

THE WINGFOOT CLAN

GOODYEAR ATOMIC CORPORATION

A Subsidiary of THE GOODYEAR TIRE & RUBBER COMPANY

VOLUME X

PIKETON, OHIO, WEDNESDAY, JUNE 19, 1963

NUMBER 18

Next Bloodmobile Visit July 9 - 10

Employees Cited For Support Of Tri-State Blood Center

Goodyear Atomic Corporation employees were awarded a Certificate of Appreciation June 6, 1963, by the Tri-State Red Cross Blood Center.

The Tri-State Blood Center is comprised of 10 Red Cross County Chapters in Kentucky, five in Ohio, and 12 in West Virginia.

Goodyear's award was in recognition of the employees' blood donor record for bloodmobile visits.

H. H. Stoops, standard practice department, a 48-pint donor, accepted the award on behalf of all GAT employees. Presentation was made during the Sixth Annual Meeting of the Tri-State Blood Center.

The Pike County Chapter, under which the GAT Blood Bank operates, was saluted for outstanding donor participation which resulted in 111.75 per cent donation against the assigned goal. More than 800 units of blood have been credited to the Pike County Chapter.

E. J. Heffernan, Administrator for the Tri-State Blood Center, reported that the center had collected a total of 19,538 pints during the first 11 months of 1962-63 year which represented 81.4 percent of the 22,000 quota. This total represents a slight drop from 19,800 and 82.5 percent for the previous year.

The Tri-State Bloodmobile will make its semi-annual visit to Good-

year Atomic Corporation on July 9 and 10, 1963.

The hours have been modified somewhat from previous visits. On Tuesday, July 9, blood donations will be received from 8 a. m. until 2 p. m. The second day, Wednesday, July 10, the hours will be from 12 noon until 6 p. m. This time schedule change, it is believed, will accommodate "A" and "C" shifts.

Headquarters for the July Bloodmobile visit will be the same as last January — the South Wing of the X-100 Building.

In January, employees responded with 212 units of blood. It is this type of response that merits this statement — "We feel that our visit to Goodyear Atomic Corporation is one of the best in the Tri-State area." — Personnel of the Tri-State Bloodmobile.

Every visit of the Bloodmobile is IMPORTANT. It is YOUR BLOOD BANK. Support it!

REMEMBER—Any type of blood is RARE . . . if needed . . . and it isn't there!



CERTIFICATE OF APPRECIATION from the American Red Cross is presented to H. H. Stoops, Standard Practice, by Mrs. Harriett Cartmell, District Chairman, Tri-State Blood Center. Stoops, a 48-pint donor, accepted the Certificate on behalf of all GAT employees.

GAT's Uranium Shipments Value Exceeds 1962 Total

The value of GAT uranium shipments for peaceful nuclear projects — fiscal year 1963 to date (through May) is over \$26.5 million. This already exceeds the value of shipments for all of fiscal year 1962.

In fiscal year 1962, uranium valued at \$21.7 million was shipped from plantsite. This figure is based on uranium charges at a level 10% higher than those used for fiscal year 1963.

Goodyear Atomic's current shipments include the uranium fuel for the SELNI reactor near Trino, Italy. GAT made the initial shipment in March and will continue to make

shipments routinely through September, 1963.

The dollar value of this material provided by Goodyear Atomic for the SELNI reactor, alone, should exceed \$9 million. This involves the withdrawal, preparation, and shipment of approximately 400 cylinders.

GAT Makes Second Product Withdrawal For Canadian Gov't

Goodyear Atomic Corporation made the second withdrawal of material for Canada last month.

The material is enriched to 3.8 weight percent uranium-235. The order represents a lease shipment to Atomic Energy of Canada, Ltd., on a government to government basis.

Eldorado Mining and Refining, Ltd., Port Hope, Ontario will process the order. The total of 1,100 pounds of uranium, contained in seven cylinders, is valued at \$171,780.

Goodyear made the first direct shipment to Canada last November. The material withdrawn for this order was enriched to 9.0 weight percent uranium-235 and was a sale to the government of Canada.



