus." Winner of 39 awards for excellence, "Omnibus" will be televised for Y-12 and other listeners by TV Station WTVK, Channel 26, from Knoxville from 8 p.m. to 9:30 p.m., local time.

Aid Courses Enrolling Dates Are Announced

Early Bids Are Urged For Program Assistance

Registration dates for courses qualified to be taken by Y-12ers under the Union Carbide Nuclear Company Educational Assistance Program have been announced by the Y-12 Training Department as a convenience for prospective applicants for the program benefits.

Approvals Must Be Obtained

Loren M. Lawhorn, the Training Department representative coordinating the program for Y-12ers, has again urged all Y-12 employees intending to enroll in qualified courses and to apply for the educational aid benefits to act as soon as possible. He points out that approvals must be obtained from departmental and divisional heads as well as the Y-12 Plant Superintendent before the registration is made.

Y-12ers may enroll in any of the
Continued on Page 4

The presentation of "Omnibus" will originate in New York over the American Broadcasting Company.

Time To Change October 28

According to WTVK Program Director Bill Eckstein and General Manager John Engelbrecht, "Omnibus" will be shown on October 7, October 14 and October 21 from 8 p.m. to 9:30 p.m., but beginning Sunday, October 28, the time will be changed to 9 p.m. to 10:30 p.m., when Eastern television stations drop daylight saving time.

The first "Omnibus" show will feature Leonard Bernstein, who has appeared on the show before. He will tell the story of development of American musical comedy. He wrote the score for the production of "Wonderful Town."

Union Carbide To Tell Story

On "Omnibus" Union Carbide will tell a bit about itself each week to a potential audience that includes nearly 90 per cent of all television homes. Through these messages, the American public will get an accurate and dramatic picture of the widely diversified
Continued on Page 2

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
26 Days Or
872,898 Man Hours
(Unofficial Estimate)
Without A Lost Time
Injury
Through September 9

The Bulletin

Published Weekly By And For
Y-12 Employees Of
UNION CARBIDE
NUCLEAR COMPANY
A Division Of
Union Carbide And Carbon
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Post Office Box Y
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GEORGE W. DOBBS . . . Editor
OFFICE
Bldg. 9704-2 Room 228
Telephone 7751

Forgotten Y-12 Badges Continue As Problem

Loss Of Time, Security Breach Are Results

Forgotten plant identification badges continue to be a cause of much unnecessary loss of time from work by Y-12ers and extra work for the Security Department and the Badge and Pass office in making out temporary passes for the forgetful employees.

Must Get Temporary Pass

No matter which portal is generally used by a Y-12er, when a badge is forgotten the employee is required to proceed to the Central Portal and the Badge and Pass Office to apply for a temporary pass to gain admittance to the plant. This, of course, takes considerable time away from the job.

The Y-12 picture identification take home badge is one of the principal security phases protecting the plant from entry by unauthorized persons. In the event a "forgotten" badge is really a "lost" badge, the loss is a threat to the security of the plant as if the misplaced badge is found by some one not authorized to use it, admittance to the plant might be gained by such person.

Monday Is Worst Day

Records of the Badge and Pass Office show that Monday is the worst day for Y-12ers to forget their badges and require issuance of the temporary passes. Rainy day also, for some reason, result in a number of forgotten badges.



Get well wishes are sent to the following Y-12 employees who were patients last week at the Oak Ridge Hospital:

J. B. Ensor, Production Inspection; Brandt Kuperstock, Instrument Engineering; J. C. Crowe, Carl Oody, Hillard Applin and F. M. Henry, Buildings and Grounds; C. H. Wade, Mechanical; R. L. Gilmore, General Machine Shop; A. C. Neeley, Colex Operations.

Cost Accountants To Honor Past Presidents At Meet

The Oak Ridge-Knoxville Chapter of the National Association of Cost Accountants will observe Past Presidents Night at a dinner meeting next Tuesday night, September 18. The meeting will be at the Farragut Hotel, Knoxville. The four past presidents to be honored include John Reeve and Philip Asplund, both of Union Carbide Nuclear Company; Wallace Walker and Herbert Hurrie.

Harry B. Stone, vice president and comptroller of the Southern Bell Telephone Co., will be the guest speaker. His subject will be "The Accountant of Tomorrow."

Are you a registered voter? If not, you'd better get your name in the book to vote in the November 6 election.



"Tis rightly said—
"One can take one out of the country but one can't take the country out of one."

Oh yeah? Well here goes one out of the country hereabouts, and with the help of all you good aides, one will pluck the corn crop about one, and two, and more folks around the Back Forty.

CHEMICAL

The Chemical Department is brief and to the point—it has O. W. Cunningham vacationing—but not the formula for ascertaining his whereabouts.

SHIFT SUPERINTENDENTS AND GENERAL UTILITIES

B Shift Super Finley Creigh is doing as little as possible (friends who know him believe) while vacationing at home in Oak Ridge.

A. H. Norman, Big Toot at the Steam Plant, is looking around for some major league ball games to take in during his vacation . . . H. M. Cheek vacationed at home in Fountain City . . . The gang welcomes H. D. Baker back after an illness and extends get-well wishes to ailing E. E. Spradlen.

