

Sandia LAB NEWS



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ALBUQUERQUE, NEW MEXICO

MARCH 12, 1954

'Engineers Wanted' Sign Still Out At Sandia Corporation

Engineers Wanted

1954 graduates in electrical and mechanical engineering and mathematics and physics from accredited colleges and universities, all academic degree levels needed, candidates of high academic standing are required. Sandia Corporation, Albuquerque, N. M.

This spring, as for the past several years, Sandia Corporation recruiters are scouring the country for qualified young people who will receive degrees in engineering, mathematics and physics. Many top-notch graduates are needed now to supplement the technical staff of the Laboratory engaged in research and development work on atomic weapons.

More Sought

For the entire calendar year of 1954, some 237 technical staff members will be sought for positions in the Laboratory. These men and women will include experienced personnel as well as new graduates.

To find these new engineers this spring, Sandians from both our Personnel Department and line organizations are fanning out over the country to interview a selected fraction of the 17,000 who will graduate from the engineering schools in 1954 and be available to industry.

Top Men Wanted

In this recruiting program, 71 universities and colleges will be visited, all of which are accredited by the Engineers Council of Professional Development. Of these 17,000 graduates, only those with high grade averages will be sought. Sandia Laboratory, due to the complexity and vital nature of its work, requires staff members whose professional interest and ability is indicated by superior academic standings while in school.

Working with recruiting teams from the Bell System, these Sandians are now talking to hundreds of men who will graduate in June. In previous years, of these hundreds interviewed about 8 per cent have been invited to visit Sandia Laboratory. Last year approximately half of those who came to Sandia were eventually employed.

"College recruiting," reports William G. Funk, head of Sandia Corporation's Professional Employment and Personnel Division,

"is a year 'round job, with the big push coming in the spring months."

"This year," he points out, "with only 17,000 graduating there will be more jobs than there are engineers."

Weapon Program

Sandia Corporation, charged with the task of maintaining an aggressive program of research and development in the atomic weapons field, tells the engineers who are to graduate in June of the importance of this job.

In a full-page presentation in a publication sent to all engineering seniors, Sandia says:

"In the 10 years since man unlocked the secret of the atomic nucleus, in the first controlled chain reaction experiment at Argonne Laboratory, the atomic energy program has opened many new frontiers in the quest for knowledge and control of nature's mightiest usable energy source..."

Great Studies Made

"The cornerstone of our national defense program today is our stockpile of atomic weapons, and great strides are being made in the improvement and diversification of these weapons which offer the strongest deterrent to any potential enemy..."

"Graduates in engineering and physical science will find a real challenge in the work at Sandia, where a premium is placed on ingenuity and initiative..."

The "Help Wanted" sign hung out by Sandia Corporation is an invitation to help engineer the future of the country—the future of the world.

J. R. Townsend to Head Board for Science Academy

J. R. Townsend, Director of Materials and Standards Engineering, Sandia Corporation, has been named chairman of the Materials Advisory Board of the National Academy of Science.

This new advisory board was set up by the National Academy as a result of a request of Assistant Secretary of Defense in Charge of Research and Development Donald A. Quarles. Mr. Quarles asked the Academy to enlarge its advisory services by including a variety of construction and engineering phases in the work of the Academy's Research Council.



Mr. Townsend

The committee, previously known as the Minerals and Metals Advisory Board, was renamed the Materials Advisory Board when the new work was added.

Varied Membership

The more than 20 members of this board will be drawn from the technical leaders of the academic and industrial worlds and will advise on use of conservation of engineering materials and on programs of research in materials.

Mr. Townsend is a nationally known materials expert and came to Sandia Laboratory in November, 1952, from Bell Telephone Laboratories where he was Director of Materials Application Engineering.

He has served as consultant on materials conservation to the Director of Defense Mobilization. In this capacity he stressed throughout industry the substitution of less critical for the more critical materials, as well as more effective uses of available materials and the development of critical materials.

30 Years Service

With the Bell System for more than 30 years, Mr. Townsend has been concerned with materials problems since he started testing telephone apparatus in the early '20s.

He served in the mathematics and dynamics section of the Army Ordnance Department in World War I and in World War II served in various consulting 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.

Tech Council Plans Fourth Annual Dance

The Council of Technical and Scientific Societies will hold its fourth annual dance April 2 at the Coronado Club.

H. C. Biggs, 1650, is chairman for the event. Tickets will sell at \$1 per person and may be obtained from A. R. Charlton, 5224, or from representatives of the Society.



Photo by Laskar

LUCY TAFOYA, 2362-2, demonstrates the way to "answer the call" in the Red Cross campaign for funds this month.

Sandians Will Find It's Convenient To Contribute to Red Cross in '54

A convenient means for Sandians to join the American Red Cross is being provided this year in connection with the Bernalillo County Red Cross fund-raising drive. A bright blue box with a red cross painted upon it has been placed at each entrance to the tech area and employees may deposit envelopes containing their membership contribution as they enter or leave the area.

Cards Are Mailed

Membership cards and contribution envelopes have been mailed to the homes of employees, together with a leaflet describing the activities of the Red Cross in Bernalillo County and how the money is spent. The local chapter is seeking \$68,000 this year to help pay for disaster services, water safety programs, nursing service, Junior Red Cross activities, the blood donor program and a wide range of services to men and women in the armed forces.

A contribution of \$1 or more entitles a person to a membership card. Smaller amounts may be deposited in the boxes at the gates if desired. The boxes are locked and will be turned over to the Red Cross unopened at the end of March when the local drive will be completed.

Committee Solicits

In the AEC housing area on the base, a committee of three has been named to arrange for a house-to-house solicitation. The solicitation will be made by a committee consisting of residents of Sandia Base. They are working with the Sandia Field Office of the Red Cross in conducting the drive. The downtown solicitation is by mail this year rather than house-to-house.

Navy Award Goes To AEC Employee For Suggestion

The United States Navy has awarded Kenneth W. Craig, AEC, \$275 for a suggestion he made while an employee of the U. S. Naval Ordnance Plant in Indianapolis, Ind.

He has received notification of this cash payment from Commander D. A. Marks, chairman of the plant's awards committee. Commander Marks wrote that Ken's suggestion concerning the redesign of gyro bearings has saved the government \$21,020 and that the \$275 is the maximum award for payment by the Ordnance Plant.

IRE Audio Group Will Elect Officers On Monday Night

The Albuquerque Audio Association and the IRE Professional Group on Audio will hold its monthly meeting next Monday at 8 p.m. at the Radiation Therapy Building next to Lovelace Clinic.

The program will include election of officers, an "Amplifier Symposium," and a record concert.

March Club Calendar Brings Buffet, Costume Dance and Southwest Styles

Al Hamilton's Orchestra plays for the Informal Dance tomorrow night at the Coronado Club from 9 to 1, the fee 50 cents per person and \$1 for guests.

A big bridge tournament is set for Sunday at 7 p.m. and regular Bingo will be played next Wednesday with attractive merchandise prizes and a comfortable cash jackpot.

Duplicate bridge is scheduled for the 18th, ballroom instruction on the 19th. Miss Glenna Wells from Fishback Studios gives the lessons in ballroom dancing. Club members are advised there is no age limit at these affairs so if you've a teen-ager who's "bustin'" to learn the samba, bring him or her along. The fee is only 50 cents per person.

Another informal dance is set for the 20th when Phil Graham's Orchestra provides the music.

And here's a special treat for the ladies: on March 21 there'll be a Buffet-Style Show featuring Southwestern Fashions by Emily Anne. The Beisel Trio will entertain from 6 to 10, the buffet starts at 5 p.m., and the Style Show is set to get underway at 7:30 p.m. Reservations are required for this event and the charge is \$2 per person.

Whether you prefer a Space Helmet or a Utility Suit, think it over, for that's the mood for the "2000 A.D." Costume Dance March 27th when Don Lesman's band will entertain.

The entertainment committee came up with a challenge on this one: they want you to come to the dance dressed as the form in which you'd expect to be reincarnated in the year 2000!



Photo by Hodges

THE CLOTHES and dry foodstuffs pictured here are now on their way to the Star-of-the-Sea Orphanage in Korea. Helping to pack the load were these girls from 2461. Standing, L to R, Mary Agnes Neuman, Sally Moore and Katherine McCarthy, and seated, Dorothy Ham.