AN AWARD OF HONOR — Mrs. Florence Henry, Executive Director, Pike County Chapter, American Red Cross, accepts the WSAZ-TV Award of Honor from E. J. Heffernan, Administrator, Tri-State Blood Center. The Award was presented for having produced the highest percentage of blood collections during 1962-63.

SAFETY SCOREBOARD

As of midnight, Tuesday, June 18, 1963, the employees of this plant had worked an estimated 896,000 manhours without a disabling injury.

AEC Reduces Official Amount Of U-235 Isotope In Natural Uranium

The Atomic Energy Commission has announced a reduction in the official value to be used for the amount of the scarce uranium isotope, U-235, in natural uranium.

U-235 is the naturally occurring fissionable isotope of uranium. Because of its readily fissionable nuclei, U-235 is used as basic fuel in most reactors operating in this country.

On the basis of early experiments in the atomic energy program it was believed that U-235 constituted 0.7115 weight per cent of the ma-

terial in natural uranium, with the balance composed of an isotope of uranium known as U-238 and trace amounts of a third isotope of uranium called U-234. Later studies have shown the value for U-235 to be incorrect.

Beginning July 1, 1963, the official value for the U-235 content of natural uranium will be changed from 0.7115 weight per cent to 0.711 weight per cent unless the actual, measured value of the U-235 is known. No change has been made in the estimated trace amount of U-234 present in natural uranium.

Annual Picnic Set For Sept. 14

GAT's Annual Picnic will be held Saturday, September 14, 1963. The site, once again, will be the Camden Amusement Park just west of Huntington, West Virginia on U.S. Route 60.

The September date will ac-

commodate employees of "C" shift, who, for the past two years have been working the day of the Picnic.

By selecting the September date, the Company was able to reserve the Park for a five-hour period.

CONGRATULATIONS

The fire protection program at Goodyear Atomic Corporation "is 'good' and warrants a 'very satisfactory' overall grading." This was the "Report of the Semi-annual Fire Protection Survey" conducted by J. K. Bolin, Fire Protection Engineer, Atomic Energy Commission, Oak Ridge Operations Office.

A Report ... A Review ... An Idea ... For A Better Way



Jack Feurbacher's report started it...



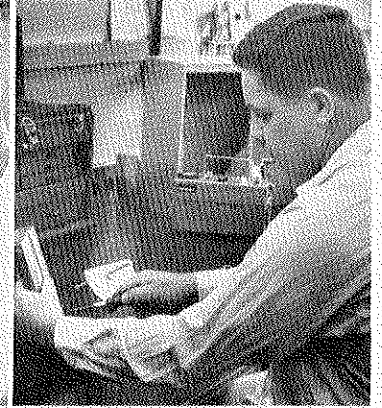
Mentges and Thompson believed an easier way could be developed...



Kalmon, Ostroski, and Steinbauer discuss the idea...



Mustard was assigned to develop the Directional Sensor...



Riggan assisted in the fabrication of the instrument...

Similar To Radio Direction Finding

Employees Collaborate To Develop Radiation Sensor

"There must be an easier way," vision, in conversation with W. B. These words were uttered by C. A. Thompson, cascade coordination department, cascade operations sub-

report on "Estimating the Magnitude of a Fission Burst and the Radiation Level at any Distance from the Burst"

The report, written by Jack Feurbacher, operations analysis department, outlined the procedure in locating, mathematically, where a radiation incident had occurred.

Thompson and Mentges were discussing the report following the daily meeting of the "morning group" in the X-300 Building. For some time, the two men had been evaluating the possibility of locating a radiation incident by a method similar to that used in radio direction finding. "Feurbacher's method is very accurate," stated Thompson, "but it is also time consuming. We felt that a way could be developed that would expedite locating a critical reaction." The two conceived the idea and originated the method for building the instrument.

As a result of this informal discussion, they decided to present their ideas to the "morning group". Following their presentation, C. R. Milone, manager, technical division, appointed a committee to study the matter. The committee included A. S. Ostroski, electronics department; Henry Steinbauer, instrumentation development department; Ben Kalmon, health physics department; and Thompson.

This group met and decided that the instrumentation development people would be the logical ones to develop a model of the instrument.