General Utilities welcomes F. M. Gambill and R. W. Chrisman back after being out puny . . . R. D. Freels really made hay while the sun shone on his vacation over around Sunbright . . . G. L. Carson is just loafing up at home in LaFollette.

INDUSTRIAL RELATIONS

Cordia Bledsoe, Medical, got away for her two weeks vacation without announcing symptoms on her destination . . . Dr. Ann Robinson is really going traveling—Cincinnati, Pittsburgh and perhaps a trip to her old home in Minnesota.

Those Guard Department vacationers got away so speedily that not even radar could find the whereabouts of A. J. Jeffers, C. E. Alcorn, G. Hoskins and H. L. Wolfenbarger.

Capt. F. L. Remine, Fire Department, is going to take a look at the big fair in Knoxville while off this week.

Mayme Hundley, Cafeteria, is sightseeing in Jacksonville, Fla.

TECHNICAL

Process Design rolled out the "Hi, there" greeting last week to newcomer W. U. Pokela.

John Hill, Chemical and Industrial Engineering, is trying the altitude in Mexico City for vacationing delight . . . B. D. North went to Florida . . . Louise Scoggin stayed right at home in Kingston . . . Jack Foresman and H. L. Martin are unreported.

W. H. Rice, Civil and Architectural Engineering, recently visited kinfolks in Kentucky.

Instrument Engineering sends rapid recovery wishes to B. Kuperstock in Oak Ridge Hospital.

Tom Barton, Production Analysis, is looking over Western Kentucky . . . Deborah Hubbs is visiting a sister in Kokomo, Ind., with a trip planned to Chicago . . . Ozella Ward has been up in Illinois . . . The Old Stork brought a daughter to the home of the Stanley Coles recently at Oak Ridge Hospital—they named her Susan Rebecca . . . Harry King is going to mingle with the Moose at Elizabethton this week . . . Wanda Hawn was warmly welcomed as a newcomer last week . . . Best of luck wishes go to Mary Morrison, leaving to attend University of Tennessee—also to Jean Bridges, who is going to move into her new home in Crossville and begin duties of motherhood.

Jack Blackerby is being oriented into the mysteries of Mechanical Engineering—seeing as how he is the newest member of the menage as a co-op student.

Development duplicated this action for the benefit of F. H. Paterson.

Mary Ballard, Production Assay, has been delving into delovely Dayton Beach delights . . . Elizabeth Hayes went up to Virginia for her vacation and Ozell Wilson is in Nashville.

MECHANICAL OPERATIONS

That fair in Knoxville is attracting attention from J. A. Packard and J. W. Witt, General Machine Shoppers—peanuts, hot dogs 'n' everything . . . Mike Shemanski is back after a week at home in Norris . . . B. B. Addison divided his time between his Gatlinburg cottage and home in Oak Ridge . . . Jim Thorpe also was a homebody in Oak Ridge . . . So was D. M. Willey . . . E. E. Nell is visiting his mother in Mobile, Ala. . . J. C. Maples, G. G. Norton, L. B. Hatfield and E. M. Coburn have been vacationing and telling all about the good times they had.

Another fair goer is W. J. Anderson, F Mechanical Operations . . . Harold Babb has been up in Cincinnati, where he was best man at his brother's wedding . . . L. D. Best found his Sweetwater home most comfortable for vacationing purposes.

C. S. Patty, C Mechanical Operations, and family week-ended recently at Myrtle Beach, S. C. . . W. T. Hayley has been visiting relatives in Detroit and R. E. McJunkins took time out to do some hunting in the Tellico Mountains . . . Get-well wishes to W. N. Lacy and R. L. Ferguson.

C. J. DeHart, B Mechanical Operations, comes up with the declaration that his catch of 14 fish in seven casts at Douglas is just par for the course (Huh?) . . . H. C. Orange is moving into his new Oliver Springs home . . . H. E. Dake is doing the same thing at Kingston . . . A. E. Harrell is catching up with his farming and J. J. Campbell is painting his Knoxville home . . . A bunch of the boys got their snoots full—of gasoline and oil fumes—at those automobile races at Darlington, S. C., Labor Day with such fans as H. E. Dake, P. G. Fleeman, J. W. Cooke, H. F. Harris, Howard Finley, Ed Sise, J. K. Johnston and J. H. Worthington being among the railbirds . . . J. R. Neal is a Daytona delegate . . . J. F. Spradlen vows his wife is taking him to Florida again . . . R. A. Guy and W. Chambers are deep sea fishing in the Land of Sunshine . . . A. B. Blevins recently visited relatives in Virginia's beautiful Shenandoah Valley . . . Illinois beckoned J. W. Beeman and Ohio did the same for F. J. Womack . . . Home folks while vacationing are R. E. Plemons in Rockwood and C. L. Wright in Clinton . . . Others at home include J. B. Loy, S. M. Pintue, J. V. O'Neal and W. R. Coats . . . Get-well wishes are sent to the mother of C. C. Tenpenny, off two weeks to be at her bedside, likewise to D. H. Stephens and P. R. Hitson, also on the sick list.