(See story on Page 5)

SANDIA LAB NEWS

Friday, March 12, 1954

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Telephones: Sandia Base Extension 25253 or 26135



It's All in The Way You Answer

(Part Three)

The more than 50 million telephones now in operation throughout our country are a blessing to mankind, and they are also a great instrument for the disclosure of temperament. The telephone can be merciless in its truthful reporting of your personality.

Page 2 of the Sandia Corporation telephone directory contains some gems of wisdom in the art of telephone use. And those who question that the use of this instrument is an art are those who do not use it frequently or who do not care for the every-day amenities of life.

"A good telephone personality," this note on telephone technique tells us, "is a definite asset and can be acquired . . ."

There are several key thoughts in the suggestions given — answer promptly, be alert, speak normally. Display a helpful, friendly interest, enunciate clearly, talk so that repetition of words is not necessary.

Speak directly into the telephone in normal tones with your lips about one-half inch from the mouthpiece.

Don't say "hello."

Give your name, department or telephone number and when answering another person's telephone give both his name and yours. Avoid asking who is calling. Say "Mr. Whitehall is not in, may I take a message?" Or, "May I tell him who called?"

Don't hang up too soon when making a call — give plenty of time for the other person to get to the phone. Look up telephone numbers when you are not sure. Make use of your personal telephone number list, the directory or, when you can find it nowhere else, use Locator.

Keep notes on your telephone call. Have a pad and pencil at hand.

That good telephone personality is something to be valued. Cultivate it, maintain it and remember:

Your telephone greeting can be the most pleasant words of the day, it's all in the way you answer.



Take One Copy Only

The booklet "Useful Knots and How to Tie Them" was an immediate hit with employees recently, especially those who have youngsters in Scouting. Several people called Employee Services and wanted to know if they could get enough copies to supply their son's troop. Of course the answer had to be "no" as the number of copies of all booklets is based on the estimated need of employees themselves, not their families and friends.

When you pass a booklet rack and see a new selection just out, don't grab a handful for your co-workers. Let them get their own. Too many people are taking more than their own copies and the supply is not being evenly distributed. Abuse of the reading racks could defeat their purpose.

Friday Nighters Treated

Special entertainment is being provided every Friday night for patrons of the Coronado Club this month, through the cooperation of the Entertainment Director and the Cocktail Lounge Director.

Messrs. Bill Jamieson and Jack Howard presented Mike Michno-

Dean Irvin, 3152, and his family enjoyed a vacation in Florida last month.

G. V. Shaffer, 2362, reports "good fishing and wonderful scenery" from his recent junket to the Gulf of Mexico.

vicz and his squeeze box last Friday and tonight Pianist M. Karnowsky will entertain the lounge patrons.

Charles Beisel at the organ will be featured March 19 and popular Al Jordan and his accordion on the 26th. These features are in addition to the regular square dances which will be held in the ballroom tonight and March 26.

Been Around?

Your New Mexico map lists a town of High Lonesome, another is Pietown, there's a Loco Hills, Rattlesnake, Toadlena and a Dusty. But look—pronounce 'em right and where can you find more pleasant names than Mesilla, Tierra Amarilla, Tularosa and many others. (We have purposely omitted "Truth or Consequences" from both categories.)

Famous Names

A quick look at a recent list of Sandia Corporation employees reveals there are some 48 Smiths on the roll. Other names found frequently were Chavez 42, Garcia 29, Brown 26, Baca 21, Montoya 20 and Jones 18.

Mary Sumpter, 2362-2, vacationed for a week to redecorate her home.

A potluck birthday supper was held for Ruby Pearson, 2362-1, recently by her fellow employees at the new home of Barbara Trukken, 623 Florida SE.

The Grover Hughes family has moved into their new home at 9921 Leyendecker Rd. NE. Grover works in 1261.

Visiting her mother, who is recovering from an illness, was 1541's Frances Meloy, who traveled to North Manchester, Ind., recently.

Recuperating at home after hospitalization is Dick Clark, 1541, whose co-workers send their wishes for a fast recovery.

Clifton D. Boxx, 1713, was married Feb. 27 to Lillian Zittel at Central Methodist Church. His bride is surgical supervisor at Veterans Hospital.

Ed Harley, 1711, spent a week recently at Aspen, Colo., for the skiing.

Paul and Wanda Bishop have moved into a new home at 9901 Salem Road NE in the Snow Addition. Paul is in 4133-1 and Wanda is in 2471.

Helen Grotberg, who transferred recently to 1522-1, was honored by her co-workers in 2353-1 at a farewell luncheon in the Officers Club.

Skiing trips to Aspen, Colo., were enjoyed recently by Marsha Julio and Marilyn DeBetty, both of 1641. Another ski enthusiast, Dorris Ehret, 5132, also spent her vacation at Aspen and Arapahoe Basin.

Carl Carlson and Bob Buehler, both of 5133, assistant scoutmasters for Troop 188, recently took 16 boys from the troop on an overnight camping trip to Doc Long's Picnic Area in the Sandia Mountains.

Niveo Fisher, 2151-3, was married Feb. 13 to Bonnie Jane White at Los Alamos. The Fishers are now at home at 1020 Silver Ave. SW.

Members of 2100 welcomed F. H. Longyear back to his desk following recent surgery.

Still at home and on the sick list is Bldg. 840's receptionist, Ruth Hunt, 2100. Her many friends at the Laboratory send out their best wishes for a speedy recovery.

Eva Chavez, AEC, claimed the lost photographic negatives that turned up in the SANDIA LAB NEWS office recently. She and her husband, Dennis, 2211, recognized their son's picture which appeared in the last issue of this publication.

Hank Przystas, 4153, and his family attended a friend's wedding at Gallup last week; Lois Sullivan, 4153, and her husband, Tony, 2150, spent the Washington's Birthday weekend in Phoenix and Tucson.

Harvey Richard's co-workers in 4153 send their get-well wishes to Mrs. Richard, who was admitted to the hospital recently.

Josephine McAbee, received a birthday cake March 3 from her fellow workers in 2461-1.

Ted Perlman, 1632-1, and his family returned recently from a two week visit with relatives in Los Angeles, Calif.

Martha Whitford, 1631-1, is vacationing at home this week.

Herbert W. Hevert, 1630, is current holder of the "Ping Pong Oscar" from the noontime tournaments in Bldg. 880.

While attending Naval Training in New Orleans, La., Queento Vandi, 2464-2, saw several of the gay Mardi Gras parades. He was accompanied on the two-week trip by Mrs. Vandi and their daughter.

Carl Robinson, 2334, vacationed at home recently and while digging a new cellar under his house he found what he thought was a trace of gold. He had the rock analyzed and found that it would run about two ounces to the ton — Carl says he might possibly have \$32 worth on his entire place!

Margaret Deaver, 1283, is taking a two week vacation visiting in El Paso, Mexico and Phoenix, Ariz.

Ruth Straley, 1522-2, has returned from a week's jaunt to Indiana. She reports the weather was fine in the Hoosier State.

And a sunshiny weekend was enjoyed recently by Rhoda Kutzscher, 1522-2, who spent Washington's Birthday holiday in Phoenix.

Edith Miller, 2464-2, spent last week at home, but she says it was no vacation as she spent her days painting her house.

Martha Williams, 2464-2, and her husband, Roger, 2462-1, visited over the weekend in Canyon, Texas, with relatives.

Victim of a skiing accident recently was 3152's Betty Wilford, who sustained a broken ankle.

Ruth Love, 2553-3, accompanied her husband to Boise, Idaho, on a week's business trip recently.

His fellow employees in AEC send wishes for a quick recovery to W. B. Stinchcomb, who is hospitalized in Bataan Memorial Hospital.

R. L. Book, AEC, is driving a new two-tone green Ford Ranch Wagon.

Helping celebrate his birthday Feb. 26 were AEC employees who presented a tasty cake to Daniel F. Worht, Jr. Another birthday honoree from AEC was Ruth Foust, who celebrated on March 5.

Weddings and Engagements

The marriage of Mary Lou Fresquez, 5131, and Radioman 3/c Joseph H. Valdez, Jr., an event of November



Mrs. Valdez

28, 1953, was announced this month. Radioman Valdez, who is assigned to the USS Bairoko, expects to be discharged in June and the couple will make their home in Albuquerque.

