



# SANDIA LAB NEWS

published every other Friday for the employees of sandia corporation, contractor to the atomic energy commission

Vol. 8, No. 20

Albuquerque, New Mexico

October 5, 1956

## Approve \$5,000,000 Building Project for Livermore Branch

Plans are being drawn for a \$5,000,000 permanent facility for the Livermore Branch of Sandia Corporation, the Atomic Energy Commission and Sandia Corporation announced today.

The Corporation began to set up its Livermore Branch late last year to work with the University of California Radiation Laboratory at Livermore on the design and development of atomic weapons.

### Expansion Expected

The Livermore Branch now is using UCRL facilities. The permanent facility is needed because substantial expansion of the Branch is expected over the next few years, with a total of about 1,000 employees.

The site for Sandia's Branch is a 50-acre area on East Avenue and Christians Lane, across the road from UCRL a few miles east of Livermore. Seven buildings are included in the first phase of the building program.

An architectural firm will be selected to prepare plans and inspect construction of the buildings.

The construction, which will take about a year to complete, is expected to get underway in late 1956 or early 1957.

### Seven Structures

The presently planned structures are:

A central steam plant of 8,000 square feet.

An office and laboratory building of masonry construction, two-story, 69,000 square feet.

A security and personnel building, one story masonry construction; 17,000 square feet.

Shop building, one story masonry construction, 54,000 square feet, for fabrication of models and prototypes required by the Branch's developmental work.

Environmental Test Building of one story where systems and components can be tested to in-

sure their satisfactory operation in all environments of the world. Warehouse, one story masonry construction, of 40,000 square feet.

A service station and motor pool shop, prefabricated metal building of 5,000 square feet.

### Mr. Howarth Speaks To 2 Welfare Groups

Max H. Howarth, Sandia Corporation Vice-President and General Manager, will participate in programs of two charitable groups in the next few days.

Oct. 9 he will speak before a tri-state meeting of executive secretaries of the American Red Cross at a meeting in Santa Fe. Mr. Howarth has been active in Red Cross work in several cities where he has lived while employed by Western Electric Company.

Oct. 11 he will take part in a panel discussion planned for the annual meeting of the New Mexico Council of Social Welfare. He will discuss the experience of Sandia Corporation with physically handicapped employees. The meeting will be at the University of New Mexico.

### George Volda to Read Printed Circuits Paper At BTL Symposium

George Volda, 1462-1, will present a paper at a Bell Telephone Laboratories' sponsored Symposium on Printed Circuits Oct. 16 in Whippany, N. J.

"Application of Thin Printed Wiring Laminates in Electronic Packaging" is the title of the paper. It discusses types of materials, availability, conductor-laminate, bond strength properties, shaping characteristics, and processing and operating stability.

### R. W. Henderson Named to DOD Advisory Panel

Sandia Corporation's Director of Sandia Development, R. W. Henderson, was recently appointed to the Technical Advisory Panel on Atomic Energy.

The announcement was made in Washington by C. C. Furnas, Assistant Secretary in charge of Research and Development, Department of Defense.

The panel was originally made up of eight members who served for indefinite terms. Mr. Henderson became the ninth member.

### Two Sandians Serve On Drive Committees

James W. McRae, President of Sandia Corporation, is serving as co-chairman of the Government Division of the Albuquerque Community Chest United Fund Drive.

Mr. McRae has served on the committee for the past year acting as campaign coordinator for the Atomic Division during the 1955 campaign. He also was a member of the Chest Budget and Consolidation Committee last year.

T. B. Sherwin, supervisor of the Corporation's Public Relations Division, 3125, is in charge of public relations for the Albuquerque campaign. This is the third year he has been active in Albuquerque Community Chest work, serving on the publicity committee for the campaign for the past two years.

### Jingle Dance Cancelled

The United Fund Jingle Dance scheduled for the Coronado Club Oct. 20 has been cancelled. Rules for a jingle contest and an impressive list of prizes will be announced in a special issue of the Sandia Lab News Oct. 15.



WESTERN ELECTRIC'S new president, Arthur B. Goetz, left, with his predecessor, Fred R. Kappel, who has recently become president of nation-wide American Telephone & Telegraph Company.

## Goetz New President WE; Kappel Elected Head AT&T

Arthur B. Goetz, formerly vice president-manufacturing, Western Electric Company, has been elected president of Western Electric succeeding Fred R. Kappel, who has been elected president of A.T. & T.

Western's new president began his Bell System career in 1917 when he entered the Company as a draftsman in the Hawthorne Works at Chicago.

In 1942 he became personnel director, and in 1948 was named works manager of Tonawanda, the 42nd Street Shops, and Allentown. The next year he became works manager of Point Breeze.

In 1949 Mr. Goetz was named vice president of the Chesapeake and Potomac Telephone Companies. He returned to Western Electric in 1952 and in 1954 became vice president-finance. A member of the Board of Directors since 1953, he assumed his position as vice president-manufacturing on May 1 this year.

Mr. Kappel, who has been president of Western Electric Company since 1954, started his telephone career as groundman with Northwestern Bell Telephone in 1924.

In 1949 he joined A.T. & T. becoming vice president in charge of Operation and Engineering, the position he left to become Western Electric president.

Mr. Kappel succeeded Cleo F. Craig, president of A.T. & T. since 1951, who has been elected chairman of A.T. & T.'s Board of Directors. A veteran of 43 years in



Cleo F. Craig  
—Heads A. T. & T. Board—

the Bell System, Mr. Craig's career began as an equipment man in St. Louis. He rose through various positions until he became vice president in charge of long lines in 1940. The following year he moved to A.T. & T. and served there in various positions.

Mr. Goetz is succeeded as vice president-manufacturing, by Paul A. Gorman, who has been vice-president-finance.

Paul R. Brouse, comptroller of the Company's manufacturing Division, was elected vice president-finance to succeed Mr. Gorman.

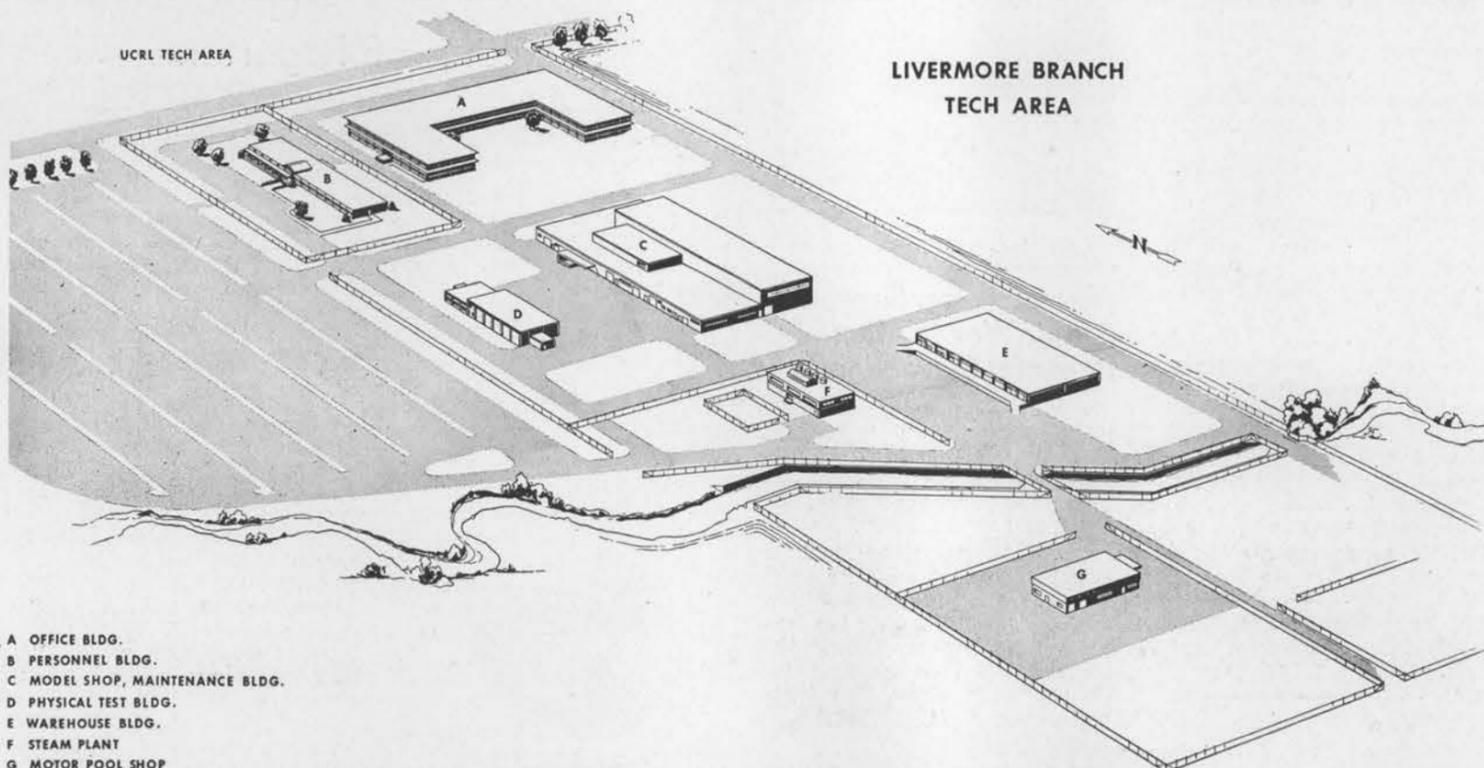
### Cars Operating on Sandia Base Must Have 'Brake' Sticker

Beginning Oct. 15, all privately owned motor vehicles registered for operation on Sandia Base must have a New Mexico safety inspection sticker, the Provost Marshal announces.