MANUFACTURING OFFICE

Tom Narerosse, Property, has been vacationing in St. Louis, Mo. The Oak Ridge homestead looked good for vacationing loafing to Andy Inman, Reproduction.

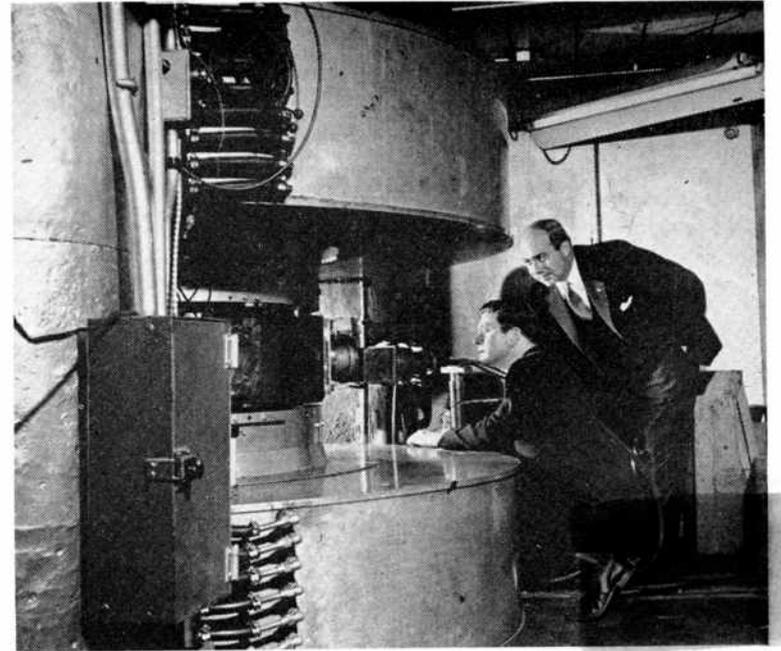
Production Inspection reports Pat Dabbs, Jr., and J. B. Ensor recovering from surgery at Oak Ridge Hospital and is sending lots of get-well wishes over there . . . Vacations found G. H. Fulmer at home in Rockwood, P. S. Suffridge around home in Oak Ridge and C. A. Sparks fishing over at Fontana.

Vacations for Stores sent J. B. Housley to Springfield, Ill., and J. R. Bayless to Macon, Ga.

MAINTENANCE

Salvage extends sympathy to Kermit Duncan, whose grandchild died recently in Lake City.

Kentucky kin folks called E. B. Kimbro, Electrical Maintenance,



ONE OF THE HIGH SPOTS OF "OMNIBUS" SHOWS last season was a demonstration by Physicist John R. Dunning, dean of Columbia University Engineering School and consultant to Union Carbide, of an atom smasher in action. A scene from this demonstration is shown above.

UCC Co-Sponsored TV Show 'Omnibus' Opens October 7

Continued from Page 1

activities of UCC and how they influence the daily lives of millions of persons.

Very likely many Y-12ers have seen some of the previous "Omnibus" shows and have heard them discussed. For the past five years "Omnibus" has established itself as a TV "habit" in many homes. Millions have been entertained and informed by its many presentations. Regular viewers know that "Omnibus" does not follow a set

there for his vacation . . . The Colyum Conductor wondered how long before this gag hit his notes—It says here that A. H. Stacy is campaigning for "Joe Smith" while vacationing . . . F. E. Day is visiting Chicago . . . H. E. Argo was in the Darlington automobile race program audience Labor Day . . . Probably NOT campaigning for "Joe Smith" but still mysteriously unreported on vacations were O. J. Pierce, C. E. Harpe, R. L. Jennings, S. H. Franks, J. L. Young and C. W. Cowan.

Flossie Smith and Ira Smith, of the Laundry, are vacationing at their home in LaFollette.

J. A. Coston, of the Garage, is learning to yippee with the cowboys at Oklahoma City and Cheyenne, Wyo.

ALLOY

The Alpha Five chapter of the lodge reports that D. R. Carr is taking some flying lessons up at Morristown and will get in a trip to Florida while vacationing—not saying if the Florida trip is on his own wings or not . . . J. T. Hall and Fred Farmer are home vacationers this week and L. P. Long is back from some of the same.

Alpha Fourites have H. H. Williams visiting relatives up Kaintuck way and over in Virginia . . . H. M. Freels is dividing time between Kansas City and points in Indiana . . . Romance raised its beautiful wings for a pair of Alpha Four chaps—Al Gillen was married August 30 to Miss Marily Grant and J. S. Peterman likewise is a recent bridegroom . . . Meanwhile the Proud Pop's Club picked up another member in C. R. Mealer—no statistics . . . Back to vacations—L. H. Husky used his time to get ready to return to college at Maryville, Tenn. . . M. W. Rickard took the opportunity to train his beagles . . . J. E. Barnes worked on an educational project—starting his son in school . . . E. E. Bell is just hiding out . . . Condolences are extended R. R. Duff, whose mother-in-law died recently.

