

## George A. Landry, First Sandia President, Dies Suddenly in N. J.

George A. Landry, first President of Sandia Corporation and retired Vice President of the Western Electric Company, died suddenly Jan. 30 at Overlook Hospital, Summit, N. J., after a short illness. He was 72 years old.

Mr. Landry was elected President of Sandia Corporation in 1949 and served in that position for three years.

He returned to Western Electric in 1952 as Vice President of the Purchasing and Traffic organization and retired in 1954.

Born in Rouses Point, N. Y., Mr. Landry graduated cum laude from the University of Vermont in 1911. While there he was elected to Phi Beta Kappa, national scholastic honorary society.

He joined Western Electric shortly after graduation and progressed through a variety of management positions at the company's Chicago and Kearny, N. J., plants. In 1954 he was named Operating Manager of WE's Installation organization.

Shortly after the outbreak of World War II he was named to the War Production Board. In 1953 he was appointed assistant director in the Office of Defense Mobilization.

Survivors include his widow and five children.



Mr. Landry

## Tech Article About N. J. DeLollis In Adhesives Age

An article about Nicholas J. DeLollis (1112) appears in the January issue of *Adhesives Age* reporting his election as vice chairman of the Adhesives Committee of the American Society for Testing Materials.

Nick has worked at Sandia almost five years in adhesive and sealant development and applications. Prior to that he worked for the National Bureau of Standards for about 15 years.

He has written numerous articles on adhesives and related topics, and has contributed a chapter on "Structural Metal Adhesives" in a forthcoming book by Dr. Irving Skeist.

## New 7090 Computer to Replace Sandia Lab's Hardworking 705

On Feb. 9 a new computer for Sandia Laboratory will be installed in Bldg. 880. Designated the IBM 7090 Data Processing System, the new computer will operate side by side with Sandia's IBM 705 for a few months during the change-over period, and then the 705 will be moved out and returned to IBM.

"The new 7090 will handle our current workload much faster," says F. H. Grubbs, manager of Electronic Data Processing Department 3450, "while providing additional capabilities for new Laboratory applications."

"For some time the 705 has been operating three shifts a day, seven days a week," Mr. Grubbs says, "and a backlog of uncompleted work has been accumulating."

The 7090 differs completely from the 705. Mr. Grubbs indicates, in the kind of internal logic produced. The 705 is a "serial, variable-word-length type computer" which means it deals with one character at a time. The 7090 is a "parallel, fixed-word-length binary computer" and can work with blocks of 36-bit characters simultaneously.

### Faster Operation

"Depending on the type of problem," Mr. Grubbs says, "the 7090 will perform from four to 10 times faster than the 705. The 7090 tape input and output will be about four times faster than the 705 while certain internal operations may range up to 179 times faster than the 705."

In addition to the 7090, two new smaller computers will be installed in Sandia's Electronic Data Processing Center. These will be IBM 1401 computers which will replace several pieces of card reading, card-to-tape converting, and printing equipment.

"These two computers will considerably increase our card-to-tape conversion speed, printing rate and capacity," Mr. Grubbs says. These 1401 computers will be installed at Sandia about April 1.

Since the new 7090 computer has a different internal logic, all programs for the 705 have had to be converted to the new system. This changeover in programming started last summer. Sandia has been using 7090 computers at various installations to check out these programs. In addition, the monumental tape files of Sandia's Central Data Center have been converted to the 7090 system. These files contain individual records of component production and performance data.

Programs are written to do this chore and the tapes are being processed through 7090 computers located at Aeronutronic Division of Ford Motor Company, Newport Beach, Calif., and at Convair Astronautics in San Diego, Calif.

### New Applications

New applications planned for the 7090 computer include employee information central record keeping service. This will be combined with the payroll function now performed by the 705 and will make available statistical breakdowns as well as individual reports on employee educational background, prior experience, age, health care status, number of dependents, etc.

Another planned application is a property accountability service. Under this system, records will be maintained by the computer of all material and property in the custody of Sandia Corporation at both Sandia and Livermore Laboratories, as well as at test ranges, sites and in supplier plants.

Spares provisioning of weapons and weapon materiel will be another important application of the new 7090. The computer will be programmed to automatically provide Sandia Corporation, military agencies and the Atomic Energy Commission much needed information on proper quantities and schedules for ordering spare parts for the nuclear arsenal.

"In addition to new long range programs," Mr. Grubbs says, "we will continue to provide all our current services and provide them quicker."

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## SPRF Construction Complete; Will Go Critical Next Month

Reactor operating personnel of Radiation Effects Department 5430 began moving into the Sandia Pulsed Reactor Facility (SPRF) in Area III this week.

With the acceptance by the AEC of the four structures which comprise the facility, Sandia began installation of the reactor assembly and associated control systems and instrumentation.

"SPRF is scheduled to go critical sometime in March," says John

Colp, supervisor of Nuclear Facilities and Equipment Section 5431-1. "Experimental utilization of the reactor should begin about the middle of April."