The engagement of Zudie Brown, 2362-1, to William J. Schnedar was announced this month by parents of the bride-to-be, who came to Albuquerque from their home in Pampa, Texas. Zudie and her fiance plan a late spring wedding. Mr. Schnedar, who will be graduated from the University of New Mexico, expects to be commissioned into the U. S. Navy in June.



QUEEN AND PRINCESS: Jennie Fernandez, right, daughter of John Fernandez, 5214, was crowned March of Dimes Queen at the benefit dinner in Westmorland during the recent fund drive. Sally Ann McNabney, daughter of Verne McNabney, 2482-2, left, the representative of Salton Sea Base, was made Princess of the event.



Photo by Hodges.

THE SURPRISE was on "Pop" when he returned to his desk one day last month to find a scrumptious birthday cake awaiting him. Nelson T. "Pop" Jones was honored by his co-workers in 2451, who had called Mrs. Jones to come out to the Laboratory for the noontime surprise party.

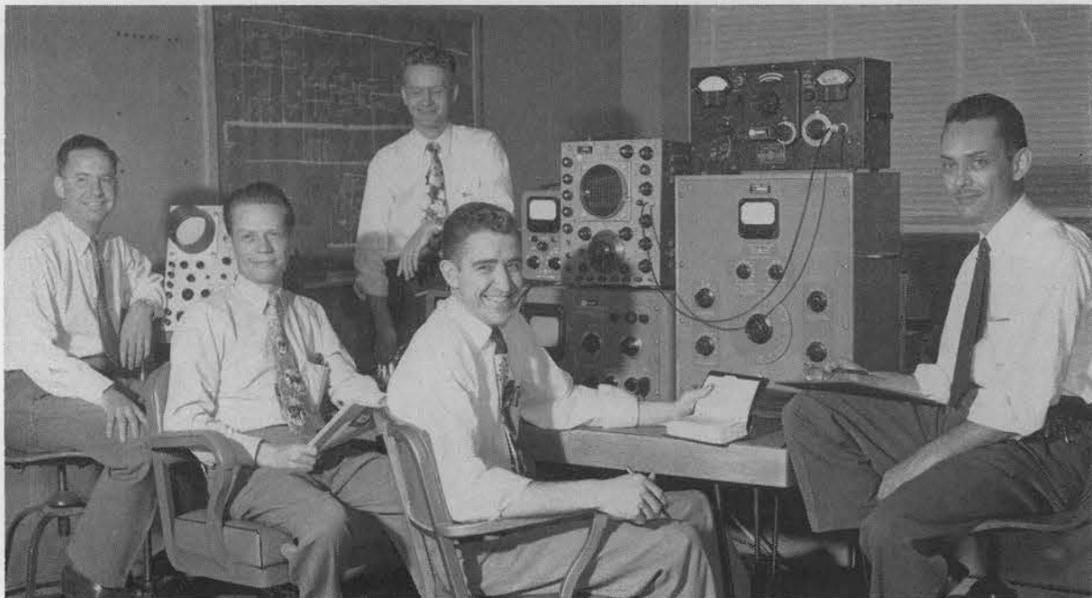


Photo by Laskar

BENDIX ENGINEERS transferred for a six-month period from Kansas City to New Mexico to work for Sandia Corporation, pause at their work at the Laboratory. L to R: Donald J. Nigg, Lawrence R. Smith, Robert L. Whiteside (standing), James N. Shirley, and James H. Lynch.

Bendix Engineers Working at Sandia As Consultants

Five Bendix Aviation Corporation engineers from Kansas City are working with Sandia Corporation for six months as consultants to certain phases of work in the Laboratory.

These men, Donald J. Nigg, Robert L. Whiteside, Lawrence R. Smith, James H. Lynch and James N. Shirley, have moved their families to Albuquerque for the period of time they will be working here.

This "loan" of engineers to serve as consultants to the Laboratory is part of a program of maintaining efficient engineering liaison services between the two companies.

This program of mutual assistance helps provide close relationships between research, development and production functions of projects being undertaken by Sandia and Bendix.

Sympathy

Sympathy is extended to L. G. Stewart, 1522-2, whose mother died recently in Indianapolis, Ind.

Sandian Will Talk At Symposium in Washington D. C.

Don L. Lawson, 5311, will speak at the 1954 Electronic Components Symposium to be held in Washington, D.C., May 4-6.

The Sandia engineer has been assigned the subject of "Capacity Variations with Temperature for the Sintered Plate Nickel-Cadmium Battery."

A graduate of the University of Oklahoma, Don joined Sandia Corporation two years ago. He holds a B.S. degree with majors in mathematics and physics.

The Washington symposium is sponsored by electronics manufacturers, professional groups and government agencies.

Phil Park Leads Legion Post No. 58 Rifle Team

Phil Park, 1641, has been named chairman of the Rifle Team committee for American Legion Post No. 58.

A member of the squad is Arthur Cordova, 2122.

Phil's team is seeking to compete with other veteran rifle teams in the state. Interested marksmen may contact him at R.R. No. 4, Box 870.

★ There's an Evening Of Square Dancing At Club Tonight

Square dance fans from the Coronado Club and their guests will enjoy an evening of stompin' tonight with the Duke City Cowboys providing the music. Dancing will be from 8:30 to 11 p.m.

W. E. "Doc" Rehbeck will be master of ceremonies and will be assisted by several guest callers.

Admission is \$1 per couple for club members and \$2 for non-members.

IRE Dinner Meeting To Feature UNM Professor Tonight

Members of the Albuquerque-Los Alamos section of the Institute of Radio Engineers will hear Dr. Frank Hibben of the University of New Mexico Anthropology Department at their meeting tonight at Forest Park Inn.

Promotions

ROBERT M. HAWK to section supervisor 1545-1. Bob started work at Sandia Laboratory in August, 1949. He is a graduate of the College of Arts and Sciences of the University of New Mexico with a major in government. He also attended George Washington University in the District of Columbia and University of Oklahoma at Norman. He is a veteran of three years service in the Air Force during the war.



10-Year-Old Lost In Sandias Three Long Cold Hours

A Sunday afternoon at La Madera Ski Lodge in the Sandia Mountains turned out to be a pretty frantic few hours for 5220's Clara Koebke.

Her 10-year-old daughter, Bonnie, became lost while taking her pet cocker and another dog for a walk. Clara and her friends searched for more than three hours before locating the child.

Fraternity Meeting

Sigma Phi Epsilon members plan an alumni chapter meeting at the fraternity house, 1901 Las Lomas Ave. NE, next Tuesday at 7:30 p.m.



PROJECT ENGINEERS of the 1500 organization were called in to Sandia recently for a series of meetings to discuss latest technical and administrative aspects of their activities. Department Managers W. M. O'Neill, 1540, (back row, center), and L. R. Neibel, 1550, (front row, right), collected this group for a "family album" photograph before they departed

for their respective locations. Pictured are: (front, L to R) M. C. Schiess, 1545, C. L. Johnson, 1552, S. L. Johnson, 1551, R. L. Schneider, 1544, and Larry Neibel. Back row, L to R, C. H. Goddard, 1553, C. L. Gommel, 1543, Bill O'Neill, D. E. Murphy, 1542, S. L. Egger, 1554. Present for the meetings, but not for the picture, were J. R. Harrison, 1541, and G. L. Morrisroe, 1555.

How Can You Be Taxed If You Can't Vote? And Why Can't You Vote?

Sandia Corporation's General Attorney and Treasurer, Philip D. Wesson, has been asked many times the question worded in the title of this article: "How can I be taxed if I can't vote and why can't I vote?"

The SANDIA LAB NEWS asked Mr. Wesson the same question and he replied, "It would clearly not be proper for me to assume to advise all the residents of Sandia Base as to their legal status. However, the following facts may be of general interest."

In the Constitutional Convention of 1787 one of the main problems confronting the "Founding Fathers" was to work out a practical compromise between State and Federal jurisdiction.

In defining the powers of the Federal Government with respect to land ownership the Constitution provides in Article I, Section 8, that Congress shall:

"EXERCISE EXCLUSIVE LEGISLATION in all cases whatsoever, over such district (not exceeding ten miles square) as may, by cession of particular states, and the acceptance of congress, become the seat of the government of the United States, and to exercise like authority over all places purchased by the consent of the legislature of the state in which the same shall be, for the erection of forts, magazines, arsenals, dockyards, and other needful buildings:..."