Safety inspection requirements of New Mexico are the same as required by Sandia Base. Owners of vehicles registered in states which do not have a requirement for issuing safety certificates or stickers each six months or oftener are advised to obtain a New Mexico safety sticker ("brake and light sticker") for their cars.

### J. W. Reed Elected Chairman of Local Meteorological Group

Jack W. Reed, 5111, is the newly elected chairman of the Albuquerque Chapter of the American Meteorological Society. H. S. Mansion, U. S. Weather Bureau, is vice-chairman and W. F. Denham, 5243, is secretary-treasurer.



- A OFFICE BLDG.
- B PERSONNEL BLDG.
- C MODEL SHOP, MAINTENANCE BLDG.
- D PHYSICAL TEST BLDG.
- E WAREHOUSE BLDG.
- F STEAM PLANT
- G MOTOR POOL SHOP

LIVERMORE BRANCH activities of Sandia Corporation will be centered in the new Technical Area which is to be built in the near future. An architectural firm is being named to prepare the plans.

Construction, which will take about a year, will begin in late 1956 or early 1957. Seven buildings are included in the first phase of the building program south of the UCRL Technical Area.



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**Telephones**  
Sandia Base 6-4411  
Ext. 25253, 26135

Office: Room 10, Bldg. 829, Employee Services

Cherry Fellner, Don Graham, Assistant Editors  
Robert S. Gillespie, Editor



## 11,300 Reasons Why—

Fire Prevention Week comes once a year and in recognition of the occasion the **Sandia Lab News** usually discusses the situation in this column with an editorial. We have in the past quoted some rules, cited some statistics, listed some cautions and put the question to rest for another year.

The rules, statistics, and cautions are important and if mentally digested adequately carry a grim lesson. In mulling over the figures given us by Sandia Corporation's Plant Engineering Department we read that there are 750,000 building fires each year, each day there are 1,200 home fires, 14 schools have fires on an average day, and there are even four hospital blazes on an average day.

Then we note that 31 people die in fires daily—that is some 11,300 annually.

Take all Sandia Corporation employees, and one member of each of their families, crowd them into a building and burn it to the ground, let no one escape, and there you have the equivalent loss.

Sandia's fire prevention officials point out that most of the deaths by fire tragically involve women and children in the home. Many are suffocated by smoke and fire gasses without actually being burned. Numerous deaths are caused by people falling asleep while smoking or reentering burning homes to rescue pets and personal possessions.

There are many reasons for observing fire prevention activities all year long. As we see it, there are at least 11,300 of them.



## Weddings

At an evening ceremony tomorrow, Betty Furry will marry George L. Bosworth of New Orleans at the home of her parents, 5208 Cherokee Rd., N.E.

Betty has been with the Corporation a year, first in the typing pool and now assigned to 5241.

Following a honeymoon in Las Vegas, Nev., and California the couple will make their home at 5312 Mescalero Rd., N.E., Albuquerque.

Peggy Haner will marry Dr. R. G. Baird, Jr., of Albuquerque, at 4 p.m. today in the First Presbyterian Church. Dr. Everett King will solemnize the double ring ceremony.

Peggy works in Development and Results Division 3154, Employment and Personnel Department and has been with the Corporation for nearly six years.

Following a honeymoon at Las Vegas, Nev., the couple will be at home at 500 Girard, S.E., Albuquerque.

Della Davis, 2111-1, and John K. Wells of Albuquerque were married Sept. 11 at Los Lunas.

John formerly worked for the Corporation in 2132.

The couple is now living at 217 Marble, N.W.

A surprise miscellaneous show-er was held at noon, Sept. 18, in Bldg. 840 by Della's co-workers. A bride's cake and coffee were served.



## Congratulations

### Born to:

Mr. and Mrs. Ray Pierotti, 1217, a son, Nicholas James, Sept. 16.

Mr. and Mrs. M. G. Oberst, 1463-1, a son, Jack David, Sept. 19.

Mr. and Mrs. E. E. Ives, 1262, twins—a son, Kenneth Eugene, and a daughter, Dorothy Kathleen—Sept. 13.

Mr. and Mrs. Manuel Anthony Chavez, 4135, a son, Donald Anthony, Sept. 23.

Mr. and Mrs. Ward Hunnicutt, 2441, a son, John Carl, Sept. 24.

Mr. and Mrs. Kenner F. Hertford, AEC-ALO Manager, a daughter, Anita Fromme, Sept. 26.

Mr. and Mrs. Dwayne Fry, 2551-1, a son, Charles Gordon, Sept. 20.

Mr. and Mrs. Meloy F. Hansen, 2551-2, a son, Douglas Scott, Sept. 17.

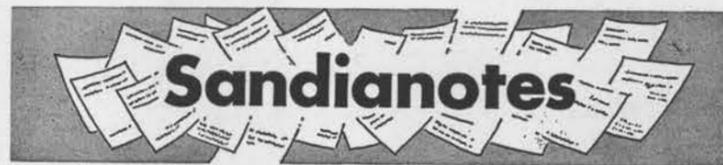
Mr. and Mrs. Bennet L. Basore, 1454, a son, Paul Alan, Sept. 27.

Mr. and Mrs. Fidel Chavez, 2121-2, a daughter, Veronica, Sept. 14.

Mr. and Mrs. William A. Jenkins, 7422, a daughter, Arden, Sept. 17.

### PTA Officer

The Sandia Base School Parents-Teacher Assn. held a special election recently and voted Bill Jemison, 1264, vice-president for the school year.



### Teach at University

A Sandia newcomer, Elizabeth Wells, 5242, is teaching Intermediate Algebra Monday and Wednesday evenings at UNM. Elizabeth, who came to Albuquerque in May, reports her class is almost overflowing.

She previously taught at the University of Oklahoma while attending graduate school.

Another part-time Sandia teacher is Bill Carstens, 7223, who is conducting an evening class at UNM in Freshman English.

Due to the unusually large attendance at night classes of the University of New Mexico, Don Morrison, 5121, has been added to the staff.

Don is teaching a course in Advanced Calculus Tuesday and Thursday evenings.

### New Home

Walt Wood, 5122, and his family recently moved into a new home at 2514 Cagua, N.E.

### Wedding Anniversaries

Celebrating their 20th wedding anniversary last month were Henry H. Dancy, Jr., 2711, and his wife, Jane, 2461. Friends were invited to their home to help them observe the occasion.

Mr. and Mrs. Glenn H. Monette, 2711, will mark their 12th wedding anniversary tomorrow.

### Folk Festival

The Barel Community Center will hold its second annual folk festival at Tingley Field Sunday, Oct. 21, from 2:30 to 4:30 p.m.

The festival is designed to promote intercultural understanding and is sponsored by the City Parks and Recreation Dept., Barel Community Center and the Albuquerque Chapter of the American Association for the United Nations.

Persons wishing to participate should contact Anne Neprud, Alb. 2-0323.



### Typist Tips

## New Secretary Suggests Simple Way to Align Paper for Correction

A newcomer to secretarial ranks is Sarah Martin, who is assigned to 1456. She has been with the Corporation a year but has been working in Inspection Control Division 2731 until recently.

Sara's favorite typing trick is a way to correct an error after the paper has been removed from the machine. She makes the erasure, puts the paper back in the machine and lines up the letter as well as she can. The typewriter is set on "stencil" and Sara strikes the key gently.

If the alignment is accurate she sets the machine back on "black" then backspaces and hits the key with usual pressure.

### Square Dance Class

Yucca Square Dance Club, composed mainly of Sandians, will sponsor instruction classes starting Wednesday. The first lesson will be free, a nominal charge will be made for the additional classes.

Instruction will be given each Wednesday at 6:30 p.m. at the Woman's Club, 618 Gold Ave. SW.

Additional information may be obtained from Cleo Hughes, 7311, Alb. 9-5054.