SPRF has a bare, highly-enriched uranium assembly similar to that of the Los Alamos Scientific Laboratory's Godiva II reactor. Operating in the reactivity range slightly above prompt critical, the reactor produces intense bursts of fast neutrons and gamma rays for

use in radiation effects studies. In a typical burst  $3 \times 10^{16}$  leakage neutrons will be produced during a 50-microsecond pulse.

### Concrete Hemisphere

The reactor will be housed in a hemispherical concrete building. Walls of the building are of ordinary concrete 54-in. thick. Experimental configurations to be exposed to pulses of radiation will be arranged at various distances around the reactor.

Since the critical assembly is unshielded, the reactor will be hydraulically lowered into a pit in the floor of the reactor building when not in use. A 6-in. thick lead door will cover the pit.

A second building, called the "beam-catcher" building, faces the door of the hemisphere. Radiation streaming from the door of the hemisphere will be completely trapped inside this earth-covered building.

### Safety Aspects

"Safety aspects were a prime consideration in the design of SPRF," according to D. M. Ellett, supervisor of Nuclear Facilities and Operations Division 5431.

"It has been determined that normal operation of SPRF will not involve radiation levels hazardous to operating personnel or to the occupants of adjacent installations. The walls of the reactor building are designed so that the instrumentation building and part of the planned trailer parking stations around the reactor can be occupied during a burst."

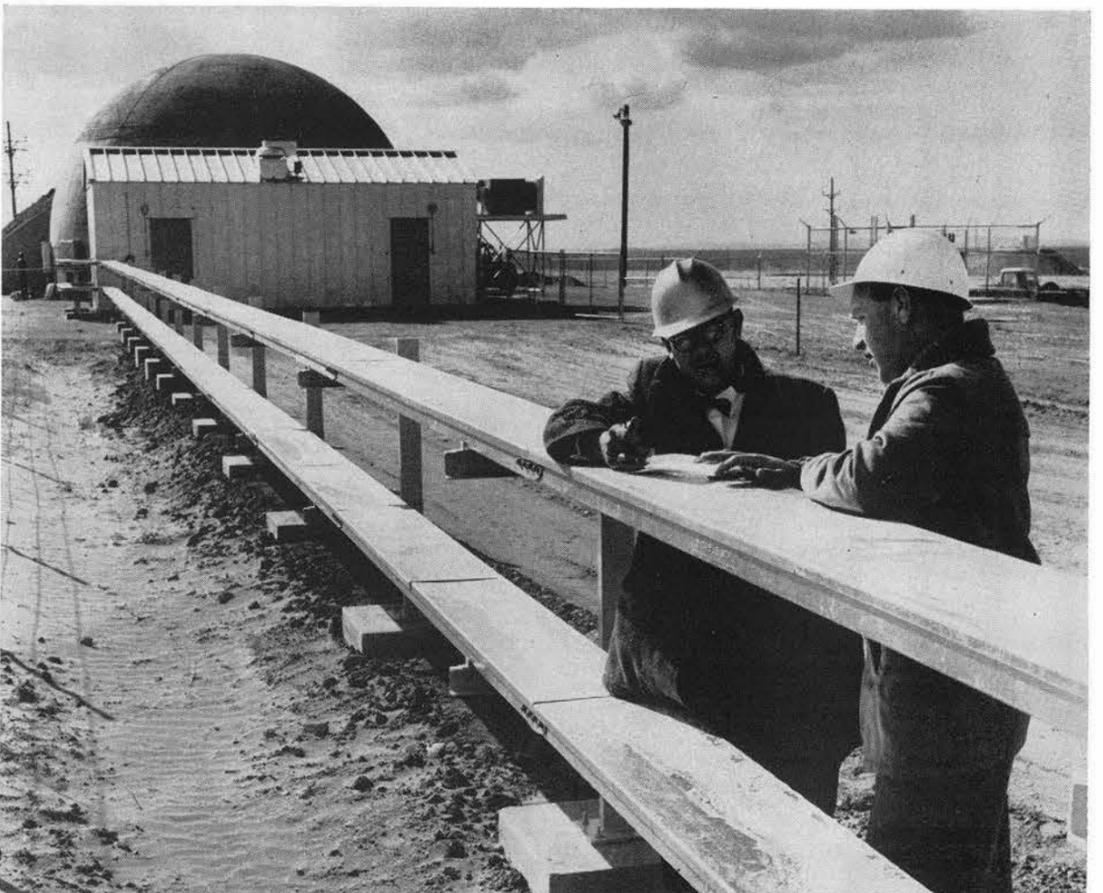
Radiation monitoring equipment will be continuously operated at the reactor site. Industrial Hygiene Division 3311 will be responsible for personnel radiological safety.

SPRF is patterned after the Godiva II reactor developed by Los

(Continued on page eight)



SANDIA PULSED REACTOR (minus fuel material) is shown at left while operators P. D. O'Brien and J. C. Conant (both 5431-2) are observing control console. The reactor will be located in a concrete hemispherical reactor building in Area III. This picture was taken in Bldg. 839 where the equipment was assembled.