Since then the nation has expanded across the continent and Federal activity has increased to meet the social and economic needs of the present day. However, it has been found that simple ownership of land is, in many cases, sufficient for the purposes of the Federal Government, without burdening Congress with complete legislative authority over countless widely scattered parcels of land.

Practical procedures have now been established by law to regulate the acquisition of land and to define the extent of the "exclusive jurisdiction" to be exercised over such land by Congress.

The present Federal law on this subject is an Act of February 1, 1940, a condensed version of which reads as follows:

"EXCLUSIVE JURISDICTION in the United States over lands shall not be required but the head of any department or agency of the government may accept from the State in which any lands are situated, such jurisdiction, EXCLUSIVE OR PARTIAL, as he may deem desirable, by filing a notice with the Governor of such State."

The corresponding provision in the New Mexico Statutes is:

"The consent of the state of New Mexico is hereby given, in accordance with the seventeenth clause, eighth section, of the first article of the Constitution of the United States to the acquisition by the United States, by purchase, condemnation, or otherwise, of any land in this state required for sites for custom-houses, courthouses, post offices, arsenals, or other public buildings whatever, or for any other purposes of the government. EXCLUSIVE JURISDICTION in and over any land so acquired by the United States shall be, and the same is hereby, ceded to the United States for all purposes except the service upon such sites of all civil and criminal process of the courts of this state; but the jurisdiction so ceded shall continue no longer than the United States shall own such lands."

The situation at Sandia Base, as regards residents in the AEC housing area, depends on whether you live east or west of Pennsylvania Avenue.

The land north of Gibson and west of Pennsylvania became the property of the United States Government by simple acquisition of title. The Government did not take necessary action under the Act of February 1, 1940, and so did not assume "exclusive jurisdiction." Consequently, residents in that area are in all respects in the same status as other residents of New Mexico. It also happens that that tract of land is the only part of the entire Sandia Base that is within the city limits of Albuquerque.

The rest of the AEC housing area is on land as

to which the U. S. Government has assumed "exclusive jurisdiction." For most purposes such land is considered to be not a part of the State of New Mexico. Residents in that part of the housing area are not eligible to vote under New Mexico law. This follows from the decision of the Supreme Court of New Mexico in the case of Arledge vs. Mabry, involving land at Los Alamos that had the same status as this AEC land at Sandia Base.

The question that concerns everyone in the east or "exclusive jurisdiction" portion of the housing area is, how can New Mexico collect State Income Taxes from residents of an area that is considered to be not a part of New Mexico? The answer to this question is that Congress, as pointed out above, has exclusive legislative jurisdiction over such land, and Congress has passed a law known as the Buck Act, approved July 30, 1947, which reads in part as follows:

No person shall be relieved from liability for any income tax levied by any State, or by any duly constituted taxing authority therein, having jurisdiction to levy such a tax, by reason of his residing within a Federal area or receiving income from transactions occurring or services performed in such area; and such State or taxing authority shall have full jurisdiction and power to levy and collect such tax in any Federal area within such State to the same extent and with the same effect as though such area was not a Federal area."

The constitutionality of the Buck Act has been affirmed by the Supreme Court of the United States.

Under our political traditions everyone agrees that it is not a desirable condition when otherwise qualified citizens are not eligible to vote in State and National elections. The remedy is for the Federal Government to return to New Mexico all or part of its exclusive jurisdiction over Sandia Base. Such action was taken by Congress with respect to Los Alamos a few years ago, following the case of Arledge vs. Mabry. It is understood that a proposal for similar action, or an alternative, will be considered by the present Congress with respect to Sandia Base.

Quality - - By-Word of Science Seeking Better Products

What are the odds against possible failure of an atomic weapon of ours? How certain are we that if a nuclear device has to be used against an enemy it will function exactly as expected?

Not a Gamble

Obviously we can't go into the field and set off enough such devices to get a pattern of probable performance. Unlike rolling dice and leaving the results to chance, the control of quality is exercised through all phases of production and into the final completed product.

The odds have to be trimmed to such an infinitesimal figure that we can say for all practical purposes that our product is as certain of proper operation as it is humanly possible to make it.

The story of how we arrive at such assurance is a story about a group of people striving for better quality of design and conformance to design in manufactured products. Their work, in effect, is to assure that the customer will be satisfied with what he buys — satisfied with both quality and price.

For Sandia Laboratory the customer is Uncle Sam; for most of industry throughout the country it is Mr. and Mrs. Average Consumer — you and me.

* * *

Quality control has a long history, but began to reach maturity as an accepted procedure in the Bell Telephone Laboratories and Western Electric Company in the early twenties.

Statistical quality control grew largely from the efforts of Dr. Walter A. Shewhart of the Bell Laboratories who fathered the new concept of "Economic Control of Quality of Manufactured Product," a title he gave to a book he published in 1931 on the science.

Statistics Is Backbone

Two other men, both of the Bell Telephone Laboratories, Harold F. Dodge and Harry C. Romig, also took the lead in developing the application of statistical theory to sampling inspection and produced the "Sampling Inspection Tables," now a well-known source for statistical quality control information.

"Statistical," says Mr. Dodge, "that's the word which frightens students, laymen and others. But it is the backbone and lifeblood of quality control, and it isn't as formidable as it appears."

Mr. Dodge, who was in Albuquerque recently to speak to a new organization of quality control engineers, defined the goal of the profession:

"Production of materials of greater uniformity, greater quality, with greater economy."

* * *

Quality control came of age during World War II, with the need for vast quantities of war materials of

What am I...?

- I am oft-times unseen, but of most importance.
- I assure acceptance of your work.
- I am your responsibility.
- I create friendship and goodwill.
- I inspire respect and confidence.
- Everybody wants me.
- I attract buyers.
- I build sales.
- I cost nothing... and I should be a part of everyone's handiwork.
- I provide for job security.
- I am an integral part of fine craftsmanship.
- I am Quality.

— Courtesy "Industrial Quality Control" and Beech Aircraft Corp.

high quality and uniformity. As more and more engineers became involved in the science the need for a common meeting ground appeared. In 1946 a group of engineers formed the American Society for Quality Control.

Many Sections Today

George D. Edwards, director of quality assurance for the Bell Telephone Laboratories, was the first president and Dr. Shewhart the first honorary member. Mr. Edwards is well known to many Sandians as he has been a consultant to the Laboratory in the past and will take an even more active part with the Laboratory quality control work in the future.

Today there are many sections of the national society and recently joining the list is the Albuquerque section which in February received approval of its charter application.

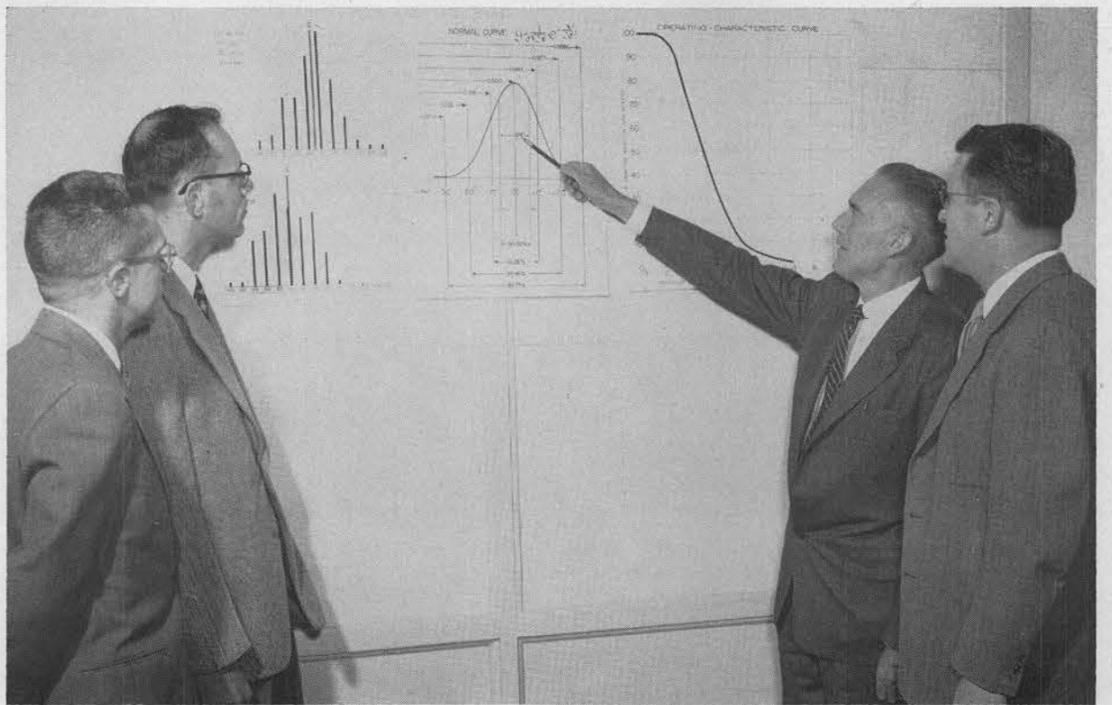
Membership in the society is drawn from the broad field of industry throughout the world — there are now members located in 14 foreign countries and more than 6500 men and women are associated with approximately 65 sections such as the Albuquerque group.