Back to the barn now—and so to press.

pattern. In the words of the program's host and commentator, Alistair Cooke,

"It is a 90-minute variety drawn from all the best things that man has done and is doing—in the arts, literature, music, the theater, sports, science and everyday life—something for everybody . . ."

Outstanding Programs Presented

Some of the outstanding musical programs presented in the past include an explanation of modern jazz by Leonard Bernstein and scenes from the American classic, "Oklahoma!"

In history, "Omnibus" has brought the early life of Lincoln and three programs on the American Constitution. Planned for this January is a show on the Battle of Gettysburg.

Other memorable programs shown in the past include "Trial by General Court-Martial, Col. William Mitchell, Air Service"; "The Horn Blows at Midnight" starring Jack Benny; and contemporary life programs like "What Happens in Football," demonstrated by the Columbia University football team.

Y-12ers Urged To Tune In

These far-ranging programs of "Omnibus" will bring another year of stimulating television. Because the story of the Corporation will be brought to life, it is hoped that all Y-12ers as members of Union Carbide will find the program especially interesting.

10 Years Service

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

William J. Mackley, Production Inspection, September 15.

William Hinkleman, Electrical Maintenance, September 19.

University Of Tennessee Man To Address Seminar

"Studies of Pi₀ Mesons" will be discussed at the weekly meeting of the Oak Ridge Physics Seminar at 3:15 o'clock Friday afternoon of this week, September 14. The meeting will be held in the auditorium of Bldg. 4500, Oak Ridge National Laboratory, with David T. King, of the University of Tennessee, leading the discussion. Y-12ers interested in the subject are invited to attend the session.



IS H. J. HAHN, OF THE Y-12 PAINT SHOP, the plant's most successful angler? The three pictures above are of three consecutive week-end catches from Watts Bar Lake. At left are mostly sauger pike, catfish and large-

mouth bass. The center picture is of a string of large and smallmouth bass and catfish. That big load at right are crappie and sauger. Hahn is a dedicated angler who "just happens to know where the fish are."

Y-12 Painter Consistently Successful In Catching Fish From Watts Bar Lake

One thing's for sure—if anyone hears H. J. Hahn, of the Y-12 Paint Shop, grumbling about "bad fishing luck," it is almost certain he has a grumble or two coming. This boy Hahn seems to have the Indian sign on the fish population, particularly those around the vicinity of the Blue Springs Boat Dock on Watts Bar Lake.

Week end after week end Hahn saunters over to Watts Bar Lake and just as regularly he comes back with big strings of fish such as are shown above. It would seem that the Hahns would have plenty of fish for every meal of the day—but neither he nor his wife eat the critters. He gives 'em away so the Hahn neighborhood is well fish fed.

His secret? 'Just Happens' To Know

"I just happen to know where they are," he told The Bulletin last week. "You see I have been all over that lake in low and high water. When the lakes were down last winter, I found spots where stumps and rocks would be under water when the water rose and I knew that's where the fish would be then. That's one thing."

"Then fishing's hard work. I spend about 14 hours a day, Saturdays and Sundays, out there, but have a lot of fun, too. I go out about 3 a.m. every Saturday, come back about 5 o'clock in the afternoon and do the same thing Sundays."

Hahn's fishing prowess has earned him the nickname of "Dynamite," but he hastens to say that he never used any illegal means in capturing his big strings.

For bait he uses both live minnows and chubs and also plugs and other artificial lures—it all depends on what kind of fish he is after.

His favorite—smallmouth bass for gameness and difficulty in landing. He wouldn't put a striped bass on his string, but also favors crappie and sauger as good sporting fish.

During the spring months he does most of his fishing over around Center Hill Lake, but prefers Watts Bar in the summer and fall when the waters are warmer. All of his fishing is done during daylight hours from his electrically-driven boat that emits much less noise and water disturbance than do gasoline-powered boats.

C, Mixed League Open Play Tonight

Two more plant bowling leagues will begin alley activities tonight at the Central Bowling Alleys. The C League will start the timber toppling at 6 p.m. and the Mixed League will take over at 8:30 p.m. The Mixed League has eight teams this year instead of the six of last season. The teams are composed of two men and two women each and proved popular with the keggers and keggerettes last season. The C League has the same eight teams as campaigned last season.

Oak Ridge Wildcats Meet East Friday

After their victory over LaFollette last week, the Oak Ridge High School football Wildcats will take on a couple of tough Knoxville teams on successive Friday nights at Blankenship Field. Knoxville East Mountaineers will provide the opposition on Friday night of this week, September 14, while on next Friday night, September 21, the Falcons of Fulton High School will invade the local gridiron.

There are a number of sons of Y-12ers on the Wildcat squad this season who are expected to give a good account of themselves. Among them are Alternate Capt. Gerald Bryant, son of Samuel L. Bryant, of Buildings and Grounds.

After the Fulton game the Wildcats go on the road for a game September 28 against McMinn County. October 5 is an open date and then the Wildcats travel to Nashville to meet the always strong Isaac Litton Lions. Knoxville West comes to Oak Ridge October 19 and then the Riders go to Knoxville to meet Young High School October 26. The Purple Pounders of Chattanooga Central High School visit Oak Ridge November 2 and the season closes at home November 9 against Knoxville Rule High School.