### Woman of the Year

A Sandia art illustrator has been chosen "Woman of the Year" by the Albuquerque chapter of American Business Women's Association.

As an outstanding local woman, Helen Batchelor, 2463, will attend the group's national convention in Denver Oct. 19, 20 and 21.

Helen has belonged to the Albuquerque chapter two years and previously was a member in Indianapolis. The national group is educational in purpose and provides scholarships for worthy young women.

Helen's work at Sandia Corporation includes illustrating technical manuals as well as general art work.

### Bear Baggers

Organization 2452 seems to have a corner on the local bear market. Sam Baca listened too long to the hunting stories of three other members of 2452 who bagged bears recently. Sam went off to the Pecos wilderness country and shot a 450 lb. black bruin.

## Speaking of Reporters

This is another in a series of articles telling about the volunteer reporters of the Sandia Lab News.

A frequent contributor of feature ideas for **Sandia Lab News** stories is Deana Ward, 7225-4 assigned to Drafting Division B, 7412. Situated in the "center of things" in Rm.



## E. R. Butler Dies After Brief Illness

Eugene R. Butler, 34, an AEC employee for six years, died suddenly Sept. 27 in Albuquerque.



E. R. Butler

He was Assistant Director of the Non-Nuclear Division, Office of Manufacturing, ALOO.

Eugene became ill Sept. 24. Two days later his illness was diagnosed as polio.

He came to the AEC in Albuquerque in 1950 from the Army Chemical Center in Hagerstown, Md.

Surviving are his wife, Mary Lou, and two sons, Brian and Robbie, who reside at 8406 Los Arboles Rd., N.E.

## Sympathy

A former Sandia Corporation employee, Mrs. Marjorie Faye Vance, died of cancer Sept. 7 at the Pensacola Naval Hospital in Florida. She was 23.

Mrs. Vance terminated her employment here in November, 1953.

Survivors include her parents, Mr. and Mrs. Melvin Wiggins of Albuquerque, and her husband, Chief Electronics Technician Benjamin Vance, who is stationed at Pensacola.

To Leo P. Navoda, 1612, for the death of his wife, Dorothy, in Albuquerque Sept. 18.

To Guy Coburn, Jr., 7215, for the death of his mother in Albuquerque, Sept. 23.

To B. R. Daubert, 1611-1, for the death of his father-in-law in Virginia, Sept. 26.

### Get-Well Wishes

Get-well wishes are extended to the wife of Dave Kleincke, 5121, who recently returned from San Francisco where she underwent surgery.

Quick recovery also to Wayne Davis' four-year-old son Robert, who is recovering from surgery. Wayne is in 5123.

Genevieve Gillespie, 2321, has returned to Albuquerque from Denver after undergoing her second major operation in recent months.

Organization 2711 extends get well wishes to Eduardo Chavez and Alfonso Lujan.

Also recovering from a recent operation is Dan Grim, 2552-3.

G. H. Bruington, 1611-4, is convalescing at home from a recent operation.

Back on the job after a recent illness is Craig Summers, 2222.

53 of Bldg. 880, Deana's desk is located so she surveys the large drafting room which gives ample opportunity for her to keep her eyes peeled for interesting items for the paper.

A relative newcomer to reporting Deana is enjoying her job. "I like people," she says, "and the things that interest them."

Deana's primary off-the-job interest is music. She sings with the Sand-Tunes, a women's trio that performs with the Sandiallers vocal group. In her hometown of Little Rock, Ark., she was active in church choirs, and sang with school vocal groups.

Deana came to Albuquerque when her husband, Joe, was stationed at Manzano Base. She has been employed at Sandia for about a year and a half.

The couple plans to return to Arkansas when Joe is discharged from service and live on a farm. "We know we'll like it," Deana says, "Joe plans to be a veterinarian and we both love animals."



**STUDY SESSION**—Camp Fire Girls meet in the home of their sponsor, Helen Romero, wife of Eddie Romero, 2411, to work on Memory Books—accounts of Camp Fire activities. Left to right are Pamela Micker, daughter of CWO C. N. Micker, Sandia Base; Mrs. Romero; her daughter Kathleen; Patti Emerick, daughter of Don Emerick, 7122; and Judy Chavez, daughter of B. P. Chavez, 4131.

## Monday Is Last Day to Register For Nov. Election

Monday, Oct. 8 is the last day for registering to vote in the general election scheduled Nov. 6. Registration information may be obtained from the Bernalillo County Clerk's office, telephone Albuquerque 7-0111, ext. 33. The Clerk's office in the Court House will be open tomorrow from 8 a.m. until 12 noon. There are numerous locations open this evening for voter registration, including all East Central Branch banks, until 6 p.m.

Eligibility in New Mexico for voting requires that a citizen be a resident of the state for one year, a resident of the county 90 days and the precinct 30 days prior to the election date.

Sandia employees who will be serving as judges and clerks of election are reminded of the Corporation's policy of differential pay. Anyone excused from work to serve at the polls as an election official will be paid the difference between the \$10 compensation received for election board service and his regular wages.

However, representing a party at the polls is not considered as basis for differential pay.

## Charles Runyan Heads City Figure Skaters

Charles Runyan, 2120, is the newly elected president of the Albuquerque Figure Skating Club. Two other Sandians were elected officers of the club recently.

Ken Kearns, 7241, is vice-president and John McLay, 1432, was elected to the Board of Directors.

Membership in the club is open to adults, teen-agers and children. More than 400 junior members are on the rolls of the club. Skating sessions are arranged at the Ice Arena with professional instruction available.

Anyone desiring membership information may contact the office of the Skating Club, Albuquerque 6-6030.

## Tool Engineers to Meet At Hilton Hotel Oct. 9

"Metallurgical Aspects of Sub-Zero Treatment for Tool Engineering" will be the topic discussed at a meeting of the American Society of Tool Engineers Tuesday, Oct. 9, at the Hilton Hotel, Herb Anderson, 7412, reports.

R. P. Stemmler, sales manager of the Los Angeles office of the Vanadium Alloys Steel Co., will present the talk. The group will meet for dinner at 7 p.m. and the meeting will begin at 8 p.m.

Reservations for the dinner are available from Clarence Myer, 7412, ext. 22252, or Fred Williams, 2532, ext. 26141.

## Sandia Corporation Service Awards

### 10-YEAR PIN



Samuel L. Johnson  
7320  
Oct. 18

### FIVE YEAR PINS

Oct. 5-11

W. W. Olheiser, Jr. 2415, George J. Pasko 2711, Earl A. Sherwood 7412, Gladys A. Stumpf 2713, William B. Trehan 2412, Eldon W. Upchurch 5232, Elwyn R. Clark 5512, James W. Courtin 2151.

Albert M. Mares 2351, Gertrude B. Mora 2451, Martha B. Andrews 4151, Donna P. Volkman 2464, E. M. Chavez, Jr. 2711, Joe G. Chavira 2232, Don M. Lucas 2313, Bernice S. Armour 4135, and Mary L. Goolsby 7225.

Oct. 12-18

Vernon E. Arnold 1621, Morris R. Goebel

### TWO YEAR CERTIFICATES

Oct. 5-11

Deris L. Galloway, 2471, Esther L. Vigil 2333, Gloria M. Gonzales 7231, Howard H. Wicke 5123, Maxine E. Gatlin 3153, Norman L. Zirwas 2711, Johnnie P. Chandler 2452, Marvin R. Hunt 4135, Norma J. Voitle 2451, C. S. Williams, Jr. 1431, John R. Wilkinson 1441, Asher D. Kantz 5133, Jose A. Chacon 7311.

George F. Miller 7412, Betty Lou Reddy 7225, R. M. Stolzenberg 2713, Frank J. Suazo 2419, Stephens J. Taday 2152, Colleen R. Nelson 7225, Lily A. Katzenstein 4135, and Thomas T. Kirtley 2721.

Oct. 12-18

Joan M. Blodgett 2222, Barbara L. Kerr, 7225, Joseph F. Calek 3124, Sigrid O. Nissen 2533, James R. Olivas 2461, M. H. Howarth 100, Tony Garcia 2461, Jerome P. Rynders 1471, Jesse C. Bozone 5523.

John I. Malpas, Jr. 2152, J. O. Odle 2411, Cecelia R. Pacheco 7225, Hazel E. Prutsman 4131, James H. Brewer 2713, Emilio Chavez 2452, James J. Clemons 7412, and George W. Henfling 7231.

## Professional R Group E Activities

### Information Theory

The Professional Group on Information Theory will meet Oct. 11 at 8 p.m. in the Electrical Engineering Bldg. on the University of New Mexico campus. Dr. B. L. Basore, 1412, will continue his series of lectures to the group on the vocabulary of Information Theory.