These people, from design, production and inspection, are pooling their varied backgrounds, skills and knowledge in furthering the cause of statistical quality control throughout industry.

Mr. Dodge, like other engineers during the war, served his country by helping install quality control inspection procedures in the production of war goods. Working closely with Army Ordnance, engineers helped assure the high quality when the lives of Americans and others fighting for a free world depended upon the weapons they were using.

Saves Tax Money

Today, with industry still geared to a high military production as well as carrying on peak production of non-military products, the engineers of quality control continue to refine and broaden their specialized art. Their determination is yielding results that every taxpayer and con-



TRAINING CHARTS for the person studying the Mexico section of ASQC; Phillip H. Bircher, 1512; fine art of quality assurance and control are discussed. Harold F. Dodge, Bell Telephone Laboratories quality results engineer; and Arvine F. "Doc" Cone, 1510.

Photo by Hodges

sumer can understand in terms of getting more for his money.

* * *

Sandia's engineers, many of whom have become members of the American Society for Quality Control (ASQC), are putting forth their best efforts in the quest for assured production standards in the weapons which help safeguard our country.

These weapons can't be merely "good enough," they must be the very best.

How do they insure against failure? How do they assure themselves that every component of every device meets rigid standards? How can they be sure without submitting every part of each unit to a rigid, time-consuming examination?

It can be done, it can be done successfully. It is done at Sandia first through the Laboratory's Inspection Departments headed by William E. Boyes and Robert J. Dill, and later through the Quality Assurance Department headed by Arvine F. Cone, and the Surveillance Department under George H. Roth. And it's done by such organizations throughout much of America's industry.

Scientific Sample

They do it through several methods. One of the tools used is scientifically designed sampling plans.

Through this statistical means engineers may be reasonably sure that if "X" number of units are manufactured, "Y" standard of quality may be achieved through examination of "Z" number of these units in production.

The pollsters (Gallup, Hooper, Crossley, etc.) have their statistical formulae with which they attempt to secure a "representative sample" of the people. The quality assurance engineers have their statistical methods including formulae, tables, charts and graphs, to determine a "representative sample" of the manufactured product.

Unhampered by the "Achilles heel" of the opinion pollsters, changing opinion, the quality control engineers have attained a record where the acceptance rate of quality products is high.

The result: fewer rejections, less scrap, less re-work production, reduced cost and most important to us — performance should the day ever come when performance is needed.

Quality Evaluation

Another tool is used in making sure the product is going to live up to the standards the customer has set for it. That is testing this product under conditions similar to those under which the customer will use it. The problem: will this product live up to standards under the environmental conditions it may be required to meet?

The work of quality evaluation

gives the manufacturer assurance that the buyer receives satisfactory performance with his purchase — and in our business at Sandia Laboratory what could be more important?

Quality Survey of Vendors

Many of America's industrial plants speed up production with the help of other manufacturers. Sandia does this through contracting with other business, large and small, the country over to do specific jobs for us.

To determine the capability of these various vendors, to learn if they can manufacture the desired items to our specifications it is necessary for quality assurance engineers to visit these plants and see for themselves.

Again, the quality assurance organization is striving to maintain its goal of better, more economical products.

* * *

Harvey P. Kelsey, 1512, came to Sandia Laboratory in 1948 from Sylvania Electric Products Company in Danvers, Mass. He was a member of the Boston Society for Quality Control from 1943 to 1946 and a member of ASQC since its founding.

Soon after his arrival he began talking about a local Section of the Society. With the assistance of other Sandia engineers they later started the groundwork to form such a group.

A committee volunteered to enroll engineers in the projected Section of ASQC. Members were Albert E. Clamp, 1522, Douglas Ballard and James C. O'Neal, both 1513, John Weisen, 5131, Daniel D. Sheldon, 2544, Aldis S. Hayes, Harlan P. Kelsey, Allen F. Hurford and Phillip H. Bircher, all 1512, and Arvine F. Cone, 1510.

Petition Submitted

Soon this committee had found 41 Sandia and Los Alamos men, more than enough members of the organization to authorize a state section. The petition for membership was submitted February 3 and the charter granted later in the month.

Officers of the new section are Aldis S. Hayes, chairman; A. F. Cone, vice chairman; John M. Gustafson, secretary; and Daniel D. Sheldon, treasurer. Melvin Fankhouser, 2545-3, is chairman of the present membership committee.

Each year members of the ASQC may nominate a person for the Shewhart Medal, an award created in honor of Dr. Walter A. Shewhart, the Bell Laboratories man who is regarded as "The Father of Quality Control." Won by Bell Labs Engineers Harold F. Dodge and George D. Edwards in the past, the honor is bestowed for:

"Outstanding contributions to the science of quality control, successful promotion and management of quality control programs, and service to

Speech Head at UNM to Speak To Toastmasters

Dr. Wayne C. Eubank, chairman of the University of New Mexico Speech Department, will be the featured speaker at the March 18 meeting of the Sandia Toastmasters Club.

The Toastmasters will hear him discuss "Never the Same River" at their meeting, scheduled for 7:30 p.m. in La Caña Room at the Coronado Club. Dessert and coffee will be served following his talk.

Visitors are welcome to attend the Toastmasters meetings. Reservations may be made with John C. Cunningham, Sgt.-at-Arms, 5432.



Dr. Eubank

Visitors are welcome to attend the Toastmasters meetings. Reservations may be made with John C. Cunningham, Sgt.-at-Arms, 5432.

Geologist Speaks on Uranium Occurrence

Raymond Stroud, a geologist with the AEC's Raw Materials office in Albuquerque, will talk briefly about occurrences of uranium in the United States, Canada, Africa and more specifically, the State of New Mexico at the Rockhounds' meeting March 16.

The session will be held at 7:30 p.m. in the Lecture Hall, UNM Geology Building, on Yale Blvd. NE.

the art and to the society..." This year when the folks of the American Society for Quality Control meet in St. Louis for their annual conference they will have as their theme:

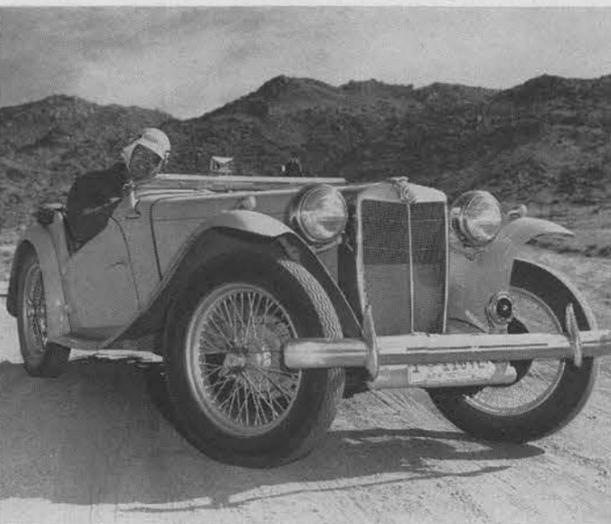
"A crusade for better quality, higher quantity and lower costs." That's quality assurance and quality control.