Steinbauer turned the job of building the instrument over to G. L. Mustard, who was assisted by C. E. Riggan, of the instrumentation development department.

In May, 1962, Steinbauer discussed possible configurations for the device with Kalmon, Mustard, and Thompson. The first experimental model was tested the second week of May. The experimental model,

The following employees are certified Union Representatives for Local 3-689, Oil, Chemical and Atomic Workers, International Union.

DIVISION I

Committeeman: C. F. Ferguson, Utilities Maintenance Department; R. H. Meenach (Alternate), Welding Shop

Stewards:

District 1 — G. R. McConnell, Electrical Maintenance

District 2 — P. E. Cravens, Cascade Maintenance

District 3 — W. M. Oberle, Electrical Maintenance

District 4 — Q. R. Davis, Electrical Maintenance

District 5 — E. L. Hill, Cascade Maintenance

District 6 — S. Hawley, Utilities Maintenance

District 7 — H. M. Keys, Electrical Maintenance

District 8 — B. W. Lamb, Instrument Maintenance

District 9 — W. K. Roe, Special & Mechanical Shops

District 10 — W. Farley, Carpenter & Paint Shop

DIVISION II

Committeeman: B. Murnahan, Jr., Cascade Operations; K. Chapman (Alternate), Process Area 6

Stewards:

District 11 — J. T. Hiteshaw, Process Area 4; R. E. Schisler (Alternate), Process Area 5

District 12 — M. F. Sexton, Jr., Process Area 5; L. R. Jones (Alternate), Process Area 3

District 13 — W. F. Collinsworth, Process Area 3; G. L. Smoor (Alternate), Process Area 6

developed and tested by Mustard and Riggan, was described by Steinbauer to Thompson, Ostroski, and J. R. Arndt, chairman of the Emergency Planning Committee (EPS), on May 14, 1962.

Mustard, Riggan, and Steinbauer demonstrated the instrument to Arndt, Kalmon, Thompson, Mentges, and Ostroski on May 16, 1962. Basically the instrument consists of a gamma sensitive probe which is

District 14 — H. O. Waring, Jr., Process Area 3; E. L. Workman (Alternate), Process Area 2

District 15 — G. M. Barr, Electric Power Area

District 16 — P. W. Wooten, Recirculating Water Department

District 17 — R. J. Wolfe, Jr., Steam Plant; C. H. Weghorst (Alternate), Electric Power Area

District 18 — W. H. Corns, Electric Power Area

District 19 — G. L. Russell, Chemical Operations

DIVISION III

Committeeman: E. E. Wilburn, Fire Department; O. B. Cutlip (Alternate), Fire Department

Stewards:

District 20 — D. E. Roberts, SS Materials Handling; O. G. Emswiler (Alternate), SS Materials Handling

District 21 — C. C. Day, Stores Department; C. D. Carter (Alternate), Receiving and Shipping

District 22 — W. S. Whaley, Janitor Service; P. F. Yinger (Alternate), Janitor Service

District 23 — C. L. Shaffer, Janitor Service; C. B. Smyth (Alternate), Janitor Service

District 24 — O. L. Shaffer, Fire Department; J. C. Jones (Alternate), Fire Department

District 25 — C. R. Seagraves, Fire Department; R. B. Halcombe (Alternate), Fire Department

District 26 — R. D. Bradshaw, Fire Department; E. C. Beasley (Alternate), Fire Department