### Joint Meeting

A joint meeting of the Professional Group on Micro-Wave Theory and Technique and the Professional Group on Antennas and Propagation will meet Oct. 17 at 8 p.m. in the student lounge of the UNM Electrical Engineering Building. George A. Arnot, 1423, will discuss the subject "Ferrites."

## Bendix Official on IRE Program Here

Howard K. Morgan, director of Commercial Aviation Systems of Bendix Aviation Corporation, Detroit Division, is scheduled to speak at a meeting of the Albuquerque-Los Alamos Section of the Institute of Radio Engineers Oct. 25.

Mr. Morgan will talk on the subject of Air Traffic Control. He is a past vice-chairman of the Radio Technical Commission for Aeronautics and is now an advisor to the Commission on Electronic Systems.

## Sandians Help Produce Motion Picture for United Fund Solicitors

Several Sandia Corporation employees have played a part in producing a training film for United Fund solicitors in Albuquerque.

Thomas E. Zudick, Public Relations Division, 3125, was director-producer of the film which is called "Operation Solicitation." One of the actors was Roseanne Bascom, Employee Services Division, 3122.

James Karo and Robert A. Matthews, both of Sandia Corporation Motion Picture Division, 2465, did the photography using equipment and film provided by KOB-TV. Technicians from KOB-TV handled lighting and sound details.



**PRODUCER-DIRECTOR** Thomas E. Zudick, 3125, right, has completed work on a training film for 1956 United Fund Drive solicitors. Left is Edward E. Colby, Albuquerque attorney, who is featured in the movie along with several other Albuquerqueans.

## H. F. Dodge of BTL On ASQC Program

Harold F. Dodge, Quality Results Engineer for Bell Telephone Laboratories, Inc. heads a two-part program scheduled for the Albuquerque Section of the American Society for Quality Control meeting Oct. 8.



Jack Wiesen, 5125, will conduct an educational session beginning at 7:30 p.m. in Mitchell Hall, UNM. He will discuss a paper written by Herbert C. Batson, Department of Public Health, University of Illinois College of Medicine.

"Applications of Factorial X<sup>2</sup> to Experiments in Chemistry," is the title of the paper to be discussed. It was published in the 1950 ASQC National Convention Transactions.

"Continuous Sampling Plans" is the title of the talk to be given by Mr. Dodge at the general meeting of the group at 8:15 p.m. He is a pioneer in the development of statistical control.

Mr. Dodge is the author of many papers and articles dealing with sampling inspection and statistical quality control and is joint author of a book, "Sampling Inspection Tables." Since 1950 he has been a Quality Assurance Consultant to Sandia Corporation.

## UNM Professor to Discuss Boiler Code Before AWS Members

The city boiler code will be the topic for discussion at a meeting Oct. 11 at 7:30 p.m. of the American Welding Society, Tom Dadian, 2713, reports.

A. G. Ford, UNM professor and member of the State Boiler Committee, will be the speaker for the occasion. The group will meet in the Civil Engineering Bldg. on the University of New Mexico campus.

## ISA Meets Oct. 8

The Albuquerque Chapter of the Instrument Society of America will meet Oct. 8 at the Dale Products plant at 5400 Acoma Road SE at 7:30 p.m.

"Problems Concerning Balloon Instrumentation and Electronic Hit Indicators" will be the title of a talk presented by Paul Bennewitz, Dale Products, Inc.

Following the talk the group will tour the plant.

## Community Chest Agency

## Campfire Girls Provide Recreation For 1200 Albuquerque Youngsters

This is another in a series of articles telling about the agencies of the Albuquerque Community Chest and the help Sandians are providing in year around work with these organizations.

Combining fun, friendship and high ideals, the Camp Fire Girls, an agency of the Albuquerque Chest, offers a program of recreation and guidance to 1200 girls in Albuquerque.

The budget of the organization is entirely dependent on the contribution of the Community Chest. Last year the Chest contribution was \$7200. This year the Camp Fire Girls are requesting \$11,000 to expand facilities and staff. Mary Ann Vance, executive director, reports.

The Camp Fire Girls' program is broken into three age groups—Blue Birds for girls 7 to 10, Camp Fire Girls, ages 10 to 14, and Horizon Clubs for girls of high school age to 18.

Mrs. Helen Romero, wife of Eddie Romero, 2411-2, is the sponsor of a Camp Fire Group. Their daughter, Kathleen, 9, recently progressed from the Blue Birds to the intermediate group.

As a sponsor, Mrs. Romero has arranged for her group to take educational field trips, go on hikes and camping trips, and directed projects such as rolling bandages for the County Indian Hospital and mailing seeds overseas.

Personality development is the primary objective of the Camp Fire program. The girls share responsibilities and learn cooperation with others. Skills in crafts, music, homemaking and sports are stressed.

The Horizon Clubs stress citizenship, group activity and individual development. Fashion clinics are held with discussions on glamour. Career counselling is an important part of this program.

All of the Camp Fire activities are aimed toward developing spiritual character, love of home and country, skill in human relationships, and readiness to serve.

## Atom Blast Tolerance Subject of Talk to AOA, AIIE Members

A joint meeting of the American Ordnance Association and the American Institute of Industrial Engineers is scheduled Oct. 18 at 7:30 p. m. in Rm. 101 of Mitchell Hall, UNM.

"Physiological Tolerance to Atom Blast Effects" is the title of a slide presentation to be made by Dr. Donald Richmond and R. V. Taborelli, staff members of the Lovelace Clinic Foundation for Medical Education and Research.

## Storage Effects on Electronic Equipment Discussed by Kelsey

Harlan P. Kelsey, 5512, recently presented a talk to the Aircraft Industries Association in Camden, N. J.

Mr. Kelsey discussed "Effects of Storage Upon the Reliability of Electronic Equipment." This was a preliminary report of work done as chairman of Task Group Eight of the Department of Defense Advisory Group on Reliability of Electronic Equipment.

## Tech Council Elects Officers for '56-'57

New officers for the 1956-57 term were elected by the New Mexico Council of Technical and Scientific Societies at the organization's recent annual meeting.

Larry Snodgrass, 2581-2, is the new president; R. D. Adair, Jr., Albuquerque, is vice-president; and Lee McKittrick, 1611, is secretary-treasurer.

Max Weber, 5120, was re-appointed editor of Tech activities magazine, with P. F. Meigs, 1264, associate editor, and Harry Holmes, 1621-2, advertising manager.

## SNT to Meet at Los Alamos Golf Club

The Society for Non-Destructive Testing will meet Oct. 17 at 6:15 p.m. for dinner at the Los Alamos Golf Club. The regular business meeting will follow at 8 p.m. in the Little Theatre at the Los Alamos High School. J. C. O'Neal, 5511-3, reports.

Speaker for the occasion will be P. J. Phelean, manager of X-Ray Products Division of the Dupont Corporation. Mr. Phelean will discuss a new technique of film intensification for use in X-Ray application.



DEMONSTRATION of fire extinguisher types and methods of using them is conducted during the year by Plant Inspection Division, 2442. Here Ted Rosenwald uses a dry chemical extinguisher on a flammable liquid fire as a Base Fire Department truck stands by to be used in a later demonstration.

## 1956 Fire Prevention Week Observed by Sandia Employees

Fire drills, fire extinguisher demonstrations, posters, displays, and building inspections will mark the observance of National Fire Prevention Week, Oct. 7-13, at Sandia Corporation, according to Ted Rosenwald, Plant Inspection Division, 2442.

"These activities will be reminders that all of us must be alert to the danger of fires," Ted says. "Although Sandia Corporation's record for fire loss this year is only \$10, three months remain before the year ends."

This loss was the damage to a tech area bus when its overheated motor ignited gas leaking from the carburetor and compares favorably to the \$740 fire loss Sandia suffered in 1955—another vehicle fire.

### Sandia Earns Award

A certificate of merit giving the Corporation thirteenth place in the industrial division was awarded Sandia for its 1955 fire prevention record by the National Fire Protection Association.

Two fire extinguisher demonstrations are planned during the week with the Base Fire Department. The first demonstration is scheduled Oct. 9 at 12:30 p.m. between Bldg. 880 and 892. A building fire will be simulated and the Base Fire Department will make a run, sirens screaming, from the tech area gate to the scene of the demonstration. After the initial blaze has been extinguished, various types of extinguishers and fires will be demonstrated.

The second demonstration is scheduled Oct. 11 at 12:30 p.m. north of Bldg. 802. It will be a repeat of the first demonstration.