Photo by Laskar

EXPERIMENTAL RANDOM SAMPLER, demonstrated by Allen F. Hurford, left, and Donald H. Allen, both 1512, is used to demonstrate characteristics of sampling plans used in quality assurance work.

Speed, Style Their Hobby - - Sports Car Competition Their Fun

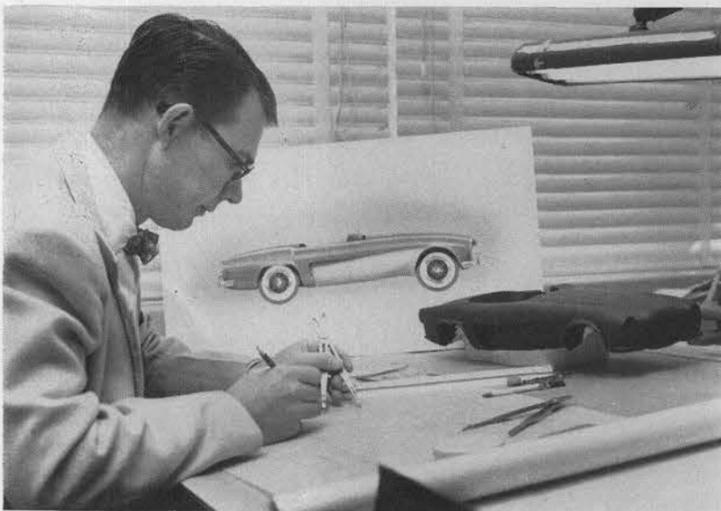


Photos by Laskar

THE ALBUQUERQUE Sports Car Club numbers several enthusiastic Sandians on its roster. Among them are Bill Smalley, left, Corry McDonald, center, and Carmon C. Paschal, right. Bill, 1613, drives an M.G.-TD to the club's Sunday rallies; Corry, 1210, participates in his prize-winning

M.G.-TC, and Carmon, 1261, is the proud owner of a handsome Jaguar which has placed in many racing events around the state. Corry's careful workmanship on his M.G. brought him top honors at the Ruidoso meet recently when his automobile placed first in the "Concours D'Elegance." Another

sports car fan at the Laboratory is Jim Sisler, 1524, whose English Allard is an eye-catcher on the highways. Plans are in the making now for two races this spring, the first to be at Hobbs late in March and the next at Santo Domingo Indian Pueblo a few miles north of here in April.



JACK SUTTMAN, 2463, is combining his talent with his hobby of sports car racing to design and build a special body for his M.G. Jack, who lives on Sandia Base, has spent his winter evenings working out the details for the proposed project which will be constructed in his carport. He hopes to have the "Suttman Super" finished by August.

From California Salton Sea News

A committee of Salton Sea employees' wives who reside on the Base met at the home of Mrs. T. A. Sprink recently for the business of converting an excess in the Christmas fund into a fund which was contributed to the March of Dimes. Those present were Mesdames Lloyd Wilson, Fred Sayles, Harry Schnarr, John Bashaw, Carl O'Dell, Stanley Pickens, Joe Medley, Verne McNabney and Mrs. Sprink.

A. L. "Curly" Pearson, 2483-1, recently passed the examination for his amateur radio operators license and can now be considered a full-fledged "ham."

Lloyd R. Wilson, 2482, has turned gardener. Lloyd has been cultivating a plot of land behind the Lodge auto shed and hopes to enjoy vegetables from his own garden one of these days.

Harry Harter, 17-year-old son of Harvey Harter, 5214, has passed examinations to enlist in the U. S. Navy for a "minority cruise." This is an under-age enlistment often referred to as a "kids' cruise" by the old salts.

Materials Expert On AIEE Program

Members of the American Institute of Electrical Engineers and their guests will hear J. R. Townsend speak at their next meeting Tuesday, March 23. Mr. Townsend, Sandia Corporation Director of Materials and Engineering Standards, will talk on Problems of Materials Engineering.

Refreshments will be served after the meeting which will be at 7:30 p.m. in the Mechanical Engineering Building on the University of New Mexico Campus.

N.Y. Philharmonic Plays in City on '54 Concert Series

Mrs. L. E. Mahuron, 3244-A St., Apt. D, Sandia Base, will have season tickets available until March 14 for those persons wishing to join or renew their Community Concert membership.

Next season's big attraction will be the New York Philharmonic Orchestra which is slated to play for one of the community concerts.

Mrs. Mahuron explains that adult tickets sell for \$6 and student (through high school) tickets for \$3. She pointed out that this is the last week the tickets will be available as they are sold only during the annual campaign.

'Tech Activities' Magazine Has Modern Format

"New Mexico Tech Activities" magazine has gone modern.

The former mimeographed pamphlet which monthly tells the goings-on of most of Albuquerque's technical and scientific societies now is printed on "slick" paper with a format to include advertising.

The first issue in its new dress came off the press two weeks ago and the editors report a fine response.

The "Activities" is a project sponsored by the Council of Technical and Scientific Societies and its chief aim is to coordinate the programming of meetings, and the announcement of meetings, to prevent overlapping of individual sessions.

Lt. Col. Robert E. Fontana, IRE*, is managing editor, assisted by Nicholas Sannella, Jr., ASTE*, and Max Weber, IRE*, SBRC*, and ARRL*. Albert J. Impink, Jr., SBRC*, is circulation manager.

- * Institute of Radio Engineers
- American Society of Tool Engineers
- Sandia Base Radio Club
- American Radio Relay League
- Other organizations included in the publication are:
- American Society of Mechanical Engineers
- American Institute of Electrical Engineers
- American Society for Quality Control
- Society for Non-Destructive Testing
- Instrument Society of America
- American Society for Metals

Thanks Sent Sandians for Their Help In Assisting Orphans of Korean War

"... you folks helped them to have their best Christmas yet."

In a letter to the girls in 2461 come these words of thanks from Sister Philomena at the Star-of-the-Sea Hospital and Orphanage at Inchon, Korea.

Here are excerpts from that letter in response to gifts sent out by the Sandians in December:

"All the boxes, letters and donations came the week before Christmas. I had plenty of time to get the children's gifts ready for the big day, 25th . . . and believe me, it is no joke to prepare for over 300 as these babes had only stuffed toys tied to their cribs.

Best Christmas Yet

"Anyhow, you folks helped them to have their best Christmas yet. They enjoyed the games. The dolls for the toddlers were wonderful and I got a little of every item needed for the babies' rooms. Some of you kind ladies did a good job with the needle . . . and the babes were all nice and comfy on Christmas morn.

"All here join me to thank you for your kind gifts to our works of charity during and before the Christmas season. . . . It's really you who do the job. We are helpless without your aid."

The Star-of-the-Sea home will continue to receive clothes and supplies from the Sandia girls throughout the year. About once each month the Sandians bring their donations together and assemble them to be sent overseas.

Sox in Black Market

Mary Agnes Newman, 2461-2, will be happy to provide information about the orphanage to any persons wishing to contribute. Mary Agnes, one of the "chief packers," says the need right now is for plenty of children's sox.

"The Sister wrote that youngsters' sox are a critical item over there. There's even a black market in them."

Congratulations

BORN TO:

Mr. and Mrs. Gilbert Ramirez, 2351-1, a son, David Gilbert, March 1.

Mr. and Mrs. Harold Bell, 2221-1, a daughter, Debra Sue, Feb. 19.

Mr. and Mrs. J. R. Clapham, 1711, a son, Richard Lee, March 2.

Mr. and Mrs. Sylvan Winocur, 1331, a daughter, Meryl Leslie, Feb. 20.

Mr. and Mrs. D. C. Williams, 5143, a daughter, Dana, Feb. 21.

Mr. and Mrs. C. V. Stephenson, 5143, a daughter, Frances, Feb. 3.

Mr. and Mrs. W. B. Stephenson, 5141, a daughter, Betty Lynn, Feb. 25.

Mr. and Mrs. Dwayne Fry, 2553-2, a son, Scott Milton, March 1.

Mr. and Mrs. Stan Howard, 1284, a daughter, Susan Virginia, Feb. 19.

Toastmistress Speech Contest to Continue Wednesday Evening

Members of the Turquoise Toastmistress Club will continue their speech contests at the next meeting, 7 p.m., March 17, at the home of Mrs. Henry Goldberg, 209 Wellesley Dr. SE.