Screwballs Assume Classic Loop Lead

The Screwballs got away to a running start in the Classic League of Y-12 Plant bowlers last Thursday night at the Oak Terrace alleys by blanking the Playboys for four points. Other winners by three points each were the Wasps, Has Beens, All Stars, Wolves and Rippers with their victims being, respectively, the Tigers, Cubs, Swingsters, Bumpers and Rebels.

Ed Gambill had the best individual game scores of the night with a 214 scratch and 251 handicap. In series scoring Joe Dunlap posted a 553 scratch and 634 handicap tally. In team scoring the Rippers swept the boards with an 872 scratch game, boosted to 1012 with handicap, 2475 scratch and 2877 handicap series.

League standing follows:

Team	W	L
Screwballs	4	0
Wasps	3	1
Has Beens	3	1
All Stars	3	1
Wolves	3	1
Rippers	3	1
Tigers	1	3
Cubs	1	3
Swingsters	1	3
Bumpers	1	3
Rebels	1	3
Playboys	0	4



J. T. HALE, PRODUCT PROCESSING, is rightfully proud of the fine striped bass he is holding. The fish was caught below Ft. Loudoun Dam on a baby dude fly and is a likely candidate for top honors in the specie in the Annual Y-12 Fishing Contest.

Kendig-Coley Hold Horseshoe Lead

Kendig and Coley repulsed the challenge of Hart and Zupan in the Y-12 Horseshoe Ladder last week to cling to first place. The Kendig-Coley team had taken over first place the previous week by trimming Hart and Zupan. Beckett and Smith beat Horton and Hackett and Hawks and Lewis also beat the same team in other matches.

The ladder standing as of last Friday was (1) Kendig-Coley, (2) Beckett-Smith, (3) Hart-Zupan, (4) Hawk-Lewis, (5) Moses-Vermillion, (6) Horton-Hackett, (7) McGinnis-McCoig, (8) Gillihan-Whitaker, (9) Ragsdale-Keys, (10) Rapier-Toney, (11) Haggard-Smith, (12) Simmons-Davis.

49ers Cop 1956 Plant Softball Crown With Doubleheader Win Over Early Birds

Veteran Ed Sise Hurls American League Champs To Twin Victory In Y-12 'World Series' Tilts

Showing an impressive demonstration of power, the 49ers team of the American League of Y-12 softballers easily won the "world series" for the plant championship last Saturday night with a doubleheader win over the Early Birds, National League titlists. The scores were 15 to 0 and 13 to 0.

The veteran Y-12 chunker, Ed Sise, was in rare form in both games for the 49ers, allowing only two safeties in the first game and one in the second. Meanwhile, the champions were blasting the offerings of Bullard all over the Midtown Diamond No. 1, site of the title series. Sewell Brown, 49ers, socked the only home run of the night in a big fourth inning of the first game.

Line scores follow:

Team	R	H
Early Birds	000	000
49ers	120	1200

Batteries: Early Birds, Bullard and Bowman. 49ers, Sise and Hopkins.

49ers	250	120	3	13	10
Early Birds	000	000	0	0	1

Batteries: 49ers, Sise and Hopkins. Early Birds, Bullard and Bowman.

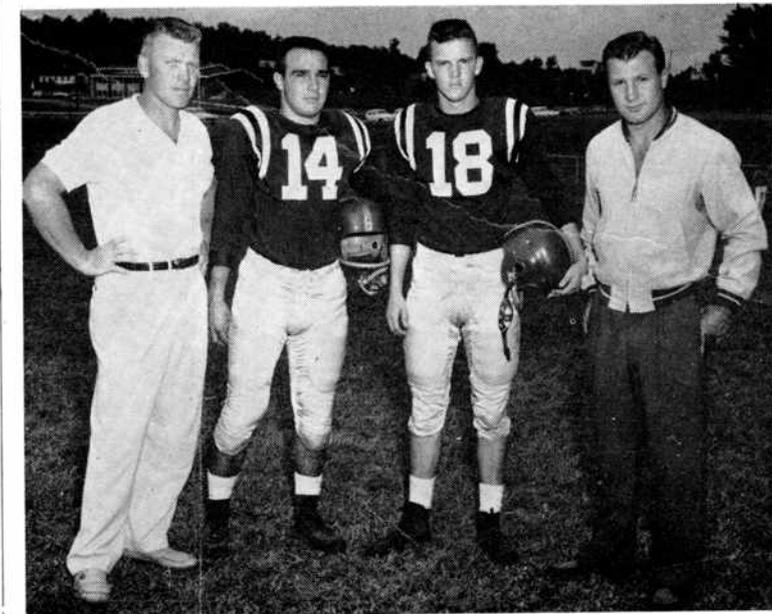
Ballenger-Hackett Top Tennis Ladder

Frank Ballenger and Bill Hackett advanced to the top of the Y-12 Tennis Ladder last week with a 6-2, 6-4 win over Don Wood and Jack Thomson. Ballenger teamed with Millard Cromer to win the 1955 Y-12 Tennis Ladder and his present partner, Hackett, played with Thomson to gain second place.

