

SANDIA BULLETIN

Vol. IV, No. 25

SANDIA CORPORATION, ALBUQUERQUE, N. M.

DEC. 5, 1952



CHRISTMAS SEALS—Everybody buys them and here Joann Marksbury, 3154, uses them on her Christmas cards. In using these seals Joann has joined in the nation-wide fight against tuberculosis.

When You Buy Your Christmas Seals You Join in The Fight Against TB

One of the earliest harbingers of the Yuletide season is the annual sale of Tuberculosis Christmas Seals beginning in mid-November. Already thousands of Albuquerqueans have received letters containing sheets of the colored stamps. And thousands of our residents have sent back their money and are placing the stickers on their Christmas letters and packages.

Tuberculosis seals have been with us so long that many persons have come to regard them as virtually indispensable for their Christmas card envelopes and Yule packages. But, more important than the mere evidence of Christmas spirit, is the realization that income from the sale of these stickers helps finance a year's program of vitally needed measures for the prevention and control of tuberculosis.

These measures include low-cost chest X-ray services, rehabilitation and advisory services for the sick, social and medical research, public education and information. The services are provided by the local tuberculosis association, assisted by the national organization when necessary. More than half of the money from the sale of seals stays right here in Bernalillo County.

Tuberculosis is an urgent and vital problem of the people in Albuquerque and New Mexico. When you buy Christmas seals you show you are joining in the fight against TB.

Red Cross Blood Unit to Be on Base Wednesday

Sandia Corporation employees will again give blood to the Red Cross mobile blood bank team when it comes to Sandia Base Dec. 10. Application forms for donors have been returned to Employee Services and Public Relations Department which is scheduling the donors for their appointments.

R. A. Knudson, 3125, who is handling the scheduling, says that appointments have been made so that employees may be back at work in about an hour. The mobile blood unit will be in the gymnasium of the Base elementary school.

At the time the BULLETIN went to press approximately 475 employees had volunteered to give a pint of blood. If time does not permit scheduling all the volunteers, those who are not called will be given preference the next time the Mobile Blood Unit visits Sandia Base.

Ex-Bell Lab Official Visits Sandia Corp. As A E C Advisor

Dr. Oliver E. Buckley, a member of the General Advisory Committee to the Atomic Energy Commission, visited Sandia Laboratory recently in connection with duties of his office. Dr. Buckley is a former President of Bell Telephone Laboratories and recently retired as Chairman of the Board of Directors.

A veteran of long service with the Bell System, Dr. Buckley joined Western Electric Company in 1914. In 1925 he transferred to Bell Laboratories and served as assistant director of research from 1927 to 1933. From 1933 to 1936 he was director of research. In 1936 he became executive vice-president of the Laboratories and four years later was named President. In 1951 he became Chairman of the Bell Laboratories Board of Directors.

In World War I he was a Major in the Signal Corps in charge of the research section of the Division of Research and Inspection in Paris. During World War II he served on the National Defense Research Committee and was Chairman of the Advanced Science Committee of the Office of Defense Mobilization.

ISA Members to Meet December 11

Leo Gross, chief systems engineer of Polarad Electronic Corporation, N.Y.C., will speak on "Spectrum Analysis Techniques" before the Instrument Society of America on Thursday, Dec. 11.

The meeting will be held at 7:30 p.m., room 102, Mitchell Hall, University of New Mexico.

These Folks Plan Christmas Giving Far in Advance

The Spirit of Christmas has seized Section 2464-2. This year, instead of an exchange of gifts among personnel of the section, they will prepare gifts for some needy family in Albuquerque.

Folks in the section have contacted the Department of Public Welfare and are working through that organization in this worthy Holiday project.

J. R. Townsend Named Superintendent Of Newly Formed Organization 1600

J. R. Townsend, nationally known materials expert joined Sandia Corporation as Director of Materials and Standards Engineering, effective December 1. To permit acceptance of this appointment he has been granted a leave of absence from the Bell Telephone Laboratories where he was Director of Materials Applications Engineering.

Since January of this year Mr. Townsend has been a consultant on

Polytechnic Institute. He has been with the Bell System more than 30 years and has been concerned with materials problems since he started testing telephone apparatus in the early '20s. He has been active in the initiation and promotion of Bell Laboratories material testing laboratory as well as its X-ray, optical, welding, plastics, and metallurgical laboratories. He was appointed Director of Materials Applications Engineering early in 1952.

In World War I, Mr. Townsend served in the mathematics and dynamics section of the Army Ordnance Department at the proving grounds both at Aberdeen, Maryland, and Sandy Hook, New Jersey. During the second World War he served in various consultant capacities with such agencies as the Office of Scientific Research and Development, the National Defense Research Committee, the War Production Board, the Manhattan Engineers Project, the U. S. Army Ordnance Department, and the Technical Industrial Intelligence Committee of the U. S. Army.

Cited by Military

Past President of the American Society for Testing Materials, he is chairman of the Standards Council of the American Standards Association; organized and is a member of the Committee on Materials, Research and Development Board; and a member of the Minerals and Metals Advisory Board of the National Academy of Sciences. During 1952 he organized the American-British-Canadian (A-B-C) Committee on Engineering Standards.

Mr. Townsend is the recipient of the Dudley Medal, A.S.T.M., and a number of awards and citations for his contributions both to the military and civilian field of materials.



J. R. Townsend

materials conservation to the Director of Defense Mobilization. In this capacity he has stressed throughout industry the substitution of less critical for the more critical materials, as well as the more effective use of available materials and the development of new sources of critical materials.

Bell System Veteran

A native of Baltimore, Mr. Townsend is a graduate of Baltimore City College and also attended Brooklyn

Holiday Parties Occupy Much of Coronado Club Calendar This Month

Plans are under way for the biggest, happiest New Year's Eve the Coronado Club has ever had. In anticipation of a terrific attendance, arrangements have been made to assure room for 700—the maximum the Club can comfortably hold. Reservations can be made only at the time of ticket purchase and tickets are now on sale at the Club office.

Dec. 27 Is Deadline

Single members can buy tickets for themselves and one guest only and married members can buy tickets for themselves and their family only, up until December 27. After the 27th, members can buy tickets for other guests until the limit of 700 persons has been reached. Tickets are \$1 per member, \$1.50 per guest. Since the Club will be completely taken over for the New Year's Eve Party only ticket holders will be admitted for that evening.

Just before the New Year, on Sunday the 28th, the Club's famous annual Egg Nog and Cocktail Party will be held. Only single members and one guest and married members and their families are invited. The party starts at 3 p.m. and lasts until 6 p.m. with Al Hamilton's Orchestra providing the music.

Sandians Celebrate

Several of our organizations are celebrating the Christmas season with parties at the Coronado Club. Tonight 1900 will hold their party followed by 2300's celebration tomorrow night. Next Friday, the 12th, 1500 will have a get-together and the next night 5400 will have its turn. On the last Friday before Christmas, the 19th, 5215 has planned its fete.

There will be only one buffet-dance and one bingo night this month. The buffet-dance, with Don Lesman's combo playing, will be held on Sunday the 7th while the bingo games are slated for the 10th.

War Films

Featured at the Men's Night event on the 17th will be exciting Korean War films. Following the movies a Dutch Supper will be served to all who attend.

Duplicate bridge games are also on the calendar with competition scheduled for Dec. 4, 11, and 18.

Soil, Dust Control Project Will Start In Sandia Base Area

The U.S. Engineers have let a contract for \$116,961.21 for a dust and soil erosion project on Sandia Base. The project calls for 73,500 feet of water lines for sprinklers, 1,700 sprinkler heads, 24 acres of Bermuda grass lawn and eight acres of range grass, trees, shrubs, some paving and sidewalks.

The contract was let to the Albuquerque firm of Brown-Olds Plumbing and Heating Corp.

Two Discussions Will Be Presented At ASME Meeting

"Precision Instrument Vibration Problems" and "Investment Casting" are the topics which will be presented at a meeting of the American Society of Mechanical Engineers, Friday, Dec. 17, Room 2, Mechanical Engineering Building, University of New Mexico at 7:30 p.m.

Monte Craig, 5351, will give a discussion of the problems of vibration associated with precision instruments used for aircraft and similar applications. Monte's talk will include the expected vibration environments, vibration resistance of delicate mechanisms, and the methods of vibration isolation.