### 34 Alarms Investigated

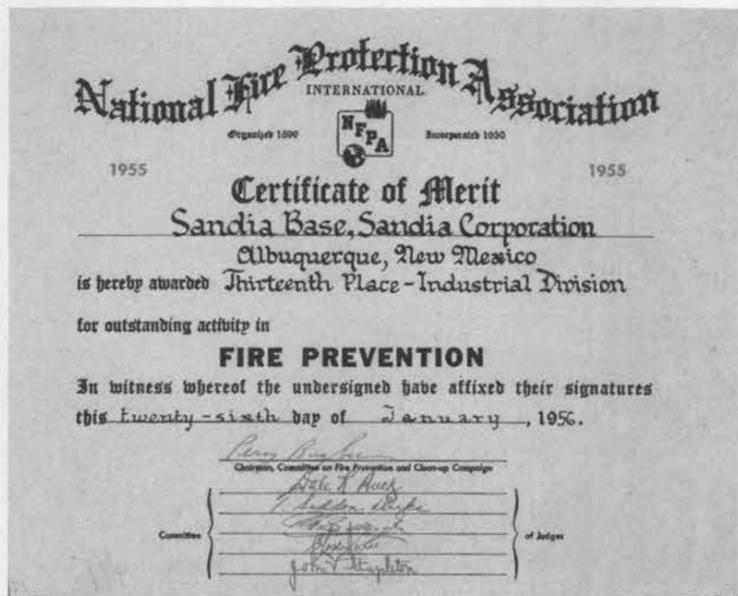
The Plant Inspection Division is responsible for fire prevention in the tech and AEC housing areas. Of the 34 alarms investigated since the first of the year, two were accidental and three were turned in by unknown persons.

Eight of the alarms were caused by electrical equipment and three were grass fires. Three alarms were caused by carelessness of smokers. The remainder of the alarms were caused by miscellaneous reasons such as sprinkler systems being accidentally activated.

"Carelessness is the greatest cause of fires," Ted said, "and carelessness is a constant enemy—11,300 lives were lost and \$885,218,000 in property was destroyed throughout the U. S. in 1955."

### Inspections Made

The Plant Inspection Division has conducted 465 inspections since Jan. 1, held 17 general orientation classes on fire prevention,



CERTIFICATE OF MERIT—This certificate giving Sandia thirteenth place in the industrial division was awarded the Corporation for its 1955 fire prevention record of only \$740 lost. With three months remaining, Sandia Corporation's fire loss totals \$10.

### Two Sandia Scientists Presenting Papers to Missile Symposium

R. O. Frantik and R. L. Calvert will read technical manuscripts at the Joint Military-Industry Guided Missile Reliability Symposium to be held at Redstone Arsenal, Huntsville, Ala., Oct. 15-17. Both are in Sandia Corporation's Reliability Evaluation Division, 1264.

Mr. Frantik will outline some of the major problems and progress made in reliability research at Sandia Corporation in his paper entitled, "Some Proposed Research Activities Pertaining to Reliability."

"Some Notes on the Estimation of Reliability" is the title of Mr. Calvert's manuscript.

and given four fire extinguisher demonstrations in an effort to promote awareness and preparedness for fire.

In addition, Plant Security Department, 2450, conducts continuous fire and safety inspections in the Sandia Corporation area during non-operational hours.

"Fire prevention is a year-around job," Ted says, "and requires the cooperation of everyone. Fire Prevention Week is just a reminder that the danger of fire is always present."

### The Inquiring Reporter Asks...

## What Do You Think of the United Fund?



Estelle Richardson, 1440: During the United Fund Drive last year I had the pleasure of serving as a solicitor for the campaign. I visited several of the agencies in Albuquerque supported by the United Fund and I came away with the feeling that one can never give enough to support this worthwhile cause. I think that everyone should dig deeply this year to support the United Fund. It's money well spent and even more than last year the money is needed.



Harold Houts, 2551: I am definitely in favor of the United Fund. It affords the opportunity to make one contribution which will go to 24 separate agencies instead of making separate contributions to each. Almost 95 per cent of all Sandia Corporation employees gave to the United Fund during the drive last year. This is an excellent record, but I think that with a little more effort this year we can make it 100 per cent.



Laurie Cook, 3152: I'm sure that there are many who will agree with me that the 24 agencies making up the United Fund are doing a wonderful job in aiding the needy in our community. In 1954 employees at the Corporation each gave an average contribution of almost \$7 to the Fund. Last year the figure increased to a little more than \$8. This year, if everyone would give an average of 50 cents for each agency, or a total of \$12, the total would go higher.

## Robertsons Make 20-Day Flying Trip To Former Home Town in Scotland

It had been 19 years since T. T. Robertson, Superintendent of Drafting and Specifications, had last seen his home town, Musselburgh, a town of 18,000 about five miles from Edinburgh, Scotland.

Mr. and Mrs. Robertson returned last month from 20 jam-packed days in Scotland, where both were born.

### Visited Mother

A highlight of the trip was visiting Mr. Robertson's 80-year-old mother who lives in a flat built by the town with special conveniences for occupancy by elderly people.

The Queen Mother made a tour of the apartments while Mr. Robertson was there and conversed with his mother. They found Queen Elizabeth extremely gracious and lovely.

The Robertsons attended several events at the Edinburgh Festival and Musselburgh was also observing the anniversary of its founding. Special festivities have been held there each 21 years since the 8th century.

During the opening event a "turf cutter" is appointed to tour the town's boundaries with a spade digging up turf and tossing it into the air declaring "It's all our own." A "town champion" accompanies

him to give protection against any challengers. The tradition dates back to the time when the crown deeded the land to the city.

### Historical Pageant

There was also a two and one-half hour historical pageant which Mr. Robertson described as similar in presentation to Albuquerque's own 250th Enchantorama.

The Mayor and Town Council held a reception for more than 100 townspeople who returned from all parts of the world for the celebration. The first person Mr. Robertson encountered among the "exiles" was an engineer from the Malay States whom he hadn't seen since school days.

After a five day visit in the West Highlands to see the heather in bloom on the hills, the Sandians flew back to New York. Mrs. Robertson is still visiting friends in New Jersey, their former home.

## Coronado Club Members Dance to Louis Armstrong's Music Oct. 14

Two bands, Louis Armstrong's and Tommy Kelly's, will entertain at the Coronado Club in the next two weeks. And for those members who are staying away from these top attractions because they don't dance well, dance instruction is being resumed at the club.

Louis (Satchmo) Armstrong, musical ambassador with trumpet, will present a top-notch show and dance at the club Oct. 14 from 8 to 12. On this night only, the entire club will be open only to ticket holders. Make your reservations early. Tickets for members are \$2.50 each, \$3.50 per guest.

## Tech Writers Hear UNM Professor on 'Why Tech Writing'

Dr. Norton B. Crowell, assistant professor of English at the University of New Mexico, will address a meeting of the Albuquerque Society of Technical Writers Oct. 15. The meeting will be at 7:30 p.m. in the Coronado Club.

"Why Technical Writing" is the title of his talk. During the past summer Dr. Crowell was a consultant to Sandia Corporation and conducted classes in technical writing for Corporation engineers.

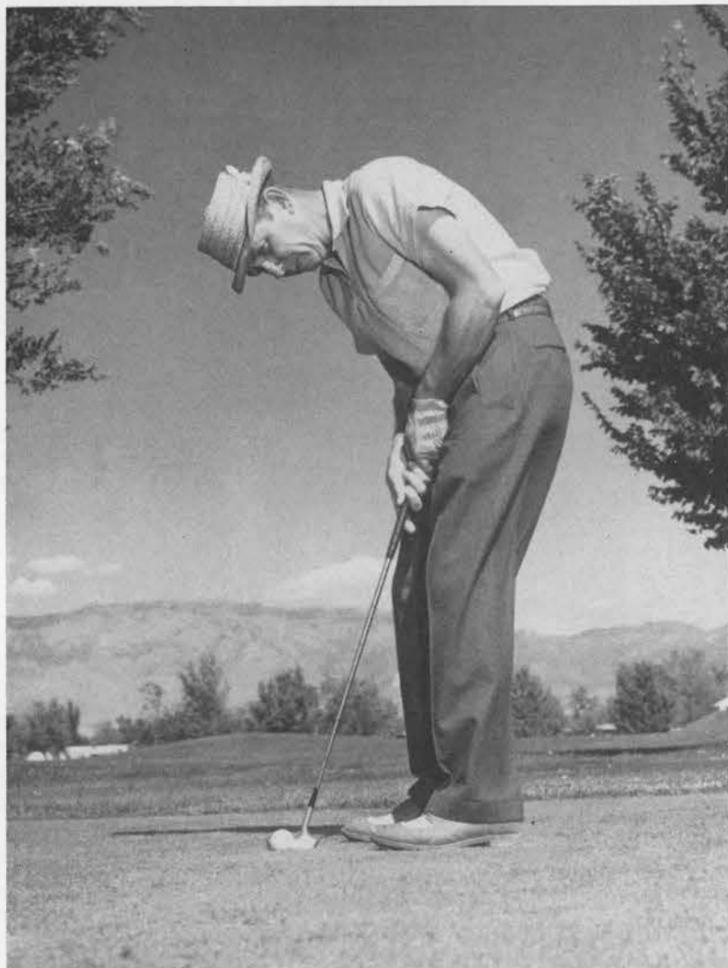
Anyone interested in attending the meeting is invited, Max Weber, 5122, program chairman, announces. Reservations may be obtained by phoning either Justin Heineman or John Cowan, 7123, ext. 21148.