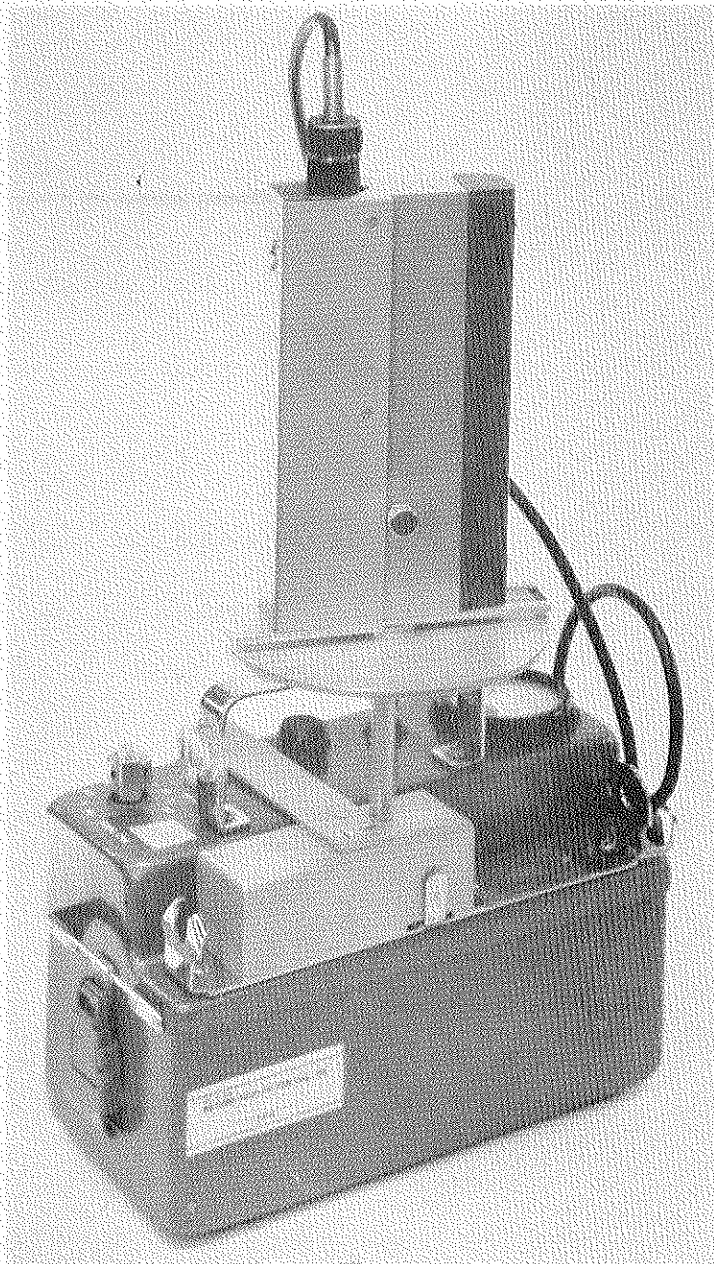
District 27 — C. E. Euton, Fire Department; V. F. Nichols (Alternate), Fire Department

fitted with a lead slug connected to a standard gamma sensitive instrument.

(Continued on page 4)

IN MEMORIAM

Otto E. Moore, 67, died June 8, 1963, at his home in West Portsmouth. A daughter, Mrs. Claudette Hershey, is a member of the stenographic pool.



DIRECTIONAL SENSOR FOR GAMMA FIELDS — This is the instrument designed by the Instrumentation Development Department for determining the location of a critical incident.

Doner Completes 35 Years With Company

Excellent Response To Bridge Tourney

D. W. Doner, manager, industrial relations division, completed 35 years of continuous service on June 13, 1963. In recognition of his long tenure with the Company, a social hour was held in the cafeteria where Doner received the congratulations of his associates.

Formal presentation of the anniversary pin will be made at a later date by G. H. Reynolds, general manager, who is on vacation.

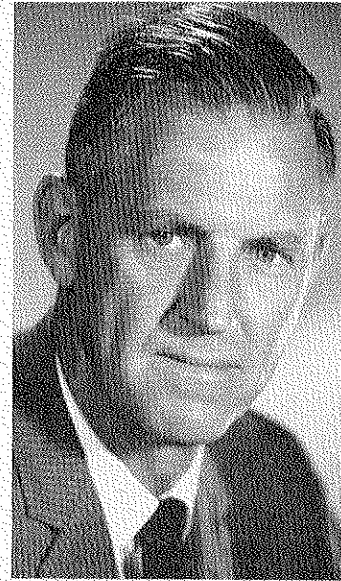
The year was 1928 when Doner began his Goodyear career. It was in this same year he became a member of the production training squadron.

After graduation from the squadron, he was promoted to supervisor of a production squadron group. A year later he was made production supervisor in the tire department.