Speaking on the method and application of investment casting will be Richard Freeman, 1243. He will cover the method, application and limitations of casting by the precision investment method.

All technical people interested are invited to attend.



THIS PORTRAIT of Dr. Enrico Fermi by Leo Ortiz will be exhibited soon after Jan. 1 among work of artists from 2463 at a showing in Old Town. For more about Leo and his study of art see page 3.

SANDIA BULLETIN

Friday, December 5, 1952

Published for the employees of Sandia Corporation, Albuquerque, New Mexico

Editor, Robert S. Gillespie
Assistant Editors, William A. Jenkins, Maxine Ethridge

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Telephone Ext. 25253



Some Giving Can Be Dangerous

The desire to give is a noble trait, but don't carry generosity too far and give away something that isn't yours. Of course we would not consciously do that; no honest person would. However, have we ever thought about how much we have given away without realizing it, and how much of it wasn't ours?

We are talking about information and we're talking about security of that information. What we have learned on our jobs is not unreservedly ours and certainly is not ours to be careless with. It is ours to work with, ours to reason with and ours to keep, but not ours to give away.

The fellow who intentionally betrays his country is a black-hearted scoundrel. He who does it through stupidity and carelessness is to be pitied, but his crime can have the same disastrous effect. In either case it is our nation which suffers. The result would have been no different if Fuchs and his cohorts had carelessly lost the vital A-bomb secrets into Russian hands instead of stealing them and then delivering them to the Russians. Russia would still have the information and Fuchs and the others would probably be serving prison sentences for neglect instead of treachery.

The only difference in these tragedies is that one was caused by a traitor whom we trusted and the other may be caused by loyal Americans — and there are many more of the latter, thus the great danger.

Folks working with classified information have to develop a sort of second nature in security matters. Security has to become a habit, and a strong habit. As we have said before, it is a sort of state of mind. This is not a suggestion or a hint. This is an absolute necessity.

If we cannot properly safeguard the classified information entrusted to us we should not assume that responsibility or the job which goes with it. The safety of our program is much more important than the job of an undependable person.

Deer hunters (with deer) from 2232 included Oscar Berlier, Larry Duran, Matt Bustos and George Cunningham. John Dobias, 2231, got his deer, too.

Thanksgiving holiday visitors to Sandians in 3153 were Connie Stepitis' parents from Fort Collins, Colo., and Mary Alice Duran's brother, Julius, from Santa Fe. Mary Alice will go to Santa Fe tomorrow to attend ceremonies honoring Julius when he receives minor orders in the Santa Fe Cathedral.

Louise Major, 3153, went to Santa Rosa last week where she attended an engagement tea honoring her niece.

Joann Marksburly, 3154, and her husband went to Kilgore, Texas, over the Thanksgiving week end to visit her parents.

A Thanksgiving Day guest of Ann Morrow, 4222, was her brother, Bill, who has returned to the states after spending 3 years on Guam.

Wally Green, 1211, and his family are enjoying a vacation in Redondo Beach, Calif., where they are visiting relatives and friends.

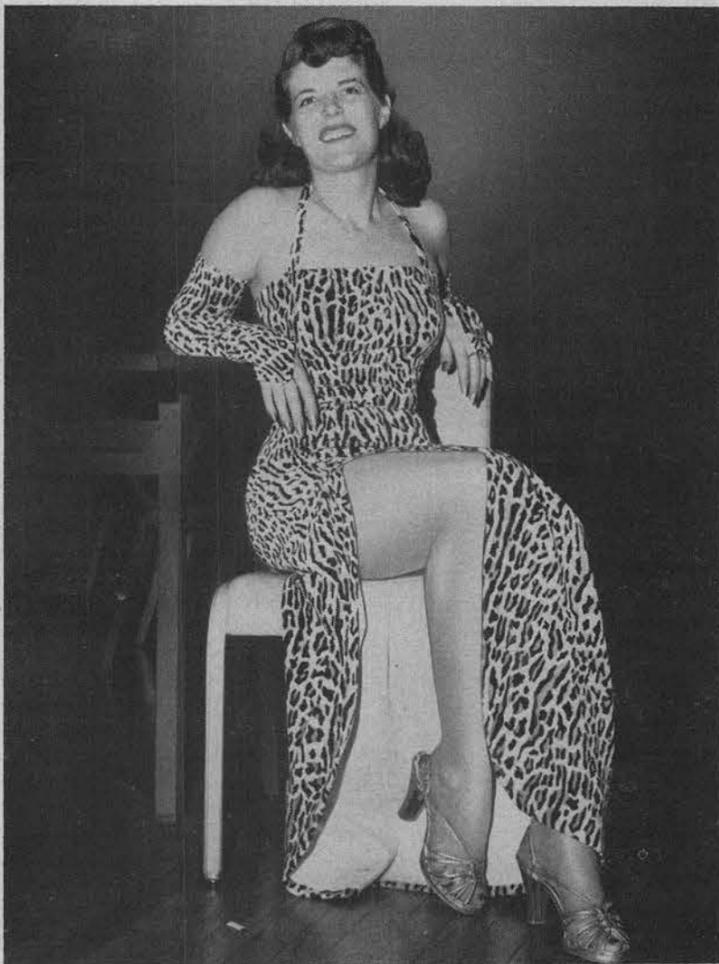
Watching at the finish line of the recent Pan American Road Race in Mexico were Cory McDonald, 1210, Dave Holloway, 5422, and Jack Suttman, 2463. A highlight of the trip was watching the contestants in the open stretches near Chihuahua and Juarez.

Frank Adams, 4152, is another lucky deer hunter. He got his buck in the Animas Range area and it weighed 155 pounds.



A FEW OF THE GUESTS at the Halloween party in San Felipe Lodge at Salton Sea are pictured here. Those present were Steve and Freddy Medley, Ginger, Wayne and Charlene Pickens, Randy McKinney, Jimmy and Dennis Schnarr, Jimmy Cain, Bobby and Sally McNabney, Jack Sprink, Janet Voorhies, Paula J. Wilson, Valerie Young, Lawrence Rootier and Jean Morrison.

AROUND THE DEPARTMENTS



NOT TIGER LIL—But it is Jackie Hynes, 2463, dressed like Lil while attending a recent Coronado Club party.

Roy Tackett, 1221, his wife and daughter, Cathryn, are now living in their new home at 9018 Phoenix St., NE.

Spending the Thanksgiving Holiday and week end in Amarillo, Texas, was J. G. Marchionda, 1223.

Sandians in 1222 are happy to learn that Mrs. F. J. Maloney is reported much improved following a major operation at Presbyterian Hospital.

Philip Leslie, 1812, took a motor trip through Colorado during his recent vacation.

Their fellow workers in 2531 wish a speedy recovery to both Margaret Marcier and Adrienne Goff who recently underwent surgery.

Wayne Davis, 5133, spent the Thanksgiving week end in Wichita, Kans., where he served as best man at the wedding of a niece.

James McMinn, 1911, visited friends and relatives in Carlsbad over a recent week end.

Donald Peacock, 2411-2, recently enjoyed a two-week vacation trip to Chicago where he attended a reception honoring his parents on their Golden Wedding anniversary. More than 500 persons attended the event.

Successful deer hunters in 2413 included Frank Lesperance who bagged a 10-point buck, and Frank Moore who brought back a doe from Colorado. The doe dressed out at 185 pounds. Larry Lesperance and Kenneth Reynolds, both of 2412, each got a deer toward the end of the New Mexico season.

Best wishes for a speedy recovery from her recent tonsillectomy are extended to Mrs. Ronald E. George from Sandians in 2412.

Peggy Henrie, AEC, is a grandmother for the first time. Her daughter, Jackie Henrie Barnes, formerly with AEC, presented an 8 pound 12 ounce baby girl in Hollywood, Calif., last month.

Henry G. Gallegos, 2463, bagged a 4-point buck in the Manzanos in Trigo Canyon. It weighed out at 150 pounds.

John Cooper, 2123, was a happy hunter last month when he bagged his first deer, a beautiful 10-point buck that dressed out at 203 pounds. John's from Missouri and has hunted all of his life, but this was his first deer so he's having the head mounted for his den.

Howard Reece, 2131, and his wife Margaret, 3160, spent the Thanksgiving holidays with their son Teddie who is in military school in Salina, Kansas.