Mrs. W. E. Caldes will give the invocation and Mrs. E. G. Miller, Jr., will be topicmistress. Mrs. H. M. McMichael is to be toastmistress and speakers will include Mrs. K. R. Fortman and Mrs. Blanche Hompe. Final run-off in the tournament will be in April.



Photo by Hodges

"TECH ACTIVITIES" staff: Standing, L to R, Albert J. Impink, Jr., and seated at left, Nicholas Edward G. Miller, Jr., Lt. Col. Robert E. Fontanta, Sannella, Jr., and at right, Max Weber.

shopping center

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

Next Deadline: Noon, March 19

FOR SALE—

AMANA FREEZER, 18-cu. ft. upright, cost \$600, sell for \$450, terms, 5-yr. warranty incl., 7611 Apache Ave. NE. Macrae, Alb. 6-0216.

CLARINET, Dolton Collegiate, with carrying case and music stand, \$50; will trade for used typewriter. Watt, Alb. 5-4881.

MOTORCYCLE ENGINE and transmission, mag ignition with battery and generator for lights, ideal for midget car or racer, \$50 or best offer. Laskar, Alb. 3-1554.

VERY ACCURATE .257 Roberts Mauser action double set triggers, 2.5 power scope, deluxe stock, handloading tools, \$175; .357 Magnum Smith & Wesson with 3 1/2-inch barrel, quick draw front sight, handloading tools, draw and show holsters, \$125. Roth, Alb. 3-0522.

WESTERN STYLE cartridge belt, hand carved, with holster for .38, .44 or .45 revolver, \$25. Roeschke, Alb. 5-5133 or 3-3169.

TWO-WHEEL TRAILER, \$35. Young, Alb. 5-8193, 837 Valencia Dr., SE.

BC 348 with 110V power supply, \$60; BC 348 with 110V power supply and speaker, \$70; BC 221 frequency meter, \$60; or will trade for binoculars, mine detector, ham equipment or what have you. LeFever, Alb. 5-8508.

ANNIVERSARY Speed Graphic, \$145 complete; combination disc recorder, 2-speed player, radio and public address system, \$60; 36-in. fluorescent ceiling fixture, \$4. Smith, ext. 22164.

TWO-BEDROOM home, partially furnished, double garage, central heat, water softener, take over low monthly payments plus substantial down payment. Park, Alb. 4-0555.

10-GALLON galvanized tub, almost new, \$1.50. Jamieson, ext. 26157 after 5:30.

PISTOLS, target colts, .45 and .22, Sanderson stocks, accuracy jobs, reloading equipment, spotting scope, pistol case, \$250. Will sell separately. Farley, Alb. 5-6676.

1946 2-DOOR Plymouth Special Deluxe, R & H, \$300 or best offer. Westcott, ext. 2-3280.

1950 OLDSMOBILE two-door, overhauled, R & H, \$800. Parker, Alb. 6-0260.

WESTINGHOUSE electric roaster, brand new, \$30. Higgins, Alb. 6-6383, 419 Chama NE.

KIT KAMPER trailer, sleeps two, stove and ice box, \$295. Eaves, Alb. 5-0596 or see at 816 Indiana SE.

STEREO REALIST camera, Model ST41 and viewer Model ST61, \$150, never used. Turner, Alb. 5-1736.

TWO CORNER CABINETS for sale \$20 each, walnut finish. Henry, Alb. 6-2467.

BOOK OF KNOWLEDGE set, 20 vols., with 8 vols. "Lands and People," \$75. Set of 5 ft. 6 in. skis with bindings, \$5. Moffat, Alb. 2-0173.

TWO 6-WEEK-OLD cocker spaniel female puppies \$10 ea. Blain, ext. 25183.

EASY SPIN DRY washer, \$32 or trade. Want heavy duty wheel barrow, guns, camping equipment. Martinson, Alb. 3-6901.

HALLICRAFTER HT-9 transmitter, \$200; other misc. radio parts. Roane, ext. 5-4144.

REMINGTON portable typewriter, \$40 or best offer or trade for building materials. Zaluga, Alb. 4-1564 evenings or weekends.

SIMMONS sofa bed, \$50; Nogue gas range, \$110; chrome dinette, \$100; 2 table lamps, \$12; Filter Queen vacuum, \$15; maple chair, \$5; 9.5-cu. ft. Crosley refrigerator, \$225. Waxler, 205 Gen. Patch NE, Alb. 6-7084.

TRANSMITTER 400 watts phone, 500 watts C.W., V.F.O. or crystal control, bandswitching 80 through 10 meters, high level clipping, electronic keying, with spare tubes, \$375. Halliday, Alb. 6-6685.

FIVE-DECK BROILER PLANT, starts 100 chicks. Warrick, Alb. 4-5057.

REVERE CAMERA, 8 mm. with f2.5 lens, tripod, case, lens shade, filters, twin reflectors, Kari-all, extra lens f1.9. Brammer, ext. 26155.

ENGLISH POINTER, female, papers, 3 years old, \$50. Eskridge, Alb. 6-4712.

TRUCK, 1947 1 1/2 ton stake with frame and complete tarp, ideal for moving furniture, trucking or camping, low mileage. Fische, Alb. 6-5618.

1946 HARLEY "61" overhead, loaded; also 1947 Crosley with '49 motor and good tires; 4 cylinder 2-cycle Drone motor, new. Rogers, ext. 22155.

MOD. 52 WINCHESTER 22, target, peep sight, scope, blocks. Johnson, 2842 Bel-Air NE.

1941 BUICK, R and H, good town car, good tires. Henderson, Alb. 2-7189.

DUNCAN PHYFE couch and chair, rose satin stripe, \$50; Duncan Phyfe drop leaf table, mahogany, \$25; posture office chair, green leather, almost new, \$20. Howe, Alb. 6-5559.

DOUBLE BED with innerspring mattress; Storkline youth bed; half-size crib; bathinette; car seat, baby stroller; painted bookshelves 6 x 10 x 33. Schellhase, Alb. 6-2313.

1950 FORD, Fordor, R and H, new paint, one owner, low mileage, \$825 cash, terms if desired. Lindquist, Alb. 5-1057.

1950 CHEVROLET 2-door black, R and H, 42,000 miles, clean, \$795. Buntz, ext. 25257.

UPRIGHT PIANO, best offer. Sannella, ext. 20293 after 5.

MAYTAG automatic gas range with Dutch Oven; also 8-cu. ft. G.E. refrigerator, both 3 years old. Binder, 3156-44th Pl., ext. 40272.

THREE BEDROOM HOUSE, 1 1/2 baths, weatherstripped, redecorated, venetian blinds, walled yard, lawn, trees, sprinkler system front and rear, total price, \$8800. Cox, Alb. 6-1182.

KENMORE electric roaster with broiler and grill attachment, almost new, \$37.50. Pearce, ext. 31237.

ATLAS LATHE 48-in. or will trade for pick-up. Davis, Alb. 3-2060.

CRAWLER TRACTOR, 35 hp. Sons, Alb. 7-9073.

ROLLEICORD with f3.5 lens, case, \$80. Poindexter, ext. 23137.

TRADE—

1947 DODGE for real estate contract or lot, or down payment on two bedroom home. Stephenson, Alb. 5-9822.

WILL TRADE high quality German cameras; printing press, rifle, binoculars, for power tools such as circular saw, band saw, drill press or shopsmith in good condition. Shew. 1508 Katie NE, ext. 22156.

BUESCHER ALTO SAX, almost new, for good deer rifle, or will sell outright. Miller, Alb. 6-3895.

WANTED—

RIDERS from Rio Grande and Central to South Gate (Bldgs. 894-892). Peter Cook, ext. 26242.

RIDE wanted from 1826 LaVeta Dr., NE, or vicinity to 880. Bernie Strawn, ext. 29140.

CHILD CARE in my home. Mrs. John Crun, 329 Cagua Dr. NE, Alb. 5-8197.

RIDE wanted from vicinity of Oak and Grand. Joyce Cannone, ext. 34164.

RIDE from vicinity 7520 Leah Dr. NE, Zuni Addition, to north Tech Area. Marianne Humphrey, ext. 20238.

RIDE for two girls from 201 High St. NE or 600 block Central East to Bldg. 880. Pat Dixon, Alb. 7-9443 after 5:30 p.m.