In other matches last week Mike Laggio and John Perry beat Ed Campbell and George Everitt by 7-5, 6-3 and Campbell and Everitt trimmed Lee Horton and Al Fischer 6-2, 6-2.

The ladder standing as of last Friday was (1) Ballenger and Hackett, (2) Wood and Thomson, (3) Everitt and Campbell, (4) Laggio and Perry, (5) Horton and Fisher, (6) Sheehan and Stephens, (7) Nicely and Gregory, (8) Willie and Cusman, (9) Dabic and Arday, (10) Fletcher and Secrist, (11) McGinnis and Gombita.

Remember—Only you can PREVENT FOREST FIRES!



A PROUD Y-12ER IS THE FATHER OF THE ALTERNATE CAPTAIN of the Oak Ridge High School football team this season. The alternate captain is Gerald Bryant, No. 18 above, and his father is Samuel L. Bryant, of Buildings and Grounds. Others in the picture are, from left, Coach Jack Armstrong. Team Capt. Don Stevens and at right Assistant Coach Don Bordinger.

47 Y-12 Golfers Eye All-Carbide Honors

Plant Has Four Players In Championship Flight

A total of 109 golfers, of which 47 are Y-12ers, began battling for top honors in the All-Carbide Golf Tournament last week end with the blasting scheduled to continue until September 28, when final matches for the championship in the 15 flights must be completed.

O'Neal Fails To Enter
A new titlist will be crowned in the championship flight this year, as Palo O'Neal, of the Y-12 Colex Operations Department and 1955 winner, did not enter the tournament. However, the Y-12 Plant has four of the eight players in the championship flight this season.

FIVE Y-12ERS TRIUMPH IN FIRST ROUND TILTS

Y-12 golfers won five of the first six matches reported in the All-Carbide Golf Tournament over the past week end. Results known on Monday follow:

Fifth Flight: Bob Orrison, Y-12, beat R. J. Marlino, K-25; J. E. Bartholomew, Y-12, beat Helen Dagggett, ORNL and the tourney's only woman entry. Sixth Flight: Harvey Saylor, Y-12, beat L. B. Emlet, K-25. Ninth Flight: Obie Henegar, K-25, beat W. K. Whitson, Jr., Y-12. 11th Flight: P. J. Arrwood, Y-12, beat H. Sullivan, K-25. 14th Flight: George W. Evans, Y-12, beat Avis Collins, Y-12.

In that championship flight Frank Burchfield and Al Gillen are in the top bracket and Art Hines and Carl Dorr in the bottom four, giving our side a good chance to have another all-Y-12 finals as was the case last year when O'Neal beat Dorr for the title.

Y-12 Golfers Notified
All Y-12 contestants have been notified by the Recreation Department of their pairings for the tournament. First round matches must be completed before Friday of this week, September 14. Second round contests must be finished by Friday, September 21 and final round tilts concluded by Friday, September 28.

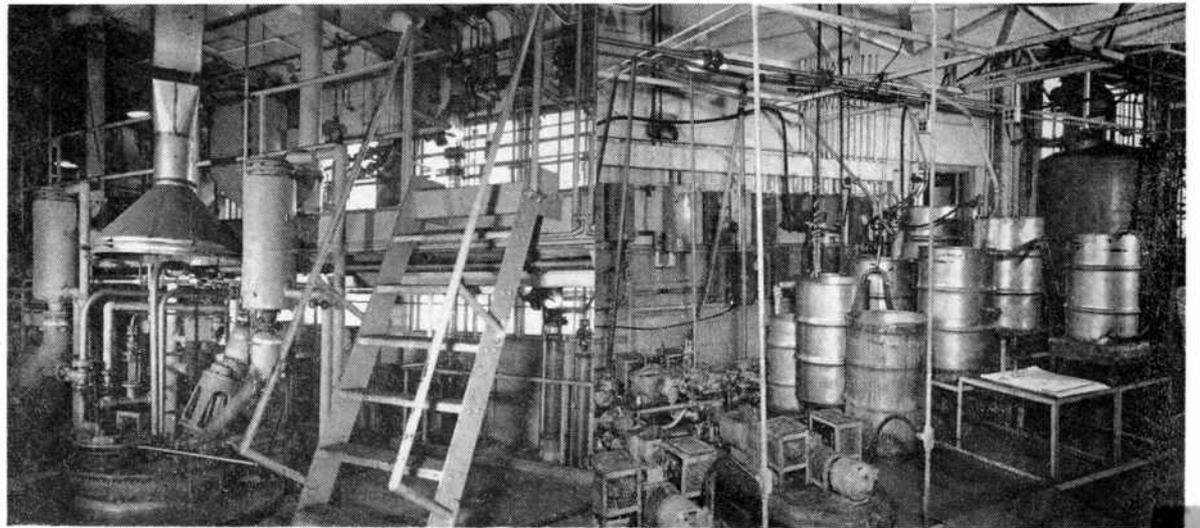
According to tournament rules contestants may choose any golf course on which to play their matches, but in case of disagreement the tilt must be staged at the Cedar Hills course at Martel. Also players may decide to play either nine or 18 holes, but again if no decision is reached the match must go for 18 holes. All play is match.