A holiday visit to Norman, Okla., was enjoyed over Thanksgiving by John Noe, 5415, and Theda, 2120, and daughter Sharon.

Tom Halloran, 4232, and his wife Ethel, 3160, went to Belen, N.M., for the Thanksgiving holiday. They visited the Servites Fathers.

Don Tyson, 2234, was called to Blackwell, Okla., last week to be at the bedside of his mother who is seriously ill.

The Wendell Eskridges, 2234, went to Tucson, Arizona, to spend the Thanksgiving holiday week end with their daughter and her family.

When Mel Pliner, 2352, took his recent 2-week vacation he "loafed" and worked as handy-man around his home.

Relaxing at his home in Albuquerque was the way F. P. Fay, 3230, chose to spend a week's vacation.

Lillian McCullar, 3230, and her husband, J. B., 1232, enjoyed the Thanksgiving holidays with Lillian's parents in Ardmore, Okla.

9003 Matthew in Hoffmantown is the address for Truman Daniel, 3233, and his wife, Frances, who moved into the new home recently.

Joe Schauer, 3231 wasn't too happy the way Old Man Weather acted up during deer season, but he says all was not lost for that hunting spree, even though not successful, was good for the waistline.

Holt Gay and Johnny Nakayama, both of 1211, were among the lucky nimrods who bagged their deer last month.

Among new car owners in 2533 is William "Bo" Price with a Plymouth. Bob Masak, 2536, has a new Buick and Lucy Quintana, also 2536, a Plymouth. Glenn D. Wright, 2543, is sporting a 1953 Plymouth and the motor company where he purchased it November 20 told him he had the first of the new models in the city. Marge Garwood, 1812, has a new dark green "MG" and says her dog fits nicely into the back.

William Bateman, 2231, is back on the job after recent surgery. His fellow workers wish him good health and they're happy he has returned.

A Thanksgiving visit with her family in Oklahoma City was enjoyed by Eulita North, 2231.

Philip Dailey, 2236, and his family recently were visited by Philip's father who lives in Pennsylvania.

Virginia Southerland, 2464-1, and her husband, Victor, 2235-1, spent a two-week vacation in Longview, Tex., last month.

Thanksgiving holiday travelers from 2464-1 included Billy Earnest and her husband who visited relatives in Eunice, N.M., Lois Barney, who went to Carlsbad, Amarillo and El Paso and Mabel Harry who participated in a family reunion at Santa Rosa on the holiday.

Honored at 2351's monthly birthday celebration for November were Nelson Weidman, Al Mares, Manuel Aguilar, Joe Rutledge and Jim Miller.

His co-workers in 4133 send their best wishes to Bill Davis who is ill.

Mr. and Mrs. Dave McCoy, 4133, spent their vacation and the Thanksgiving holiday visiting in Crescent, Okla.

A vacation to Oklahoma was enjoyed recently by 4131's LaZona McClintock.

Sarah Kinnes, 4131, went to California on her recent vacation. She took along her pet dogs, and reports it was "quite a trip."

Her co-workers in 4153 welcomed Erma Shumate back to work after a recent hospitalization.

Tom Dunbar, who goes on military leave soon with the Air Force as a Captain, was honored recently by his fellow workers in 4152.

Her co-workers in 2231 recently welcomed back Florence Smythe after a leave because of illness. Florence's son, John, left last week to join the Marine Corps.



JOHN RANSOM, 2232, and his wife visited their grandchildren, John Charles and Nancy Ann, in Arkansas this fall.



VISITOR FROM CHICAGO—C. E. Marhaver, Works Purchasing Agent from the Hawthorne Plant of Western Electric Company in Chicago, recently visited Sandia Corporation. He is pictured here with several Sandians at a luncheon meeting at the Coronado Club, L to R: P. D. Wesson, General Attorney; E. J. Cooney, Superintendent of Accounting and Assistant Secretary; F. B. Smith, Personnel Director and Treasurer; Mr. Marhaver; W. F. Dietrich, Purchasing Agent; H. W. Sharp, Superintendent of Personnel and Public Relations and Assistant Treasurer; and J. A. Dempsey, Secretary and Comptroller.

It's school time —

This Artist Studies

— And the faculty's
The best there is

(Picture on Page One)

Technical illustrator Leo Ortiz, 2463, is taking special instruction from the country's leading artists. He is enrolled in the "Famous Artists Advanced Program"—a finishing course for accomplished students in the magazine cover and story illustration field.

The renowned faculty of the program includes these great names: Norman Rockwell, Al Parker, Ben Stahl, Robert Fawcett, Jon Whitcomb, Stevan Dohanos, Harold Von Schmidt, Peter Helck, Austin Briggs, Fred Ludekens, Albert Dorne. The series of lessons was inaugurated only a few years ago by these successful artists. They believed that the lessons could telescope into a concentrated effort the knowledge gained by many years of trial and error.

Criticism Helps

Leo was accepted into the advanced correspondence course after he submitted samples of his work. Previously he had studied at the Frank Wiggins Commercial Art School in Los Angeles and had trained with various artists in studios at Santa Fe, his former home. That his illustrations were considered worthy of the "polishing-off" treatment under the above roster was an honor in itself. Leo believes the sincere criticism and helpful aids from his instructors will go far in advancing him toward his goal.

With the feeling of a true artist Leo likes nothing better than to paint in his spare hours. And he isn't partial to any particular subject. Landscape or portrait, what-

ever appeals to the fancy of the artist, Leo enjoys. One of his fine oil portraits was taken from a photograph of the noted physicist Enrico Fermi with a fill-in on coloring and features from acquaintances of the subject. Although Leo has never met Dr. Fermi personally, he had a fleeting glimpse of the great scientist one day and recognized him instantly because of memorizing his features when he'd worked on the portrait.

In Art Exhibit

Leo's fine painting of Dr. Fermi will go on exhibit at La Hacienda in Old Town from January 11 through March 1 when he joins the Sandia artists in 2463 in displaying recent work.

When Leo was in the army during World War II he spent 3 years in the European theater. He regrets he did not remain in Europe to further his art study, but hopes his present schooling will compensate for that.

He has sketched and painted since he was a boy in school in Santa Fe, and he is determined to continue his way up to the higher echelon of national artists. His skill in drawing was recognized early. In a biology project in high school, one of the assignments was to sketch a frog. Leo did it easily. However, his teacher pointedly brought the class to an alert by calling attention to the striking similarity of Leo's sketch and those of five comely classmates. Leo had spread his artistic talent around but the teacher wouldn't buy it.



BIRTHDAY GREETINGS—Mrs. Dorothea Sprink, right, wife of T. A. Sprink, 2480, was honored at a party at the home of Frances Voorhies, Salton Sea Base nurse, recently. Those present were: Zilah Wilson, Gail Schnarr, Mildred Rootier, Sharon Sayles, Janette Young, Rose Lee, Molly Rootier, Helen Guess, Abbie Omlin, Alice Bump, Ann Kingsworthy, and Rosemary Bashaw.

Transistors Make Possible TV Set Quarter Usual Size

The following article will be of interest to Sandians who read of the transistor and its almost miraculous qualities in the last issue of the BULLETIN. This is a brief condensation of the original story which appeared in the New York Times.

A complete portable television set has been built by engineers using transistors in place of all vacuum tubes except the picture tube. Use of the 37 transistors has made possible successful operation of the set which is about one-fourth the size and weight of a regular TV set.

The set was made by RCA engineers who have reported that even the picture tube may soon give way to a new device patterned after the transistor. With transistors in use, it is predicted, that "tomorrow's video receivers with full complement of transistors and the usual cathode-ray viewing screen might be, when production is stepped up, 'something about half of today's cost.'"

Dr. E. W. Engstrom, vice-president of the RCA Laboratories Division, gave the above information concerning the transistor which was invented in the Bell Telephone Laboratories. Since the transistor was developed in 1948 most of the electronic laboratories in the country have had it under intensive development.