Tommy Kelly and his popular dance band will be back at the club tomorrow night providing dancing from 9 to 1. Admission for members is 50c, \$1 plus tax for guests.

Dance instruction, offered at the club by Justin Heineman, 7123, and Gail Ward, 2463, is still available to club members who wish to brush up on their Terpsichorean talents.

The 10-week course in modern ballroom dancing covers all the latest in American and Latin American steps, with separate classes for beginners and intermediary students.

Classes for beginners will be held from 7 to 8:30 p.m. Mondays, and intermediary classes will meet from 8:30 to 10 p.m. Mondays. Charge for the 10 lessons is \$6 a person.



**STATE PUTTING CHAMPION—John Olson, 7421-1, recently walked off with the putting championship of New Mexico from the State Golf Tournament held in Carlsbad. He defeated 206 entrants.**

## Volleyball Play In Sandia League Starts Monday

Twelve teams of the recently organized Sandia Employees Volleyball Association will begin league play Monday, Oct. 8. League officials have been elected and the first week's schedule has been set.

Don Wader, 2231, heads the league as president. Tom Kelly, 2551, was elected vice-president and Howard Reese, 2132, is commissioner.

Games will be played on Monday, Tuesday, and Wednesday evenings in the old gymnasium located on the southeast corner of Main and F streets.

Three games will be played each evening beginning at 7:00, 7:45, and 8:30 p.m.

Schedule for the first week is as follows:

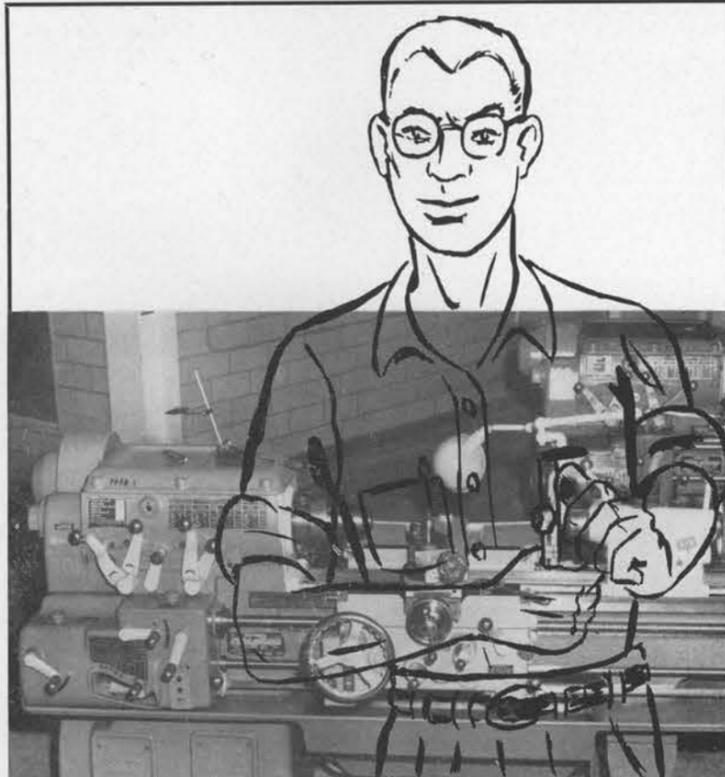
MONDAY, OCT. 8		
7:00	.....	2100 vs 1400
7:45	.....	5200 vs 7100
8:30	.....	1600 vs 7200
TUESDAY, OCT. 9		
7:00	.....	2400 vs 2500
7:45	.....	2200 vs 1200
8:30	.....	5100 vs 5500
WEDNESDAY, OCT. 10		
7:00	.....	7100 vs 7200
7:45	.....	1400 vs 1600
8:30	.....	2100 vs 5200

## Lee Deeter Elected VP District 8 of ISA

E. L. Deeter, 1440, was elected vice-president from District Eight of the Instrument Society of America recently at the organization's instrument-automation conference and exhibit held in New York City.

Mr. Deeter will serve on the ISA national executive committee and will be responsible for the affairs of the operating sections in Missouri, Kansas, Oklahoma, the Panhandle area of Texas and New Mexico.

Glenn R. Elliott, 1442, R. W. Roberts, 1442, and R. M. Schowers also attended the convention.



**DO YOU KNOW THIS MACHINIST?** Twenty-five experienced machinists are needed by Sandia Corporation to perform important work in the Atomic Weapons Program. If you know a man who is a qualified machinist, contact Employee Referral Program, George Elliott, ext. 20151 for further information about positions.

## Lowell Sharp Heads Micro-Midget Club

Lowell E. Sharp, 7242-2, was re-elected president of the Albuquerque Micro-Midget Club recently. Two other Sandians were named to the club's board of directors—Charles Horner, 2111-4, and R. E. Bohannon, 1611-5. Fifteen Sandians are among the organization's 50 members.

Next meeting date for the club is Oct. 8 at the Converse Motor Co. Anyone interested in joining the club may contact Sharp at 7613 Hannett, tel. 9-3146.

## Jack Wilson Presents Paper At Automation Conference in N.Y.C.

Jack L. Wilson, 1652-3, presented a paper entitled "Evaluation of the Accuracy of the Potentiometer Method of Measuring Resistance" at the 11th annual Instrument Automation Conference and Exhibit of the Instrument Society of America in New York City, Sept. 19.

Robert E. McCallum, 1652-3, is co-author of this technical paper.

## Women's Volleyball

A Women's Volleyball League will be formed, Employee Services, 3122, announces, if enough players are interested and a minimum of four teams can be formed. Any Sandia or AEC woman employee desiring to participate in volleyball play is urged to contact Employee Services, ext. 29157.

## Radio Club Meets

Two Sandians will present the program Oct. 8 for a meeting of the Sandia Base Radio Club at 8 p.m. in the organization's clubhouse on Sandia Base.

John R. Johnson, 5252, and J. H. Harrell, 1612, will discuss "What's New on Two"—concerning the 2 meter amateur high frequency transmission band.

### SHOPPING CENTER

#### CLASSIFIED ADVERTISING

Deadline: Friday noon prior to week of publication.

#### RULES

1. Limit: 20 words
2. One ad per issue per person
3. Must be submitted in writing
4. Use home telephone numbers
5. For Sandia Corporation and AEC employees only
6. No commercial ads, please

Next Deadline: Noon, Oct. 12

#### FOR SALE

GUNS, 2 Remington models, 11-48 sportsman, 20 ga., recoil pad; 28 ga., skeet model, \$100 ea. Scates, Alb. 6-4740.

SIAMESE KITTENS, registered, w/papers, \$25 and \$35. Bernard, Alb. 6-8825.

MAN'S RING, almost new, custom design, w/1/2 carat diamond and two 1/5 carat rubies, \$275. Edgington, ext. 2-4244.

OR TRADE relay rack cabinet 36 in. panel space, \$5. Nogle, 11721 Clifford NE, Alb. 9-3863.

'53 ENGLISH FORD, Zepher six, turquoise blue, 4 dr. sedan. Blue book, \$930. Sell \$800 or make offer. Creveling, Alb. 2-3790.

COUCH, small size red frieze w/green block plaid slip cover. Makes bed, \$60. Barker, Alb. 9-4287.

ELECTRIC RANGE, 30" Kelvinator, \$100. Galbreath, 3730 Manchester NW, Alb. 4-4306.

EXPANSION JOINT, 5 lengths, 9 ea. 10 ft. - 2"x4", 8 ea. 7 1/2 ft. - 2"x4", 10 ft. x 1/2"x4". Weidman, Alb. 2-5188.

RIFLE, 30-40 Krag. Completely sporterized w/Lyman sights, sling, etc., \$55. Laskar, Alb. 9-1024.

M-W WASHER, wringer-type, \$15. Randall, Alb. 2-7382.

PORTABLE COOLER, \$15; Silvertone 3-speed portable phonograph, \$35. 9x9 umbrella tent, two sleeping bags, \$54. Musgrove, ext. 2-6238.

SHOTGUN, 12 ga. Steven pump w/full choke, never fired, \$45. Zeiss-Ikon "Ikoiflex" camera, \$30. Reske, ext. 2-6238.

STATION WAGON, '41 Ford, runs good, good tires, RH, \$150. Wood, 3123 Monroe NE, Alb. 4-0342.