For three years (1937-40), he was a production supervisor at Goodyear's Jackson, Michigan plant.

In 1940, he was recalled to Akron and assigned as an interviewer at Goodyear Aircraft Corporation (now Goodyear Aerospace Corporation); later he was appointed personnel manager of the Uhrichville and Millersburg subplants. During this period, employment rolls at GAC rose to over 32,000 employees.

Following this assignment, he was transferred to the efficiency depart-



D. W. DONER

ment at Goodyear Tire in Akron where he remained until 1947. From 1947 until 1952, he was personnel manager for Plant C.

Born in Nevada, Ohio, he graduated from the public high school at Butler, Pennsylvania. He also attended the University of Akron. In addition, he was the first member of Goodyear Atomic management to attend the parent company's Management Training Seminar.

Interested in most competitive sports, he is currently serving his second term as President of the Chillicothe Tennis Association. In addition, he is a member of the Goodyear Atomic Foremen's Club and the Masonic Lodge.

Mr. and Mrs. (Dorothy) Doner are residents of Brewer Heights, Chillicothe. They are the parents of three children — Gay, at home; David, Jr., a student at Ohio State University; and Joy, now Mrs. S. W. Wilkins, Jr.

To date, 30 people have signed up for the Duplicate Bridge Tournament to be held June 28 at Lake Margaret.

"We are very pleased with the added interest in this year's tournament," stated Steve Kohut, the tournament director.

Entries will be received until Friday, June 25.

Employees interested in participating in this event should contact Kohut, plant engineering, X-100 building.

Rainbow For Girls

Two Employees' Daughters New Worthy Advisors

Two Goodyear Atomic employees have daughters who are Worthy Advisors for two area Assemblies, Order of the Rainbow for Girls.

Delores Reffit, daughter of W. M. Reffit, cascade coordination department, is Worthy Advisor of Lucasville Assembly No. 137.

Janet Dirmeyer, daughter of S. W. Dirmeyer, "C" Shift Superintendent, will serve Waverly Assembly No. 158 for the coming year.

Delores is a senior at Valley High School. Janet is a junior at Waverly High School.

The Order of Rainbow for Girls is an international organization with Assemblies throughout the United States and a number of foreign countries.

Worthy Advisors



Janet Dirmeyer
Waverly Assembly



Dolores Reffit
Lucasville Assembly



WORLD'S LARGEST free-flying flag is this 60'x90' 50-star banner hung from the New Jersey arch of the George Washington bridge on legal holidays by the New York Port Authority. This banner, produced by Annin & Co., would make 380 of the 3' x 5' flags being offered by Goodyear to the public at cost during its nationwide public service project, "Show Your Colors," now under way through July 4.

Can We Wave The Flag Too Much?

Last Friday, June 14, was FLAG DAY. Did you display "Old Glory"?

Goodyear's public service program, "Show Your Colors" continues through July 4. Goodyear dealers and Service Stores from coast-to-coast are offering a large 3 x 5 foot 50-star flag, a two-section six-foot aluminum flag staff topped by a gold colored American Eagle, and mounting accessories for \$2.57 plus tax. An illustrated manual of Official Flag Etiquette is included in each package.

Can we wave the flag too much? On his "Know Your History" radio broadcast, S. L. Delove answered a listener who had written, "Your programs are wonderful but you are waving the flag too much." His reply has been reprinted and broadcast widely and is a part of the Congressional Record. The following are excerpts of his answer.

"... It seems to me that we are developing a tendency to be timid or even apologetic about waving the stars and stripes.

"... The flag is a symbol of our natural unity. It is the spirit of our undying devotion to our country. It stands for the best that is in us — for loyalty, character, and faith in democracy. Isn't our flag a symbol of the United States of America?

"... Ladies and gentlemen, I believe it is time for us — for the mad, rushing Twentieth Century American — to stop for a moment and THINK! Let us arrest our near reverential admiration of material success and return to the spiritual and ethical values. Let us imbue and rekindle in ourselves and our children the so called old-fashioned way of patriotism, a burning devotion to the principles and ideals upon which our country was founded. Should not every home own and proudly display the colors on holidays and other such occasions? ..."