New Employees

A welcome is extended to the following newcomers who joined Sandia Corporation between November 13th and November 25th:

Kenneth A. Sarason	1231
Loran G. Anderson	1231
Harvey G. Nelson	1311
Karl E. Ball	1311
Kenneth R. Edwards	1932
Pauline A. LaForest	2122
Betty J. Kerr	2122
Nemey J. Arellano	2123
Earle B. Anderson	2123
George A. Peel	2123
Lewis W. Carl	2123
Ernest Shaw	2124
Merle W. Alexander	2124
Francis A. Newman	2125
Elmer G. Goepfert	2126
Carla D. Cooper	2141
Richard C. Moulton	2141
Dorothy Harrington	2231
M. Elizabeth Davis	2231
Edith A. Worley	2231
Richard M. Sanchez	2332
Clay B. Knock	2423
Harvey A. Ligon	2423
Paula J. Smythe	2461
Mary D. Bledsoe	2461
Charlotte Y. Humphris	2461
Delois D. Beggs	2461
Hildegard E. Fink	2461
Frances W. Berry	2464
Harry M. Trunnell	2481
Patricia F. Laverty	2521
Mary M. Salsbury	2533
Jacqueline L. Simpson	2533
Virginia J. Nobles	2535
Vernon T. Mikleboost	2542
June D. Halpert	2545
Helen M. Baker	3125
Bradford H. Prince	3151
Joseph R. Garcia	3154
Mauvine A. Sheldon	4133
Hazel L. Boyden	4135
Dorothy I. Cohen	4222
Carol J. Heuvelman	4222
John J. Simpson	4222
Barbara M. Gross	4222
Betty L. Hall	4222
Helen L. Smith	4222
Essie P. Wright	4222
Bernard A. Sandberg	5242
John L. Lundgren	5313
Russell L. Maxwell	5313
Neith J. Pollard	5413

Thank You

Mr. and Mrs. C. L. Justice wish to thank all of the many friends of Bob Justice for their expressions of sympathy at his death Nov. 25.

Life Insurance Quiz

Do You Know—

Whether any of your life insurance will have to go through probate court?

Whether, after you die, your widow's creditors can attach the proceeds of your policy?

Whether your life insurance premiums will be paid for you if you are permanently disabled?

That your children may inherit unequally or be disinherited unless your beneficiaries are rightly designated?

How much income your present insurance will give you at the age of 60 or 65?

That you probably can save as much as 7 per cent by changing the method of paying your premiums?

Some insurance companies will accept advance deposits or dividends and pay you over 3 per cent compound interest thereon?

How life insurance correlates with your Social Security?

Believing "he profits most who sews best," your Insurance Counselor is equipped to answer any of the above questions for you.

The Insurance Counselor is located in Employee Services and Public Relations Department, Bldg. T-301. Telephone extension 29261 for an appointment.

PROMOTIONS

CHARLES W. BURRELL to division supervisor of 5311. Charles' first job after earning his B.S. in electrical engineering at the University of Colorado was as a junior electric distribution engineer with the Public Service Co. of Colorado. After a year he joined the Mountain States Tel. & Tel. Company and 12 months later he went into the Navy where he served for four years. Upon discharge he returned to the telephone company as a communications power engineer. In 1951, after six months there, he came to Sandia.



ALAN N. AYERS to department manager of 5340. Alan came to the Laboratory in 1947 after four years at Los Alamos where he was involved in research and development phases of highly classified projects. Before he went to Los Alamos Alan was employed by General Electric Corp. at Schenectady, N.Y., where he worked in the aeronautics department and consulting engineering laboratory for four years. In addition to a B.S. degree in mechanical engineering from Kansas University he has done graduate work in engineering fields.



ALLEN D. WOOTEN to division supervisor of 5342. Allen joined us in 1951 after two years as professor of electrical engineering at the University of New Mexico. His background also includes an M.S. in engineering, B.S. degrees in electrical engineering and radio engineering, four years in the Army, a year as a radio operator, four years as a salesman, eight years as a refrigeration engineer, and four years as an apprentice tool maker.



JOSEPH I. HEGGE to department manager of 5350. Joe joined the Corporation in 1949. Prior to coming here he was employed for seven years by the Wright Aeronautical Corporation in New Jersey. While there he was engaged in research and development engineering on B-29 engines and gas turbine and turbo prop engines for future development. Joe went to Wright Aeronautical Corp. following his graduation from the University of North Dakota where he earned his B.S. in mechanical engineering.



MONTE L. CRAIG to division supervisor of 5351. Monte started work here at the Laboratory in 1950. Prior to joining us he graduated from the University of Colorado where he received his B.S. degree in mechanical engineering. Prior to enrolling at the University of Colorado Monte studied mathematics and engineering at Amarillo Junior College.



ROBERT A. KNAPP to department manager of 1730. Bob came to the Laboratory in 1946 after three years as field engineer and technical liaison representative with North American Aircraft Corp. Earlier Bob spent three years with the New Mexico State Department of Vocational Education specializing in adult and juvenile auto mechanics courses. For four years prior to that he was associated in business with his uncle. Bob studied mechanical engineering at General Motors Institute of Technology and accounting and business administration at Detroit Commercial College.



ROBERT P. STROMBERG to section supervisor of 5352-2. Bob's education at the University of Minnesota was interrupted after six months when he joined the Air Force in 1944 and served two years as a B-29 navigator. After discharge Bob went back to the University of Minnesota where he graduated in 1949 with a Bachelor of Physics degree in engineering physics. He continued his studies in physics at the University graduate school for a year prior to joining us in 1950.



CHARLES F. BILD to division supervisor of 5341. Charles has an M.S. in metallurgy from Lehigh University and a B.S. in mechanical engineering from the University of Virginia. Prior to joining us in 1951 he spent five years working on projectile fusing design at the Naval Ordnance Laboratory, Silver Spring, Md. He was in the Navy for three years and before that worked another three years at the Naval Ordnance Laboratory.



It was a great news story
And it came to you quickly

The Big Count

The inauguration on January 20, which will make General Dwight D. Eisenhower the 34th President of the United States, will be the final chapter in a dramatic story. The story began last summer at the political conventions in Chicago, continued through the hard-fought campaign in the fall and reached its climax on election day.

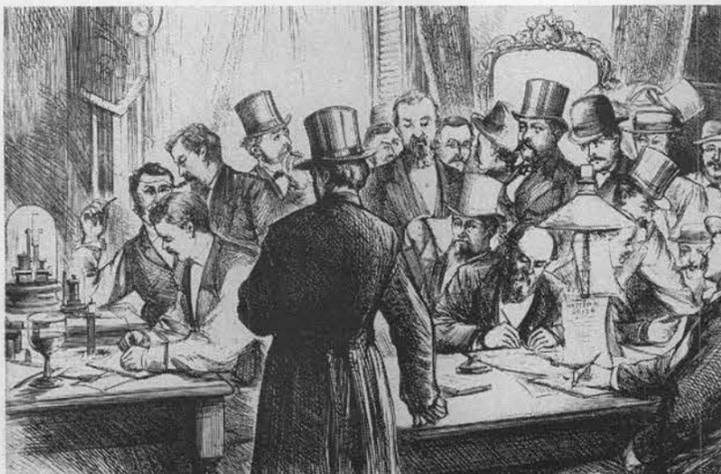
The big effort was not over on election day. On Nov. 4 thousands of people went to work to bring you the news of the election. Their efforts make up another story—the story of The Big Count.

Thousands of telephone, newspaper, wire service, press association, radio and other people worked election night to bring you the results—and by midnight you knew who was to be the next president. It wasn't always like this. Before the days of radio, telephone and

telegraph had to carry the story. Before the days of telephone the telegraph had it to do. And before telegraph messages were carried by courier.

But on Nov. 4, 1952, the people were assisted by such equipment as 7,500 teletypewriter stations, thousands of switchboards, 30,000 miles of Bell System intercity television channels, 110 television stations in 67 cities and 2,800 miles of extra network TV temporarily added for election service. All this was in addition to the regular commercial communications systems of the country.

There were election workers, reporters, commentators, newscasters, and their volunteer helpers—probably millions of them. They all helped bring you the tale of the general election of 1952 while it was happening—while it was news.



IT WASN'T ALWAYS FAST—In the Hays-Tilden presidential race of 1871, as shown in this old etching, telegraph operators sent the news.



AN 1888 INNOVATION—Election news hungry spectators in Madison Square, New York City, saw lantern slides thrown on a screen atop buildings bring them the results.



1952 ELECTION RETURNS—After the polls closed the count began and tabulating centers received a flow of results via telephone and teletype. Here's state political headquarters in Indianapolis.