Laws have their proper place, but the responsibility of worthy citizenship is a personal one. We each have a separate and individual share in eradicating social evils and in refusing to perpetuate practices odious to a free nation.—Herbert Brownell Jr.

BRIDES! If you married since the last election, you have to register again to vote in the November 6 election. Be sure your new name is in the book!

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HERE IS SOME OF THE EQUIPMENT used in uranium purification processes in the Y-12 Plant that will be described in a paper by G. E. Isham, Chemical, at the Atomic Energy Commission industrial technical information meeting on cold processing of enriched uranium. The meeting will be held this week.

How Would It Make You Feel To Plan For A COFFIN?

Around 40,000 heartbroken families in the country will know the answer to this headline because of traffic accidents this year, says the National Safety Council. That is, unless everyone pitches in and does something about it.

HERE'S HOW Y-12ERS CAN HELP STOP ACCIDENTS

1. Drive safely and sensibly yourself. Keep alert. Watch both traffic and pedestrians. Observe speed limits and warning signs—those signs are signs of life! Where drivers are careful and obey the law, traffic deaths go DOWN.

2. Insist on strict enforcement of all traffic laws in your community. Traffic regulations work for you, not against you. Wherever traffic laws are strictly enforced, traffic deaths go DOWN.

Enforcement Would Be Curb

Real enforcement of traffic laws and adequate penalties for their violation will curb the antics of the reckless, the careless and the criminally negligent driver.

"Losing face" would make such drivers think twice before violating traffic laws. It has been suggested that police paint a wide yellow stripe around the automobile of a first offender against traffic laws. That certainly would



hamper a youth in persuading his girl friend to go for a ride if he appeared at her home in a car decorated with a wide yellow streak. It would shout the news to her and her parents that the youth was an unsafe driver.

Embarrassment Would Hurt

It also would have a healthy influence on more adult drivers—for few men and women can stand to be publicly embarrassed. The "yellow stripe" proposal might have much more influence than a fine for a traffic violation—actually for some drivers a fine is no punishment at all.

So—you Y-12 drivers—don't let yourself in for the terrible task of having to plan for a coffin because of a tragic traffic accident.

Close Competition Marks Fish Rodeo

Despite some poor fishing weather during the late summer months, competition was close in the Y-12 Fishing Rodeo that opened June 30 and continued through Labor Day, September 3. Entries were received in all of the eight specie of fish eligible for the awards offered.

Three nice rainbow trout ran a fin and fin race for top honors in that class. J. B. Wright, Colex Operations, topped the bunch with a one-pound, eight-ounce beauty. T. E. Hillard, Reproduction; and Ralph Taylor, B Mechanical Operations; each had one-pound, four ounce fish but Hillard's catch was 15 inches long and eight inches in girth against 14½ inches and seven inches for Taylor's entry.

In the largemouth bass department N. H. Wise, General Machine Shop, had the biggest fish in the rodeo, a fine six pounder, for top honors. Harry Hahn, of the Paint Shop in Buildings and Grounds, caught a four-pound, three-ounce smallmouth to take first place. In the striped bass class R. P. George, Electrical Engineering, turned in a fish weighing two pounds, 10 ounces for best of specie.

E. R. Easterday, General Machine Shop, had a walleye pike weighing three pounds, 10 ounces, for first place. H. M. Monday, General Machine Shop, had the best sauger pike, a three-pound, three-ounce entry.

In the crappie specie it was Herb Oliver, E Mechanical Operations, in first place with a catch of two pounds, one ounce. Elmer Green, Buildings and Grounds, had the best bluegill, the fish weighing 16 ounces.

The Y-12 Recreation Department will award prizes to winners

Tibbatts-Mitchel Win Ridge Title



N. Tibbatts G. Mitchel

The Nelson Tibbatts and George Mitchel team won the championship of the season in the Y-12 Golf League at Oak Ridge last Saturday at the Oak Ridge golf course, defeating Bob Orrison and Harvey Saylor. The plant champions for 1956 won the second half of the season race after the Orrison-Saylor duo had taken the first half crown.

ENTREES APPETIZING ON SPECIAL LUNCHES

Appetizing entrees have been arranged for the 50-cent Special Lunches to be served at the Y-12 Cafeteria tomorrow, Thursday, September 13, and next Tuesday, September 18. For tomorrow's Special Lunch the main dish will be fricassee of veal. On next Tuesday scrambled eggs and diced ham will be served. One vegetable, choice of salad or dessert and rolls and butter are served with the Special Lunches.

and runners-up in each specie, who will be notified this week. No angler may win more than one prize.

Aid Courses Enrolling Dates Are Announced

Continued from Page 1

approved courses and apply for benefits at the Training Department, second floor, Bldg. 9704-2, from Lawhorn or Ralph Pearson, who is assisting in coordinating the program. They also will be glad to give full information on courses, enrollment dates and other matters. The telephone number is 7751.