The flags, under Goodyear's special promotion, are still available at Bierley-Henderson Tire Sales in Portsmouth and the Goodyear Service Store in Chillicothe.

CAN WE WAVE THE FLAG TOO MUCH? We think not — because it represents the highest ideals in individual liberty, justice and equal opportunity for all.

New Arrivals

Mr. and Mrs. R. A. Harrison, (process area 4), son, Jonathan Dean.

Mr. and Mrs. J. O. Foster, (tire department), son, Neal.

Mr. and Mrs. W. O. Knauff, (police department), son, Timothy Wade.

Mr. and Mrs. R. D. Mays, (data processing department), son, Gregory.

Mr. and Mrs. P. I. Davis, (instrument development department), son, Brenton.

Mr. and Mrs. D. L. Spessert, (physical measurements department), daughter, Joyce Ann.

Mr. and Mrs. R. H. Walls, (mass spectrometry department), daughter, Shelley Ann.

THE WINGFOOT CLAN

GOODYEAR ATOMIC CORPORATION
A DIVISION OF THE GOODYEAR TIRE & RUBBER COMPANY
ATTENTION: WORTHY ADVISOR, 100 BLDG., PIKETON, OHIO 45656

Published semi-monthly in the interest of employees of the Goodyear Atomic Corporation.

Publication Office ...
Community Relations Department,
Industrial Relations Division,
X-100 Bldg.,
Box 628,
Piketon, Ohio

Telephone Waverly 947-2171
Editor F. D. Hyland

Member - Association of Nuclear Editors
and affiliated with the International Council
of Industrial Editors.



ARCHERY WINNERS — Sam Cooley (left), Data Processing, and Bruce Lindsay, Process Area 1, were Men's Division first-place winners in the Archery Playday held at the Forrest Hills Archery Club. Forty archers participated in the invitational shoot.

At Forrest Hills

GAT Summer Archery League Conducting Weekly Shoots

The GAT Summer Archery League began June 6. A total of 15 weekly shoots will be held until September 19, 1963. Bill Harbert is the league secretary.

The league schedule will be played in halves. The winner of each half will play for the league championship.

The following are the teams and roster:

Team No. 1: Bert Gossage, Captain; Bill Harbert, Martha Harbert, Debbie Bradley.

Team No. 2: Bruce Lindsay, Captain; Charlotte Lindsay, Bill Pinkerton, Cathy Pinkerton.

Team No. 3: Jack Blaine, Captain;

Sam Cooley, Al Shifflett, Seroba Shifflett.

Team No. 4: John Carnes, Captain; Jim Surack, Mary Surack, Robert Shifflett.

Substitutes include Ed Damron, Ruth Damron, and Don Rice.

On Memorial Day, approximately 40 archers participated in a playday. The Forrest Hills Archery Club, the host club, invited archers from surrounding clubs.

Two GAT employes won first place in the men's division. Sam Cooley, data processing department, won first place in the men's "free style" with a score of 464. Bruce Lindsay, process area 1, was first place winner in the "instructive" class. He had a total of 356 points.

Member Of Senior Girl Scout Committee

Becky

Prickett



Becky Prickett, daughter of D. E. Prickett, standard practice department, has been selected to serve on the Senior Girl Scout Committee for the 1963 Ohio State Fair. She is one of 10 Senior Girl Scouts selected from throughout Ohio.

As a representative from the Seal of Ohio Council, Girl Scouts of the U.S.A., Becky was selected on the basis of her Girl Scout interest, personality, and industriousness.

As a member of the Senior Girl Scout Committee, she becomes eligible for selection as the Girl Scout member of the Junior Division Board of the Ohio State Fair. After serving as the Junior member for one year, the girl who is selected automatically becomes Senior representative for one year.

Dobbins Selected For All-Ohio Band



Jerry

Dobbins

Jerry Dobbins, son of J. H. Dobbins, utilities maintenance department, will be a member of the All-Ohio Boys' Band this year. As a member of the band, he will participate with 300 other boys from Ohio who meet in Columbus August 19-31.