News In The Field of Atomic Energy

Dr. Kenneth H. Kingdon, technical manager of the Knolls Atomic Power Laboratory, has said that \$130,000,000 worth of radium, twice the world's present supply, would be necessary to equal the rays from two and one-half pounds of radioactive cobalt recently acquired at the laboratory. The materials will be used to study the effects of radiation materials which are to be used in connection with building a prototype submarine atomic power plant. (Christian Science Monitor)

The advantages of using radioactive isotopes in cancer research have been noted by Dr. Walter C. Alvarez of Minneapolis. He points out that although treatment of leukemia with radioactive phosphorus has not been as successful as had been hoped, almost a hundred radioactive drugs have been made that might prove to be the "cure." (Minneapolis Star)

Selected Navy officers and men have been training for several months to man the world's first atomic-powered submarine when it is ready for sea sometime next year or early in 1954, the Navy recently an-

nounced. Selection of the crew for the first nuclear-powered vessel, one officer said, was part of an orderly program the Navy planned before the keel of the atomic-powered Nautilus was laid several months ago at Groton, Conn. (The Bendix News)

The Pentagon high command and the Atomic Energy Commission are disturbed over the evident inability of the United States to keep its military secrets. They blame no individuals. It's just too many people in too many places—in the military, in Congress, in scientific circles, among troops in the Korean war zone and workers at home—talk and write too much. (Associated Press)

A high priority study of the use of atomic electricity in the armed forces was ordered today in an effort to speed application of atom age methods to power as well as to weapons. The study has been set up by Lt. Gen. Lewis A. Pick who said, "the best available scientific and industrial talent" in the country will work on the project. (Albuquerque Journal)



FLOOD OF RETURNS—Radio and television networks found themselves flooded with returns as a result of efficient communications facilities. As fast as the news came in it was reported to the waiting world.



'T WAS HECTIC FOR NEWSMEN—As usual election night was the busiest night of the year. These men, hard at work serving the leased wires, were part of the army at work November 4.



NEXT PRESIDENT! Through the miracle of modern communications it was possible to announce the victor earlier than ever before. Here is "Ike" at his New York Commodore Hotel headquarters.

Sandia Engineer Speaks to IRE

Frank J. Janza, 5414, will speak on "An Open Line Transmissions System at Microwave Frequency," at a meeting of the New Mexico Section of the Institute of Radio Engineers on Friday, Dec. 12. The group will meet at 8 p.m., Room 101, Mitchell Hall, University of New Mexico.

Prior to coming here in 1951 Frank Janza was an electronics engineer with Boeing Aircraft. In addition he taught electronics at the University of Denver for two years. For four years he worked with Glenn L. Martin Co. Frank has both a B.S. and an M.S. in electrical engineering from the University of Denver.

Congratulations!

Born to:

Mr. and Mrs. Max Richter, 1531-2, a son November 18—weight, 8 pounds 11 ounces—name, Keith.

Mr. and Mrs. Dan Held, 4230, a son November 22—weight, 6 pounds, 5 ounces—name, George William Held II.

Mr. and Mrs. John A. Christopher, 2334, a son November 21—weight, 7 pounds, 2 ounces—name Warren McClain.

Mr. and Mrs. Perfecto Garcia, 2352, a son November 21—weight, 5 pounds, 11 ounces—name Ronald.

Mr. and Mrs. Bert Neumon, 2122-2, a daughter November 19—weight, 8 pounds—name Julie.

Mr. and Mrs. Carl Cianciabella, 5214, a daughter—November 3—name Susan Ellen.

Mr. and Mrs. D. A. Mayfield, 2481-1, a daughter November 22—name Deborah Sue.

Mr. and Mrs. James H. Hall, Jr., 2481, a son November 23—name Patrick Davis.

Mr. and Mrs. Dare Kibble, 4133, a son November 22—weight, 9 pounds 4 ounces—name Howard Dare.

Mr. and Mrs. W. E. Taylor, 5133, a daughter November 25—weight, 7 pounds—name Shirley Carol.

Mr. and Mrs. Herbert A. Peterson, AEC, a son November 14—weight, 8 pounds—name John Douglas.

Radioisotopes Will Go to School This Year in New York

Radioisotopes will invade the high school science class rooms in December, according to an announcement by C. Frederick Pertsch, associate superintendent of the high school division in New York. Arrangements for distribution of materials without charge have been completed with the AEC and Dr. Carl R. Braestrup, director of physics services at Delafield Hospital. I-131, radioactive form of element iodine, and P-32, element of phosphorus, will be made available. (N.Y. Times)



"OH, I'M NOT DOING MUCH, ETHEL. THIS IS HENRY'S NIGHT OUT WITH THE BOYS!"

MORE—

AROUND THE DEPARTMENTS

Home vacations were enjoyed last month by **Jerry Gibson**, 3154, and **Martha Levernz**, 3153-2. **Mata Dugger**, 3153-1, spent a week end in Roswell with her sister recently, and **Pearl Giles**, 3151, and her husband, **Cleavord**, 1531, visited his parents in Portales.

Bill Funk, 3151, had as a holiday guest last week his wife's mother from Denver.

Ray Garcia shot a 5-point buck in the Jemez mountains during the recent hunting season.

Another "Albuquerque" vacation was enjoyed last month by **Jim Miller**, 2351, who worked in his yard getting his rose bushes ready for winter.

A. F. "Doc" Cone, 1510, is recovering from a recent illness and is at his office half-days. And it's ditto for **Harlan P. Kelsey**, 1512, until he's fully recovered.

George Holladay, 1521-2, and his wife Catherine spent their Thanksgiving holiday with friends in Los Alamos.

ASTE Entertains Wives at Dinner

The annual Ladies' Night of the American Society of Tool Engineers, Chapter 93, will be held Wednesday, Dec. 10 at the Fez Club in Albuquerque, according to **Herb Anderson**, 1953, public relations committee chairman. Dinner will be served at 7 p.m.

An illustrated lecture, "History of Albuquerque from 1706 to the Present," will be presented by **Morris Kight**, program director of the Old Albuquerque Historical Society. Kight is also chairman of the Board of Directors for the New Mexico Art League and the Arts and Science Museum.

Three Employees Complete Their Military Service

"A fellow never knows how fortunate he is until he's back," reports **Larry Chavez** who has returned to work for the company following 21 months in the Army. Foremost in his mind when he visited the BULLETIN office were his 10 months in Korea, eight of them in the front lines.

Coming back to work around the Thanksgiving season seemed appropriate to **Larry** for his conversation shows him full of thanks and the hope for a bright future. He returned from Korea in June and spent the last months of his enlistment at Camp Carson, Colo.

Earl Holcomb returned to Sandia Corporation November 14 after his release from active duty with the 188th Fighter Squadron. He spent 21 months with the Air National Guard Unit as a first lieutenant and was assigned as a Sabrejet pilot at Long Beach and Travis Air Force Base near San Francisco. Six months of his tour was spent at Sandia Base.

Earl says "Oh, boy, am I glad to be back!" He lives at 5706 Princess Jeanne Ave. NE with his wife and three children. A graduate of the University of New Mexico with a B.S. in electrical engineering, **Earl** now works in 1280. When his National Guard unit was activated he was in 1540.

Back to Sandia after two years in the Army is **John Gerry Boyes**, 2464. **John** first came to work here Nov. 2, 1949. A year later, on Nov. 24, 1950, he was called into the service. He was discharged last Nov. 22.

John spent his time in the Army as a Corporal with an artillery observation battalion at Fort Sill, Okla.

Sympathy

Fay M. Bragg, 2482, a long time employee of the Company at Salton Sea Base, died in his sleep November 22. **Mr. Bragg** had been at Salton Sea since August, 1949. He is survived by a son, **Colin B. Bragg**, of Weott, Calif. Funeral services were held in Palm Springs, Calif. Sandia Corporation employees extend their sympathy to **Mr. Bragg's** son.

Sympathy is extended to **M. M. Gustafson**, 2545, who was called to Chicago at the death of his father November 15.

The Corporation and its employees extend sincere sympathy to **Mr. and Mrs. Clair L. Justice** of Albuquerque, parents of **Robert C. Justice**, 4232, who died November 25 at Veterans Hospital. **Bob** had been employed by Sandia Corporation since August 1950. He had been hospitalized since October 2, 1952.