RIDE from 415 Dallas NE to Bldg. 800. Wade, ext. 35237.

USED CRIBETTE. Mrs. J. B. Davis, Alb. 2-6412.

ANYONE interested in car pool from vicinity of 1300 Central East to Bldg. 880. Gustafson, ext. 28145.

TO JOIN car pool from vicinity Val Verde Dr., Bel-Air. Bob Fische, Alb. 6-5618.

ONE PERSON with car to join four-member car pool from vicinity Rio Grande and Candelaria to Tech Gate 4 or 5. Jim Galbreath, Alb. 4-4305.

RIDE from corner Osuna Road NW and Second St. NW. Betty Cooke, Alb. 4-0734 after 6 p.m.

TWO OR THREE RIDERS to join car pool from area east of San Pedro and south of Kathryn to 880. Weibell, ext. 21232.

FOR RENT—

FURNISHED two bedroom home near bus, schools, shopping; direct route to bases; trees, lawn sprinkler front and back. Marmon, Alb. 5-1790 or 5-3256.

NICE ROOM, walk to town, \$30 per month or with 2 meals \$18.50 per week. Snider, Alb. 2-7278 after 6, 420 Coal SE.

THREE BEDROOM HOME, 1917 Virginia NE. Litz, Alb. 6-3246.

THREE BEDROOM HOME in Hoffmantown, electric range and refrigerator furnished, \$80 per mo. Pena, Alb. 2-6707.

FURNISHED ROOM in Snow Heights for single man, complete kitchen and laundry privileges. Hevert, Alb. 5-4570.

ONE BEDROOM APARTMENT close to university, stove, refrigerator, storage room, 3 blocks from Central. Corney, Alb. 2-6647.

FURNISHED ROOM in new home, 6102 Zuni Road SE, woman preferred. Berning, Alb. 5-1984 after 6 p.m.

ROOMS FOR MEN, reasonable, on bus line, board optional. Park, 1606 Roma Ave. NE.

No job is so important and no service is so urgent that we cannot take time to perform our work safely.

Sandia Women in High Positions of City Tournament

Members of the Coronado Club's "Jewette League" placed in the money at the recent city tournament for women bowlers.

Mary Scalzitti, wife of Nick Scalzitti, 2414, copped top honors and emerged as city champion.

Mary and Evelyn Ricard took first place in scratch doubles and fourth spot in handicap doubles.

In team events the Onyx girls placed third. Onyx members include Rose Hainlen, Petie Fink, Pat Horne, Jean Engels and Julie Sensel.

Rose Hainlen and Julie Sensel took sixth spot in handicap doubles, Jean Engels and Marian Muchowski, 15th and Jodie Frizzell and Marian Dixon, 23rd.

Erma Fauerbach placed 13th in the handicap singles and Julia Sensel, 20th. Evelyn Ricard was 24th and Julia Dadian 43rd.



Photo by Laskar

FIRST WINNERS of the Friday Ping Pong Tournaments in Bldg. 892 were Don Harrison, 2225-1, left, and Gene Lucero, 2231. Five teams played in the noonhour doubles matches. The tournaments will be continued and plans are underway for 892's winners to challenge teams from other locations in the tech area.

Study Color Shots at Camera Club Meeting

Advice on "Traveling With Your Color Camera" will be given to members of the Cactus Camera Club at their meeting Friday, Mar. 26. Sandia members of the club, James Poindexter and Richard Hodges, both 2462-1, and Daniel Alvino, 1641, report that the speaker will be C. A. Kinsley of Eastman Kodak Co.

His talk will contain many picture-taking suggestions for color photography. All points discussed will be illustrated with color slides which he has taken on trips throughout United States.

Radio Club Meets In New Quarters

Jim Stueber, 1521, vice president and program chairman of the Sandia Base Radio Club, wishes to remind members and their guests of the club's new meeting place.

It is in Bldg. 364, a permanent structure, located on H Street, two blocks west off Main St. Next meeting of the Radio Club will be at 8 p.m., Monday, March 22.

Welcome! Newcomers

A welcome is extended to the following newcomers who joined Sandia Corporation between February 18 and March 3:

Roger S. Rhodes	1242
Walter W. Walker	1320
Ellen C. Freeman	1552
Wilson M. Payne	1612
Alice T. Goss	1622
Kenneth E. Helmstadter	1622
Raymond D. Knight	1641
Walter A. R. Schmedt	1931
Nathan W. Eytcheson	2124
Robert A. Ficke	2234
Beverly O. Stranch	2353
Paul A. Begin	2452
Robert K. Boggs	2452
Robert Lee Boyles	2452
James C. Farmer	2452
Charles R. Freund	2452
Johnnie P. Harlow	2452
Lewis C. Pearl	2452
Wedell W. Thomas	2452
Melquiades Sanchez	2461
Pauline L. Van Delinder	2461
Cleve E. McCoy	2483
Mary C. Reid	2531
Robert H. Wickersham	2545
George W. Revels	2561
Mary E. Bucklew	3151
Shirley J. Stokes	3160
Anna B. Newbill	3171
Ruth L. Rickeman	4222
John R. Hoffman	5143

Basketball Standings

"A" LEAGUE		
Teams	Won	Lost
Hoosiers	12	1
Wildcats	11	2
Boilermakers	10	2
Spartans	9	3
Gophers	8	7
Irish	7	6
"B" LEAGUE		
Buckeyes	6	7
Hawkeyes	5	8
Hilltoppers	4	7
Illini	4	10
Badgers	1	12
Wolverines	1	13
TOP TEN PLAYERS		
Paul Jennings, Wildcats	FT	FG Total
Al Schonberg, Boilermakers	11	75 161
Frank Comiskey, Spartans	13	67 147
Charlie Monroe, Wolverines	20	61 142
Harold Thomas, Wildcats	9	66 141
Eloy Barala, Buckeyes	27	63 133
Roland Kurth, Wildcats	16	51 118
Boilermakers	21	48 117
Wayne Hancock, Hoosiers	15	49 113
Lee Schulz, Gophers	20	45 110

Mountain Club Planning Visit to El Moro Sunday

Inscription Rock at El Moro National Monument is the scheduled hike for Mountain Club members Sunday.

Destination of the day is about 40 miles beyond Grants so those attending the outing are asked to meet at 7:30 a.m. in Robinson Park, and "don't forget the lunch and water."

Invite Fish Fanciers To Aquarium Society Meeting This Evening

The Albuquerque Aquarium Association will hold its March meeting tonight at 7:30 p.m. at the Manual Arts Building, Albuquerque, High School.

Dr. Howard J. Dittmer of the University of New Mexico Biology Dept. will be the featured speaker and will exhibit colored slides on aquatic plants. All fish fanciers are invited to participate in the meetings. Information may be obtained from "Spike" Coombe, ext. 22256.

Circle-10 Marksmen Welcome Sandians to Compete in Matches

Circle 10-ers invite Sandia marksmen to join them in pistol matches which will be scheduled once or twice a month hereafter, Roy Brett, Circle 10 president, announced this week.

The matches are being held in the National Guard Armory. Roy, and Robin Kelly, both 2452, will welcome entries from any interested marksmen.

Employees' Daughter Earns Full Scholarship For Nursing Education

Lucy Ann Catallo, daughter of Mary and Joseph Catallo, has been awarded a four-year scholarship to



Lucy Ann Catallo—a nursing profession—

Michael Reese School of Nursing in Chicago, an affiliate of the University of Illinois.

Lucy, a scholastic leader in her high school at Raton, N.M., will receive a B.S. degree in addition to becoming a registered nurse after completing work at Michael Reese. She received one of the two full scholarships offered annually by the school.

Mary Catallo works in 2419 and Joseph in 2412.



PARTICIPATING in the softball game between Divisions 1641 and 1643 were these Sandians. Back row, L to R, Bill Maquire, Allen Brewster, Gene Daniels, Charles Sanchez, Wayne Cyrus, Lewis Sullivan and Jim Clemons. Front, L to R, Joe Duben, Stan Torres, Vince Melillo, Art Huchamala, Chris Padilla, "Tooter" Casper, Querin Simon, Joe Kavanaugh, Juan Abeyta and Bert Ferris. The team from 1641 won the game, 25 to 24.