3 BR. HOUSE, brick, 1 3/4 baths, carpeting, landscaped, patio, GI loan, low down payment. Bradley, 1120 Dakota SE, Alb. 5-9562.

FUR COATS, size 10, 1 muskrat, 1 mouton lamb, \$25 ea. Bernhard, Alb. 6-8825.

FLYING CLUB membership, Crossroads Club, \$425. Licensed pilots only. Two Tri-Pacers; one new. Gowdey, Alb. 2-2260 or Sawyer, Alb. 5-5731.

HI-FI Heathkit preamp kit and LS-57 amplifier, \$25. Nielsen, Alb. 5-6497.

CANARIES, 3 red factor, 3 bird cages, \$15 per bird and cage. Pliner, Alb. 6-0371.

HOUSE, NE Heights, \$6250, \$250 down. Hardwood floors, block construction, furnished; one bedroom. Stephenson, Alb. 5-9822.

TELEVISION, 17" Dumont, blond, with table and outdoor antenna, \$100. Davis, 2312 Brett NE.

RACING HEAD, high compression, fits '49-'53 Mercury, \$35. English Racer bike, \$35. Hazel Boyden, 2704 Graceland Dr. NE, Alb. 5-3456.

2 BR. HOME, modern, \$950 for equity; total price \$4,750. 1608 Gerald SE. Chavez.

RIFLE, 300 Savage bolt action, military action, sporterized. Custom stock, Lyman receiver sights, ramp front sight, swiveled sling. Lawson, Alb. 9-2838.

DRAPERIES, one pair living room, grey background w/red and green print, \$25. Swanson, Alb. 6-3693.

RIFLE, 22 cal. Marlin bolt action, five extra clips, peep sight, \$22.50. Finders, Alb. 9-3628.

WASHER, Easy Spindrier. Laskey, 609 Ortiz NE, Alb. 5-2063.

CAMERA, 35 mm. Bolsey B-2 with flash and case, \$30. Hankins, Alb. 6-0712.

'52 PLYMOUTH, RH, overdrive, good tires, 35,000 mi. Blanchard, Alb. 9-4234 after 5 p.m.

NORGE GAS RANGE, \$40. Ping pong table, \$20. Gay, Alb. 9-5625 after 5 p.m.

3-SPEED BICYCLE, man's deluxe English, \$39.50. Sisler, 3157 44th place, Sandia Base, ext. 25173.

SPORTING CARBINE, lever action 30-30 Marline model 336, recoil pad, \$55. Thomas, Alb. 6-1569.

STUDIO COUCH, efficiency size, 2 maple chairs, Hollywood bed, mattress and springs, blonde spinette piano. Benneche, Ext. 48192, 3226 34th St.

CRAFTSMAN POWER TOOLS: Bench saw, joints, planer, 1/2 H.P. motor. Heavy duty power tool bench, \$100. Dadian, Alb. 9-4070.

TRANSMITTER, 120 watts phone, \$95. Mobile transmitter, \$20, Gonset converter, \$15. RME Preselector, \$25, Meissner VFO, \$15. Grab, Alb. 6-9515.

DIVAN, CHAIR, \$50. Dining room table and 4 chairs, \$35 or all for \$80. Blea, Alb. 6-5216.

GIRL'S BICYCLE, Schwinn, new puncture proof tires, standard size, \$15. '53 Mercury 4 dr., new tires, \$1150. Whitehill, Alb. 5-5925.

TIRE w/w full recap, 6.40x15, \$10 or best offer. 4 tubes \$1 ea. Lopez, Alb. 3-8550.

'51 FORD FORDOR, clean, \$400. Can be financed. Windar, Alb. 2-9853.

MAHOGANY CHEST of drawers, unfinished, cheap. Morehouse, Alb. 9-0028.

CAMERA, Crown Graphic 2 1/4x3 1/4 3.5 Tessar lens. All accessories, \$215. Dugan, Alb. 6-7603.

'37 CHEVROLET COUPE, \$65. Endres, Alb. 5-3251.

LAWN MOWER, 18", 1955 English make, \$11. Toft, Sandia ext. 45166.

KING MIDGET AUTOMOBILE, \$150. Wards wringer washer, \$25. Two tubs, \$3 ea. Mrs. Hawk, 1821 Florida NE, Alb. 6-6264.

GIRL'S BICYCLE, 24 in. w/basket, \$20. Child's chain driven tricycle and pedal driven tractor. Rector, 3158 44th pl. ext. 43185.

'52 BUICK SUPER, \$575. RH Dyn. T. glass, new tires. Underwood, Alb. 6-7709.

BEAGLE PUPS, Champion sired, \$35 ea. Kenmore portable washing machine, \$20. Whizzer motor bike, \$50. Donaldson, ext. 46233.

LAUNDRY TUBS, twin, vitreous china w/stand, \$30. Currie, Alb. 5-3115, after 5 p.m.

UMBRELLA TENT, 9x9, \$25. Langston, Alb. 5-0075.

'56 CHEVROLET station wagon, 4-dr., 9-passenger, 6-cyl., 9000 miles, heater, back-up lights, \$2,175. Slaton, ext. 33173.

3 BR. HOUSE, walled yard, patio, shade trees, landscaped, \$13,900. Harper, Alb. 6-7011.

GOLF CLUBS, set of MT irons, set of Spalding woods, putter and bag, \$85. Chandler, ext. 4-1186 after 5.

'42 PLYMOUTH, 4-dr., R&H, \$95. Lewis, Alb. 6-7404.

CRIB, MATTRESS, \$18. Talley, Alb. 4-4818.

HIGH CHAIR and baby buggy, \$10. Leonard, 1401 Gold SE, ext. 52147.

BIKE, Schwinn American type, \$15. Rechner, 1321 Parsifal NE, Alb. 9-2264.

WINCHESTER 270, \$110. 257 Roberts w/scope & loading accessories, \$135. 12 ga. pump and shells, \$85. Raney, Alb. 5-1256 after 3:15.

UTILITY WALL HEATER, 50,000. Space heater 35,000. Panel ray dual 20,000, 10,000. 390 gal. Butane tank. O'Connor, Alb. 4-2840.

EVAPORATIVE COOLER, Wright, 4,000 c.f.m. New in July, \$125. Badgley, Alb. 6-3231.

6' CABINET HEADBOARDS—pine, \$23 or \$12 ea., dining table, 2 leaves w/drawers, pine, \$18; portable washer, \$29. Tendall, ext. 23195.

RECORD CHANGER, 33 1/3 Columbia, \$7. Pre-war radio tubes, most at 80% off list price. Skinner, ext. 4-9282.

TELEVISION, 17" Magnavox blond 1955 table model, \$70. Reimholz, Alb. 9-5107.

WASHING MACHINE, Speed Queen, wringer type, 2 yrs. old, \$50. Ross, Alb. 5-4197 after 5 p.m.

#### WANTED

RIDE from 600 Coal SE to gate 6 or gate 1. Anna Martinez, Alb. 7-9761 after 5 p.m.

DRIVER to join car pool vicinity of 3500 4th NW. Newman, Alb. 2-3244.

LOVE SEAT, used, Mohar, 410 Girard SE, Alb. 5-0477 after 5:30.

CASEMENT WINDOWS, used steel. Roberts, Alb. 5-9527.

RIDE from 2 mi. east of Peralta to south gate. Skelley, ext. 2-6154.

3 or 4 BR. HOUSE, unfurnished, on or about Oct. 20, 1956. Robinson, Alb. 9-0971.

BABY-SITTING, reliable woman will babysit evenings Sat. and Sun. Kraft, Alb. 9-1278.

CHILD CARE, pre-school age, 2-4, will care for in my home. Brousseau, 2825 Cardenas Dr. NE, Alb. 6-0294.

BUTANE TANK—250 gal. capacity. Sanchez, ext. 4-8140.

RIDERS to join car pool from vicinity Girard SE and Santa Clara to Bldg. 880 parking lot. Nott, ext. 2-9249.

RIDE from 2329 Valencia NE to Bldg. 800. June Tipton, Alb. 5-4324.

GIRL'S BICYCLE, 24 in. Pollard, Alb. 9-1318.

MOTOR SCOOTER, reliable, cheap. Good quality tape recorder. Home for kittens, free, housebroken, two white w/some black, one black. Skinner, ext. 4-9282.

JOIN CAR POOL or form one from vicinity 1000 Stanford NE to Bldg. 802. Shirley Fleming, Alb. 9-0077.

YOUNG MAN to share private home with two engineers. All home privileges, TV, air conditioning, patio, etc. Wickett, Alb. 9-2218.

RIDERS from vicinity 208 Yale SE to Bldg. 800. Ellis, ext. 2-1243.

CAR POOL, join or start, from Cagua NE to Bldg. 880. Burbridge, Alb. 6-7239.