Sympathy is extended to **Alma Van De Velde**, 1924 (1522), whose father died last month.

MORE

Around the Departments

Denver was the goal for a Thanksgiving holiday for **Kathy Poley** and **Gloria Silva**, both of 4222 (1540).

Welcomed back to 2232 is **Silverio Lujan** who has been hospitalized with an injured foot.

James Brandolino, 2232, and his wife took their recent vacation to visit relatives and go deer hunting. **Jim** returned with a 6-point buck.

outgrown costumes for their theatre's wardrobe; they also plan to install a microphone and loud speaker to acquaint the young thespians with its use.

Betty and **Charles** are finding their hobby is mushrooming and after each production more and more children are wanting to emote. They'll never lack for casting because as **Durante** says, "everyone wants to get into d'act."

Weddings and Engagements

Bertha Bower, 4131, was married November 22 to **Vincent H. Peterson** in the Church of Christ in Las Vegas, Nev. The bride, daughter of **Mrs. Harriet Scarbrough** of Albuquerque, has been with Sandia Corporation about 11 months. Following a brief wedding trip, the couple will make their home in Albuquerque.



Mrs. Peterson Miss Hughes

The announcement was made recently of the engagement of **Eleanor Hughes**, 4131, to **Wallace Willhard** of Laramie, Wyo., the son of **Mr. and Mrs. John Willhard** of that city. **Eleanor**, daughter of **Mr. and Mrs. Paul B. Hughes** of Riverton, Wyo., attended the College of St. Teresa in Minnesota and the University of Wyoming where she was graduated last spring just prior to joining Sandia. The couple plan an early spring ceremony after **Wallace** completes work on his M.A. degree in electrical engineering at the University of Wyoming.

Peggy Walker, 4222 (1812), niece of **Mr. and Mrs. John McNaughton** of Albuquerque, and **Harold D. Porterfield** were married November 7 in a ceremony at First Baptist Church. They took a honeymoon trip to Mexico and returned to establish residence at 2410 Silver Ave. SE. **Peggy** is a graduate of Highland High School and she has been employed by Sandia Corporation since last August. She was honored by members of her department at a coffee prior to her marriage.



Mrs. Porterfield Miss Jones

December 13 is the wedding date chosen by **Jean Jones**, 2532-7, and **Jack W. Choate**, son of **Mr. and Mrs. Tom Choate** of Olympia, Wash. The ceremony will be in First Baptist Church. **Jean**, daughter of **Mr. and Mrs. J. L. Jones** of this city, has been with Sandia Corporation for a year. **S/Sgt. Choate** has completed a tour of overseas duty with the Air Force and will receive his discharge in California this month. After a honeymoon trip the couple will be at home in Albuquerque.

Edith B. Perry, 2464-1, daughter of **Mr. and Mrs. B. F. Perry** of Akron, O., and **Bill Stamm**, 2442, were married November 26 at 7 p.m. in the home of her brother-in-law and sister, **Mr. and Mrs. Robert Emmett Clark** of Albuquerque. **Edith**, who has been with the Corporation since June, 1951, received her B.A. degree from Akron University and her M.A. degree from the University of New Mexico. **Bill** is the son of **Mr. and Mrs. Roy Stamm** of Albuquerque. He attended New Mexico Military Institute and the University of New Mexico. The couple is now at home at 416 Harvard Ave. SE.

Illini to Meet Monday Evening

University of Illinois Albuquerque Alumni Club will meet at the Hospitality Room of the Southern Union Gas Company Monday night, Dec. 8, at 7:30. **Ray Delicath**, publicity chairman for the group, reports that films of the Illinois-Michigan football game will be shown and a club constitution will be presented at a short business meeting. All Albuquerque Illini are invited to attend.

A packed house of 45 saw the most recent stage production of the Runyan players

THE LITTLEST THEATRE

—made possible through the help of two grown-ups who love children



WHEN BETTY RUNYAN OFFERED to help the neighborhood children with their play-acting she found an absorbing hobby. Here Betty checks the costuming for **Toni Thomas**, the witch, and **Pamela Melloy**, the cat, featured players in a Hallowe'en production presented in Runyans' recreation room.



TWO OF THE SPECIALTY actors and the master of ceremonies are pictured here with **Charlie Runyan**, prop man and jack-of-all-trades for the theatre-minded youngsters in his neighborhood. His daughter **Janice Runyan** is the pert ballet dancer and **Steven Bice**, son of **Richard Bice**, 1260, is the "well dressed man." Calling for you-know-who in the foreground is three-year-old **Stevie Melloy**.

The players ranged in age from 3 to 13 and the house was packed at the fourth production of one of Albuquerque's littlest of the little theatre groups. In Broadway parlance the place was "SRO"—standing room only.

At the home of **Betty** and **Charles Runyan**, 5711 Gilmer Place NE, the extravaganza opened to a first-nighter audience of parents, neighbors and classmates. There was the real "feel" of the theatre in the Runyans' recreation room. Tickets were presented, ushers ushered, then came the tense moment before the curtain was drawn. When it was over, applause raised the rafters.

The occasion was presentation of "In the Witch's House," a Hallowe'en drama. This was the largest production attempted by the players who live in the Runyan neighborhood and who look to **Betty** and **Charles** for assistance. Holidays seem to inspire the children to prepare a play and it is then they come to the Runyans for "backing."

Looked for Hobby

Helping the children with their little theatre is now an absorbing project for **Betty Runyan**. About a year ago she was casting about for a hobby which could be enjoyed by the mother of two active youngsters with a home to maintain. The hobby came to **Betty**.

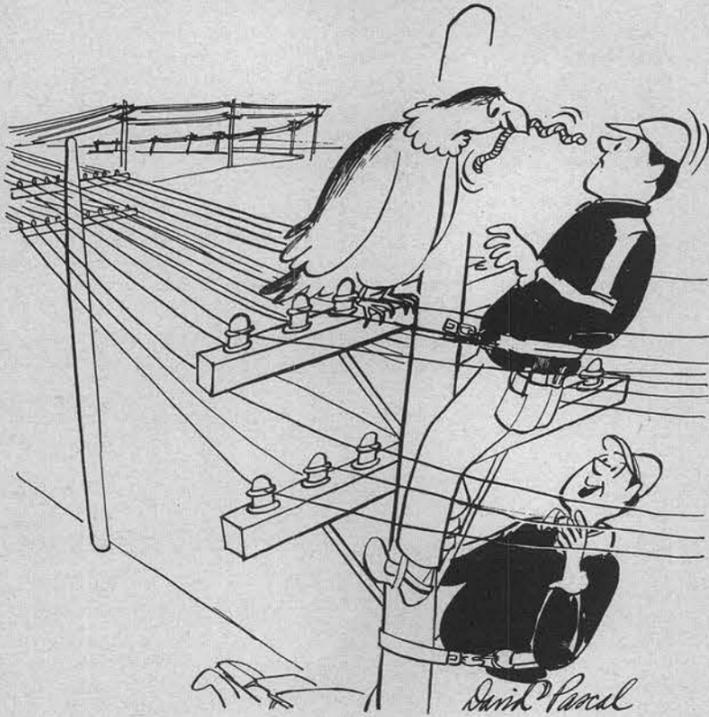
Several children, including her own, decided to whip up a play. It was staged in a neighboring garage and when it was finished the fever lingered on. The children wanted bigger and better shows. **Betty** and **Charles**, who is department manager of 1220, decided to turn over part of their large recreation room to the arts. **Charles** set up a curtain and stage and acted as prop man while **Betty** devoted herself to scouting the library for short plays that would interest children. She assisted in rehearsals and with the aid of several mothers prepared costumes for the shows. More talent streamed in and soon there were numerous between-the-acts specialty numbers to costume also.

When Mother's Day loomed on the calendar the children in **Betty's** little company wrote an appropriate play themselves, staging it in the newly decorated rumpus room. Chairs were borrowed from the neighbors and tickets were made with a lettering set.

Kids Take Initiative

Enthusiasm has expanded in the neighborhood and now the customers are looking forward to the next presentation on the Runyan boards. **Betty** and **Charles** don't know what it will be, or when, because they leave that up to the children, feeling that adult "push" may deter rather than promote interest.