Vocational Courses Offered

The Oak Ridge Adult Education Program registration is slated to begin next Monday, September 17, with classes opening October 1. The AEP offers numerous vocational courses and high school subjects as well as office training and business classes.

The Division of University Extension of the University of Tennessee also will offer registration at the same time with enrollment for these classes as well as those of the Adult Education Program at the AEP office in the Oak Ridge High School.

The University of Tennessee Graduate School fall quarter classes for Oak Ridge will register students on Monday, September 24, from 6 p.m. to 9 p.m. at the Oak Ridge Institute of Nuclear Studies Training Building directly behind the Atomic Energy Commission administration building. Classes will be held in that building beginning Tuesday, September 25.

Electrical, Industrial Engineering

Registration for the graduate classes in electrical engineering offered by the University of Tennessee at its Knoxville campus will be held from noon, September 20, to noon September 22 at the Graduate Office in the Administration Building. Classes will begin Monday, September 24.

The graduate program in the University of Tennessee Department of Industrial Engineering has the same enrollment dates and place from September 20-22 with classes in Knoxville beginning the week of September 24.

Course Must Aid Job

A course to be qualified under the Educational Assistance Program is one that will aid an employee in his present job or help prepare him for another job with the Company. The course need not lead to a degree. The program provides 50 per cent of the cost of tuition, laboratory fees, books and supplies and cannot exceed \$50 per quarter or \$150 for the 12-month period. The expenses are paid only on presentation of receipts and reports that a course taken is satisfactorily passed.



DAVE ALFORD, BETA TWO, won first prize in the Y-12 Photographic Contest for the week ending August 31 with his picture of a "Bashful Flower Girl," above. The bride is Alford's sister, whose groom accidentally had his head cut off in the picture. Below is the second award picture by J. H. Stewart, Health Physics, entitled "Sunday Fishermen," and snapped on the Pigeon River between Sevierville and Gatlinburg.

Rides Wanted, Offered

Ride wanted from South Clinton to Central Portal, straight day. Ellis Darby, plant phone 7-8438, home phone 60-M, Clinton.

Riders wanted from North Knoxville to any portal, straight day. T. E. Buckner, plant phone 7-8401, Knoxville.

Ride wanted from 147 Johnson Road, Oak Ridge, to Central Portal, F Shift. Mickey Bardill, plant phone 7608, home phone 5-8855, Oak Ridge.

Want to join car pool from North Hills section of Knoxville to West Portal, straight day. R. E. Lee, plant phone 7904, home phone 5-6878.

Ride wanted from Cross St., Clinton to North or Central Portal, straight day. Genie Hale, plant telephone 7151.

Smoker Set September 20 By Mechanical Engineers

The annual smoker meeting of the Oak Ridge Group of the East Tennessee Section of the American Society of Mechanical Engineers will be held Thursday night, September 20. The session will be at 8 o'clock in the Starlight Room of the Oak Terrace. A color film will be shown on the tower shielding facility reactor at Oak Ridge National Laboratory.

Y-12 Part In AEC Atom Plan Revealed

Continued from Page 1

—"The Preparation of Uranyl Sulfate."

G. E. Isham, Chemical — "Y-12 Low Assay Facilities."

J. D. McLendon and J. W. Wachter, Superintendents—"General Discussion of Nuclear Safety."

F. C. Uffleman, SS Control—"General Discussion of Material Accountability."

L. E. Burkhart, Development Operations—"General Discussion of Analytical Measurements."

L. C. Emerson, Health Physics—"The Health Physics Aspects of Uranium Processing."

E. W. Bailey, Quality Control—"General Discussion of Quality Control."

At the Saturday morning session beginning at 9 a.m. Co-Chairmen Hibbs and Pittman will conduct a question and answer session for members of the audience. As a security measure, all questions will be submitted in writing.

Development Company Picks T. J. Coleman

T. J. Coleman has been appointed Associate Technical Director of the recently formed Union Carbide Development Company, a Division of Union Carbide and Carbon Corporation, it has been announced by Birny Mason, Jr., President of Union Carbide Development.

Coleman joined Union Carbide in 1934 as a Cadet Engineer for the Linde Air Products Company, a Division of the Corporation, in Buffalo, N. Y. In 1956 he was appointed General Manager of the newly-formed Silicones Division of the Corporation.

He was born in Portland, Ore. He received the degree of Bachelor of Science in Chemical Engineering from Oregon State College, in 1933, and the degree of Master of Science from Massachusetts Institute of Technology in 1934.

220 Guests Highly Praise Y-12 Annual Fall Dance

The annual Fall Dance staged by the Y-12 Girls Club and the Recreation Department last Saturday night at the Oak Terrace drew 220 paid guests, all of whom highly praised the affair. Music was by the Larry Dunn orchestra. Among the Girls Club members active in staging the dance were Virginia Boswell, Jo Ann Rowan, Evelyn Tucker, Lucy Hatmaker, and others.

REMEMBER—your vote won't register in the November 6 election if you are not a registered voter. So "get your name in the book" of registered voters!