RIDE from 1826 Solano Drive NE (near Carlisle) to Bldg. 894, Gate 7. Jeanne Simmons, Alb. 6-9453.

RIDE from Aztec (near Candelaria) and San Pedro to Bldg. 894, Gate 7. Bette Matlock, Alb. 5-0109.

RIDE from vicinity of Alvarado and Euclid NE to Bldg. 892. Mary Newton, Alb. 9-5252.

TYPEWRITER, used. Erma Campbell, Alb. 9-4830 after 5 p.m.

RIDE from 1628 Stanford SE to Bldg. 880. Juliette Wolff, ext. 31232.

8 MM FILMS, cartoons or comedies for Sunday school children. Lopez, Alb. 3-8550.

DRIVERS to join car pool from Bridge and Five Points Road SW or Beverly and Goff SW to 894, Gate 7. Lopez, ext. 43149.

RIDE from vicinity of Gun Club Road and Coors Blvd. SW to Gate 7. McKenzie, Alb. 3-5948.

RIDE vicinity Coal and Locust to 802. Veder, ext. 21141.

RIDERS from 821 7th to Gate 4 or join a car pool. Morrison, ext. 78489.

RIDE from 1028 Alvarado SE to Bldg. 880. Clark, ext. 2-6144.

RIDE or join car pool from Columbia and Garfield SE to Bldg. 894. Marion Walker, Alb. 3-4161.

RIDE from 417 Gen. Chenault NE to 880. Hayes, ext. 31240.

SLIDE RULE K.E. Loglog Duplex decitrig. Zaluga, Alb. 4-1564.

RIDE or join car pool from 1503 Wyoming NE to gate 4, go home at noon. Lucille Cuthbertson, Alb. 9-2724.

2 SINGLE GIRLS to share beautifully furnished house. Good address, transportation provided, \$45 mo. Maid, meals additional if desired. Scotten, Alb. 6-5885.

#### LOST AND FOUND

LOST, keys; wallet, brn. w/ID; glass case; earring, heart w/arrow. FOUND, keys to Ford. Lost and Found, ext. 26149.

#### FOR RENT

WOMEN'S DORMITORY ROOMS, furnished, kitchen, laundry facilities; linen, maid service, television, walking distance to work, \$45 mo. Base Housing Office, 2-1154.

3 RM. APT., furnished, everything paid, \$60 mo. One block from schools. 614 7th NW. Lopez, ext. 43149.

3 RM. APT., furnished, water & garbage paid, \$40 mo. Aragon, Alb. 2-2973 after 5 p.m.



SANDIA CORPORATION New Mexico State Fair exhibit has attracted thousands of fascinated spectators during the past week. Shown above are a few "early birds" getting a preview of the display before the Fair gates were opened to the general public.



NEVADA PROVING GROUND miniature has been showing intrigued onlookers a nuclear test. A push of a button and a nuclear detonation is simulated. Norman A. Littrell, Full Scale Test Division II, did the electronic design of the display. Art work for Operation "Small Scale" was by Tech Art Division.



DUAL DISPLAY of working models of Sandia's centrifuge and drop tower are also spectator-actuated. Above is John Kane, left, and Fred D. Brown, both of Test Laboratory Department, 1610, who helped design and build the popular miniature display.

## PROMOTIONS

FRANK J. MALONEY, JR. to supervisor of Specialties Division B 2124.



Frank joined the Corporation five and one-half years ago working in Engineering. He later transferred to Field Testing where he was in telemetering and ballistics work.

He previously was employed eight years by the New York Central Railroad as an expeditor in freight transportation and freight scheduling.

During three and one-half years in the Navy he was in Ceylon as a cryptographer working with the British Eastern Fleet and the American Consulate.

Frank has a BS in Mechanical Engineering from Georgia Tech and is a member of Tau Beta Pi and Phi Kappa Phi, engineering honoraries.

THEODORE J. JORGENSEN to supervisor of Commercial Purchasing Section, 2343-1, Purchase Department.



Ted first came to Sandia Corporation in 1949 from Western Electric Hawthorne Plant in Chicago, where he was a division traffic manager. In 1953 WE transferred him to New York. Two years later Ted returned to Sandia Cor-

poration. Since then he has been in Scheduling Ordering Division, 7241, Technical Services Department.

Prior to coming to Albuquerque Ted had worked for WE since 1941 in purchasing and expediting.

He attended Bryant & Stratton Business School in Chicago, studied business law at the University of New Mexico and holds a diploma in transportation and transportation law from the Freight Traffic Institute in Chicago.

He is an honorary lifetime member of the Albuquerque Traffic Club, which he helped organize and was its first president.

MARVIN L. GLAZE to supervisor of Administrative Services Section, 1253-5 Engineering Department, Livermore Branch.



Marvin joined Sandia Corporation in January, 1952. He has worked as an accountant and staff member in 4100 organizations — Accounting Division, Cost Division, and Auditing Department. He transferred to Livermore July 1.

Prior to coming to Sandia, he was employed by the Kennecott Copper Corporation, Chino Mines Division, at Hurley, N. Mex., and was teller for a Caldwell, Idaho, bank.

He attended the University of Idaho and the University of New Mexico where he earned a B. A. degree in accounting in 1952.

During WW II he served for two years with the Navy.

PAUL D. BISHOP to supervisor of Material Control Section 2221-2, Production Control Department.



Paul has been with the Corporation three years in disbursement auditing, clerical procedures and Auditing Division 4121.

He previously worked six years as a bookkeeper for a retail establishment in Tucson and several years in a similar capacity in Fostoria, Ohio.

Paul has a Bachelor's degree in Business Administration from the University of Arizona.

For two years he served in the Navy and was stationed in Hawaii.

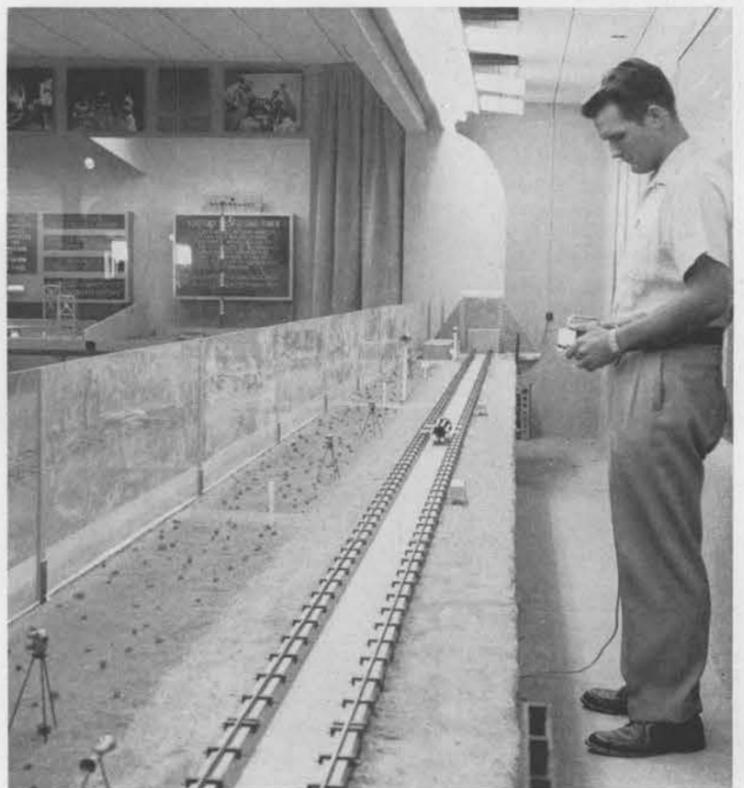
CARLE C. HUNT to supervisor of Procurement Service & Controlled Materials Division, 2333, Purchase Service Department.



Carle started work for Sandia Corporation seven years ago Oct. 1 the date his promotion was effective. He has been in purchasing and expediting the entire time.

Prior to coming to Albuquerque he worked three and one-half years at Los Alamos.

He attended the business administration school at the University of Denver.



ROCKET SLED TESTS performed with a model operated by James R. Winchell, of the Test Laboratory Department, have numbered in the hundreds. Complete with sound effects, the tests thrill onlookers with both colorful and spectacular demonstration of speed.

### Toastmasters Elect

Walt Westman, 1441, heads a new slate of Sandians recently elected to offices of the Sandia Toastmasters Club. John Wilkinson, 1441, is executive vice-president and Roger Johnson, 2111, is educational vice-president.

Secretary is Lee Stinnet, 2531; treasurer is Pete Hernandez, 1217, and sgt. at arms is Bert Neuman, 1217.

### Stamp Awards

One of the first prizes awarded at the Philatelic Exhibit in St. Louis last month went to Franklin Barnett, 7123, for his showing of early day Philadelphia registered mail covers.

Frank also won top honors for his display of stamps at the New Mexico State Fair.