Betty's best and only compensation for her efforts with the children's theatre is the fun the youngsters themselves have in producing shows. That, coupled with an awareness that play-acting is making them more assured and providing a healthy outlet for youthful energy. The Runyans hope to accumulate



"I THINK SHE'S GOT A CRUSH ON YOU, JOE!"

Classified

Classified advertising is printed in the Sandia Bulletin as a service to Sandia Corporation employees and employees of the AEC on Sandia Base. There is no charge for publishing the advertisements. They must be submitted in writing and contain the name and base telephone extension of the advertiser. Each advertisement will be run one issue. Deadline: Friday noon, one week prior to date of publication.

FOR SALE—

7-ft. skis with bindings and poles, never used, \$20. Size 9 ski boots, \$10. Goodman, ext. 2-7158 or Alb. 5-0675.

Utility trailer, 2-wheel, stake body, 8' x 4' bed, ball hitch included, \$75 takes both. Grosvenor, ext. 2-5160 or see at 1832 Dakota, NE.

44" Delta Wood Turning Lathe with Motor and Attachments; also stand and tool cabinet—all for \$75. Moon, ext. 31161, or see at 2516 General Arnold, NE (Hoffmantown).

For only \$60, a console 10" TV set, Reimholz, ext. 5287.

3-bedroom house, 1 1/2 baths, trees and lawn, \$9300. Good terms. Brickner, 8915 Phoenix Ave., NE (Hoffmantown), Ext. 22242.

Vanity with Bench, Chest of Drawers, \$25, Ricker Alb. 5-1895.

8-cu. ft. Frigidaire. Reasonable price. Huenefeld, Alb. 6-1477.

Child's 3-pc. red storm coat and slacks set with hat. Will fit either boy or girl, very warm, size 5. Also child's new corduroy skirt, Mueller, Alb. 6-2437 or 637 Madeira Dr., SE.

GE electric blanket (new), double size, single control, rose color, original price \$59.95—best offer over \$40. Sylvanus, Alb. 6-2667 eves.

Book of Knowledge with 4 annuals, starting with 1949, \$40, Liguori, Alb. 6-3613 or ext. 22252.

Pair of unused tire chains, will fit 6:70 x 15, 6:50 x 15, or 6:10 x 15 tires, Scholtes, ext. 27153.

Whizzer Motor Bike, \$100. Also used Holton cornet and case, \$50, Felter, ext. 31263 or Alb. 5-6109.

Formal dinner dress, powder blue, size 12, \$5, Moulder, ext. 33236.

35-HP Crawler tractor. Sons, Alb. 7-9073.

4-power telescope for gun, Baca, Alb. 2-5955.

Or Trade: 1950 Studebaker Champion Regal Deluxe 4-door, plenty of extras. Lister, 110 Dallas, SE (no phone).

Storkline baby buggy, converts to stroller, \$15; blue hunting, all wool, satin carriage robe and pillow, carriage pad, taffeta comforter, snuggly ducky and other baby items, all for \$10. Boy's top coat, size 8, \$8; rubber snow boots, size 5 1/2, \$2; 2 pair of dress rubbers, almost new, size 4 1/2, 75 cents each pair; car seat for baby, \$1. Isselhard, 636 Madeira Dr., SE, Alb. 5-6431.

1947 Chevrolet, Stylemaster, 2-door Sedan, R and H and good seat covers. Poulsen, ext. 2-2257 or Alb. 4-5742.

New set of Encyclopedia Americana, still in original shipping cartons, \$289 value for \$250. Martin, Alb. 5-8030 for details.

Electric roaster-oven, hinged lid, browning control, \$22.50. Sofa and chair, battered but clean, good slipcovers, \$20. Better wing-chair, slipcover, \$12.50. Philco AC-DC portable w/batteries, \$17.50. Formica-chrome dinette, red, \$50. LeCompte, ext. 3-7227 or Alb. 5-3261.

White Sonia Heine skates, size 7, \$7.50; 2 Artipak sleeping bags, both for \$17.50; Olympic radio and phonograph combination, needs repair, \$20; Steam-o-mat electric iron, \$12. Shinn, ext. 3-1166, 3225-34th St., Sandia Base.

1937 Chevrolet 4-door sedan, \$150; 1 HP lawn mower motor, \$15. Moery, 1933 Vermont, NE (Inez) Alb. 6-1244.

Hooded baby buggy and pad, \$6. Gragg, ext. 5248 or Alb. 3-5827.

Ceramic Kiln, 16"x16" Dickson Model 25, 25 amp, 230 volt, \$60, Garring, ext. 33251.

45-RPM record player, less than year old. Make offer. Evans, Alb. 2-9056.

Smith-Corona (Silent) typewriter portable, \$50; Lady's Persian Lamb fur coat, size 14, \$20; Oriental rug, \$35. Smitha, 8607 Menaul Blvd., NE, ext. 3-2126.

New R. C. A. Victor personal portable radio, \$25; custom made unfinished solid mahogany 3-piece bedroom set consisting of Mr. and Mrs. chest with raised top drawers, dressing table with shelf rack and light, and Hollywood headboard, \$90. Tendall, ext. 2-3195.

ARC-5 transmitter of V. F. O. 50 watts or 40 meter C. W. band, \$30 including nice power supply. Also miscellaneous transformers and parts cheap. Nepple, ext. 6260 or Alb. 5-9341 after 5.

Leica F2:0 lens, carrying case, Leitz 5-inch F4:5, telephoto lens, best offer takes. Scharpen ext. 2-6166 or Alb. 2-3296.

1 Klipsch-horn speaker cabinet, \$99.50. Winblad, ext. 3-2255, 7813 Indian School Road.

Montgomery-Ward washing machine with pump, \$35; wooden breakfast table with 3 padded chairs, \$10. Price, ext. 3-1158 or Alb. 6-1032.

James Motorcycle, \$100, Randle, ext. 2-6260 or Alb. 5-0420.

1949 Packard 120, list price \$1245; two-tone blue and grey, electric clutch, overdrive, new tires, R and H, seat covers, 18-21 miles per gallon, Thomas, ext. 7117.

1950 Studebaker Champion, custom 2-door, R and H, overdrive, \$1350, Martinez, ext. 2-6138 or Alb. 2-6175.

GE Television set, \$85 or best offer. Ladies ice skates, size 6, \$5, oil stove, heater cooker combination, \$20. Hunter, ext. 25273 at home, or ext. 25160.

Washing Machine, Maytag, wringer type, \$45. Davies, Alb. 5-3270.

Motorcycle, 1952 Triumph Thunderbird. Must sacrifice. Smith, ext. 24260 or Alb. 5-1338.

15 acres, alfalfa on main ditch, \$550 per acre. 20 miles from Albuquerque in Bosque Farms area, Cary, Rt. 1, box 641, ext. 28258.

Woman's grey gabardine ski pants, size 14, worn only once, \$10, Newman, ext. 4153.

V-8 Ranch Wagon, loaded, \$2,450. Will take older wagon in trade at list if in good shape, Middleditch, ext. 26260.

Airedale puppies, 6 weeks old. AKC registered, 29 champions in pedigree. Good watchdogs, good with children. McNeely, 2511 General Arnold, NE, Alb. 5-4043. (Hoffmantown.)

LOST—

Silver earring in shape of violet near Coronado Club, Abraham, ext. 33269.

Gold plated silver bracelet, leaf design, vicinity personnel buildings and west parking lot, Nason, ext. 6161.

WANTED—

Good home for part Angora calico female cat, Tendall, ext. 23195.

Skis, 7 ft. 3 in., poles, size 11 ski boots. E. W. Peirce, ext. 21252.

Old-fashioned revolving piano stool, Jolly, ext. 4143 or Alb. 3-9737.

RIDE WANTED—

Would like to form car pool or have regular ride from 1216 Stanford Dr., NE, or vicinity to south parking lot. Have one party interested in forming pool. James Stoll, ext. 25254.

400-block Sycamore North, to cast gate. Trudi Euler, ext. 31235.

General Marshall St., Hoffmantown, to east gate parking lot, or convenient to 888, Dorothy Cohen, ext. 23161.

2609 Wisconsin, NE, or vicinity to Adm. bldg. 8-5. Sylvia Weinberg, ext. 5248.

East Central and Spruce to base, Marlene Edelstein, Alb. 2-3170.