Jerry, who plays the tenor saxophone, will be a junior at Valley High School next year.

The All-Ohio Boys' Band is one of the daily features at the annual Ohio State Fair.

GAT Golf Program

The GAT Golf Committee has tentatively scheduled four company-wide golf activities for the coming season:

Intercity Tournament — August 10 — Jackson Fairgreens or Chillicothe JC

First Round Flight Championship Tournament — September 7 — Waverly Skyline

Company Playday and Flight Championships — September 21 — Portsmouth Elks

Mixed Best Ball Tournament — October 12 — Waverly Skyline

Playdays during the season will be held by leagues in each area. Balls will be furnished by the recreation department.

This year the GAT Golf Committee consists of Bob Holland and Merrill Oakley (Waverly), Mike Stoops (Portsmouth), and Don Landstrom (Chillicothe).

MALE GOLFERS - Now Hear This!

To be eligible for the 1963 flight championship tournament, six nine-hole scores must be recorded and on file with the league secretary.

Any employe not affiliated with a league must submit attested score cards to the recreation department.

All qualifying scores must be recorded by August 23, 1963.

Charlotte Webb Wins Last Safety Message Contest



Charlotte Webb

Thirty-five slogans and nine messages were considered for the June Safety Slogan and Safety Message Contest.

The winning slogan for June was presented by W. S. Fleshman, chemical operations department.

His winning slogan is:

"A LITTLE THINKING CAN STOP A BIG ACCIDENT"



W. S. Fleshman

The winning message was presented by Charlotte Webb, industrial relations division.

The following is Miss Webb's winning message:

"DO WHAT YOU CAN, WITH WHAT YOU HAVE, WHERE YOU ARE.

DO WHAT YOU CAN — stimulating interest in safety, encouraging safe practices, and developing safe working habits.

WITH WHAT YOU HAVE — acceptance of your responsibility in helping prevent accidents by strict adherence to rules and regulations.

WHERE YOU ARE — here, or wherever you may be."

The Safety Message Contest has been replaced by the new Safety Poster Caption Contest. The first "Give Me a Caption" poster is currently displayed on all bulletin boards. July 1, the winning Caption will be posted.

The safety department reports that employe response to the new contest is excellent. To date over 80 entries have been submitted. Why not take another look at the poster? You may be a winner. There's no limit to the number of entries to be submitted.

Entry blanks are available at the following locations: X-100 lobby; portals 108A and 108B, parking lot portals A, B, & C; and the safety slogan box located in the X-720 building adjacent to the safety stores counter.

KEEP ALERT! DON'T GET HURT!

Return Requested

Goodyear Atomic Corporation
P. O. Box 628
Piketon, Ohio

BULK RATE
U. S. Postage
PAID
PIKETON, OHIO
Permit No. 11

Classifieds

FOR SALE

Baby Bed, used one week for visiting accommodation. Unmarked and unsoiled. Packed in original container. \$20. Telephone Waverly 947-4919.

1950 Willys Jeep Station Wagon, 2-wheel drive and overdrive, 4 cylinder. Good condition. Telephone Portsmouth BL 9-2958.

Following the end of the war on V.J. Day, cancellations of government contracts with Goodyear amounted to \$432,440,000.

Directional Sensor For Gamma Fields

(Continued from page 1)

The positioning of the lead slug, between the source of gamma radiation and the probe, gives a minimum reading on the instrument dial. This reading indicates the direction of the gamma source relative to an arbitrary set of coordinates. The direction of the source is determined from several different locations. By plotting the direction of radiation, on a layout of the area, one can determine the source of gamma radiation.

Preliminary tests with an unshielded 3.7-curie, cobalt-60 source at Goodyear Atomic were encouraging.

Additional tests with a 59-curie cobalt-60 source were conducted at the Oak Ridge Gaseous Diffusion Plant (ORGDP). The tests were conducted at two typical locations within a process building. The series of tests at the ORGDP, using the larger source, was considered necessary to establish test conditions typical of surroundings that might be associated with an accidental critical excursion.

Following the successful testing of the instrument, the new device was demonstrated to the EPS, who, in turn, authorized a budget for the purchase of additional instruments.