Form car pool from Mountain Rd. and N. 8th to south tech area gate daily, 8-5. Ben Padilla, Alb. 2-4756 or ext. 33236.

Form car pool from Sunset Blvd. to south tech gate daily, 8-5. Larry Duran, ext. 33236.

8901 Cottonwood Rd., NE (Aztec addition) to tech area. Mary Ann Lopez, ext. 6241.

Basketball Loop Chooses Big Ten Titles for Teams

Names of Big Ten college teams were chosen for 10 teams entered in the Sandia Employees' Basketball Association. The names were drawn by Secretary Pat Rohde at a recent meeting of the Board of Directors of the Association held on November 20.

The new team names and their managers are: Michigan Wolverines—Bob Christopher, 1540; Iowa Hawkeyes—R. E. Minter, 1530; Purdue Boilermakers—Jim Lang, 1710; Northwestern Wildcats—Tom Kelly, 2542; Ohio State Buckeyes—Charles Garcia, 2417.

Illinois Illini—Sid Halpert, 1300; Michigan State Spartans—Harold Cushman, 2535; Wisconsin Badgers—Leo White, 2122; Minnesota Gophers—Wally Green, 1210; and Indiana Hoosiers—Howard Smyth, 2461.

The Board of Directors, which is made up of managers of the teams in the association, also elected Dick Heim, 3122, as Chairman of the board, and named Jim Schlahta, 3152, as basketball Commissioner who will decide all disputes and protested games.

League play in the Association began on Nov. 17. Three games are played every Monday evening at the Sandia Base gymnasium. Games begin at 6:30, 7:45 and 9:00. Individual player trophies will be given to members of the championship team.

Employee Basketball League Standings

Team	Won	Lost
Boilermakers	2	0
Badgers	2	0
Hawkeyes	1	0
Hoosiers	1	1
Illini	1	1
Wildcats	1	1
Spartans	0	1
Buckeyes	0	2
Wolverines	0	2

Bowling INDIAN LEAGUE

Team	Won	Lost
1. Apache	12 1/2	7 1/2
2. Blackfeet	11	9
3. Hopi	10 1/2	8 1/2
4. Mohawks	10	10
5. Arapahoe	10	10
6. Navajo	10	10
7. Zuni	8	12
8. Potawatomi	8	12

Team and Individual
High team series: Apache, 3121.
High team game: Apache, 1184.
Individual high series: Mason, 709.
Individual high game: Lloyd, 279.

Top 10 Averages
Nendell 194, Whitney 177, Fink 175, Parsons 171, Taylor 168, Horne, Malley 167, Stone 166, Northrup, Sturtevant 165.

JUNGLE LEAGUE

Team	Won	Lost
1. Lobos	28	12
2. Wildcats	27	13
3. Lions	26	14
4. Gophers	24	16
5. Rabbits	18	22
6. Mustangs	15	25
7. Bears	15	25
8. Panthers	7	33

Team and Individual
High team series: Lions, 2582.
High team game: Lions, 911.
Individual high series: Mills, 605.
Individual high game: Mills, 233.

Top 10 Averages
Maxwell 184, Duffield 176, Mills, Davis, Rowe 174, Campbell 170, Cook 168, Findlay, Sweede 165.

LADIES' "JEWELLETTE" LEAGUE

Team	Won	Lost
1. Zircons	23 1/2	6 1/2
2. Emeralds	28	12
3. Onyx	23	17
4. Sapphires	19	21
5. Turquoise	17 1/2	22 1/2
6. Jades	16	24
7. Garnets	12	28
8. Diamonds	11	29

Team and Individual
High team series: Zircons, 2157.
High team game: Zircons, 758.
High individual series: E. Fauerbach, 564.
High individual game: E. Fauerbach, 229.

Top 10 Averages
E. Fauerbach 161; M. Butler 154, J. Sensel 147, M. Burg 144, R. Hamlen 143, M. Muchowski 139, S. Taylor and E. Wallace 133, L. Masak 137, L. Sherwood and S. Milligan 132, and C. Pumphrey 131.

Mountain Road and 8th street to south tech area gate. Eddie Martinez, ext. 31245.

Vicinity 6th and McKnight Ave., NW, or 4th and Indian School Rd., 8-5, Dora Dyer, ext. 5251.

RIDERS WANTED—

Share rides vicinity Cactus Drive-In Theater to tech area, Middleditch, ext. 26260.

Leaving Dec. 14 for Joplin, Mo., and vicinity. Will share expenses. Harold Myers, ext. 32149 or Alb. 3-8915.

Driving to Washington, D. C., via St. Louis. Leaving Dec. 12 or 13. Share driving and expenses. Hilton Souther, ext. 27161.



THE WINNAH and new bridge champion, Bob Malley, 5242, is loaded down with his recently won Open Pairs Duplicate Bridge Tournament trophy (right) and the bowling championship trophy his team won last season. The bridge tournament winning lineup was as follows: 1st—Bob Malley, N. W. Tucker. 2nd—Mrs. Winifred Fellows, Mrs. Jean Viney. 3rd—George A. Arnot, Jr., Preston R. Clement. 4th—Mr. and Mrs. Harold W. Sharp.

First New Mexicans Subject of Lecture At Radio Club Fete

Dr. Frank C. Hibben, internationally known anthropologist who is famous for his archeological finds in the New Mexico area, will speak on "The First New Mexicans," at the annual Sandia Base Radio Club dinner on Dec. 8, 7:30 p.m., Coronado Club.

The talk will deal with evidence pointing to the background of the prehistoric peoples who once inhabited New Mexico. Dr. Hibben is professor of anthropology at the University of New Mexico.

Arrangements for the annual dinner affair are being made by a committee consisting of chairman Carl Carlberg 1917, Bernard Cassidy, Charles Butler 3152, and Col. John Sampson. The dinner is \$2.25 per plate and reservations are being taken by the committee.

Club Bowlers Plan Tourney In February

A handicap bowling tournament will be held at the Coronado Club beginning February 7, officials of the Coronado Club Bowling Association announced this week. Plans for the tourney, which will be held on week ends until its completion, were discussed at a meeting of the Association on November 21.

Only members of the Association will be eligible to participate in the tournament. Competition involving 5-man teams, doubles and singles is proposed. However, individuals may bowl only once in each event. A \$2.00 entry fee for each participant in each event will be charged.

Averages as of January 23, 1953, will be used as basis for the handicap. All entrants must have bowled at least 21 games in league competition to qualify for participation in the tourney. The handicap will be based on 75 per cent of the difference between the individual's average and 200. Special prizes will be awarded for high "scratch" scores which finish out of the money.

Charles Kaspar, 3153, secretary-treasurer of the Coronado Club Bowling Association, was named General Secretary of the tournament. He also will assist Carl Baumgartner, 4133, in setting up rules for the event.

Others present at the meeting included Association President Le Roy Huenefeld, 4153, Bill Jobe, 2411, Bob Parry, 2131, Tom Dadian, 2131, and Pat Liguori, 1951. Dick Heim, 3122, represented Employee Services division at the tournament meeting.

Phi Beta Kappa Meets Tomorrow

Phi Beta Kappa Association of New Mexico invites all personnel of Sandia Base who are members to attend the annual dinner meeting tomorrow, Dec. 6, at the Alvarado Hotel, 7 p.m. W. A. Keleher, attorney and authority on southwestern history, will be the guest speaker, his topic "Incident to Historical Research in New Mexico."

Helen Boss is taking reservations for the dinner at her office, the State Public Health Laboratory, University of New Mexico campus. Guests will be welcome.



GOLF TOURNEY WINNERS are shown receiving their trophies from T. E. Shea, 100. L to R are Mr. Shea, Chet Fornero, Sam Johnson, Max Richter, Mal Snyder, Dale Massey and Hurston Adkins. Fornero, Johnson, and Snyder are members of the team which won the Sandia Employees Golf Association tournament. Richter, Massey and Adkins are members of the runner-up team.



FIRST ROUND WINNERS of the Sandia Employees Golf Association receive golf balls for their part in the recent tourney. Shown L to R are T. E. Shea, 100, who made the presentation, Bob Kelly, Bob Angus, Tom Kelly, Ed Willett and Al Dadian. The Kelly brothers and Bob Crabb (missing from this photo) were "A" Flight 1st round winners. Angus, Willett and Dadian were "B" Flight 1st round winners.