SANDIA PULSED REACTOR FACILITY located in Area III is shown just prior to acceptance of the construction this week by the AEC. J. L. Colp, left,

(5431-1) and V. E. Kerr (4543), Plant Engineering Department project engineer, are in front of the concrete hemisphere which will house the reactor.



**DECORATIVE DESIGN** in the convent chapel of the Church of the Annunciation was done by J. C. Weber of Sandia Laboratory's Technical Arts Division 3463. Work included design of the altar, communion rail, wall designs and imitation stained glass windows which the artist realistically painted on the walls. Altar and communion rail are painted to resemble white marble.

## W. G. Jenkins Retires from W.E. End of Month

William G. Jenkins will complete 38 years with the Western Electric Company when he retires this month. For over 10 years of that time he was a supervisor at Sandia Corporation, serving as Manager of the Production Control Department, the Assembly Department, and the Packaging and Stores Department.



Mr. and Mrs. Jenkins plan to tour Florida in search of a home-site this spring, and in the summer they may visit Scotland, where both spent their childhood. These plans depend upon the state of Mr. Jenkins' health; he is convalescing from injuries suffered in an automobile accident last November.

Mr. Jenkins is a graduate of the Royal Academy, Inverness, Scotland, and the Pratt Institute of Technology, New York, where he majored in electrical engineering. He began his career with Western Electric Company in 1923 in New York. He transferred to Sandia Corporation in 1950.

At Sandia, Mr. Jenkins organized and established the Inspection Control Division and later supervised the Program Administration Division before his promotion to Production Control Department Manager.

## Employee at Livermore Gets Law Degree After Six Years Night Work

An LL.B. degree in American Law and Procedure was recently conferred upon Arthur R. Hopper (8224-2) by the LaSalle Extension University of Chicago. "Art" completed work for the degree in his spare time over a period of six years. He also holds a Bachelor's degree in Business Administration from Woodbury College in Los Angeles.



Art joined Sandia Corporation in 1953, coming to Livermore Laboratory in October 1956. He is supervisor of the Material Control, Reclamation and Office Furniture Section.

## Photographer Named

Richard Hodges (3462-1) has been named to the National Council of the Professional Photographers of America, Inc. During his two-year term Dick will serve as a liaison officer between the association and affiliated state, regional and local photographic groups.

The Council is composed of 197 leaders in professional photography from throughout the U. S. and Canada. Council members are delegates to the Industrial Photographic Conference and Exposition of Professional Photography, which will be held this year in New York City from July 29-Aug. 4.



**AEC-SANDIA AREA OFFICE 1960 Security Honor Awards** were presented recently by Charles C. Campbell, Area Manager, to Secretaries (l to r) Eva Chavez, Administrative Branch, Alice White, Quality Assurance Branch, and Ima Jean Ryan, Security Branch, for their respective branches. This marked the second consecutive year these branches operated without a security infraction.

## Need 50 More Club Members to Tour Europe; Deadline Is Mar. 15

About 32 people have indicated an interest to go on the Coronado Club-sponsored vacation trip to Europe, according to George Banos (3111), Chartered Tours chairman.

In order to proceed with plans for the tour, at least another 50 persons will have to sign up for the trip, George says. If the required number is not reached by Mar. 15, tour plans will be dropped.

Only Coronado Club members and their dependents are eligible to take the trip. Individuals who are not members of the club would have to join by April 1 in order to be eligible since they must be on roll at least six months prior to departure. This is a regulation

that is strictly enforced by the Civil Aeronautics Board which approved of the lower rates for chartered flights.

The total trip cost would be between \$750 and \$850, depending mostly on type of hotel accommodations. This includes air travel from Albuquerque, land travel in Europe, rooms and hot meals.

There are several tour itineraries available, most of them lasting about 22 days.

For more information on the tours, or if you want to sign up for the tour, contact the club office, ext. 37276.

Livermore Laboratory people who are interested in joining the tour group should call J. E. Bonetti (8212), ext. 2254.

## Coronado Club's 'Fiesta Mexicana' Scheduled Feb. 18

Everything will be "south of the border" style at the Coronado Club's monthly buffet dinner-dance on Feb. 18.

Fiesta Mexicana will begin at 6 p.m. with a unique buffet, featuring Spanish-style spareribs, cocktail tamales, frijoles and chile.

Valentino DeLao, assisted by a trio of musicians, will be master of ceremonies for the entertainment which starts at 8:15. Special guest will be Mario Leyda, a comedian-dancer from Mexico City, who reportedly is a double for Cantinflas.

Eddie Chavez' orchestra will play for dancing from 9 to 1. Tickets are \$2.60 for members, \$3.60 for guests, and should be picked up at the club office by Feb. 15.

Arlen Asher will play at the club's Saturday Night Dance on Feb. 4. Tickets for the dance, which lasts from 9 til 1, are \$1 for members, \$1.50 for guests.

Tom Dunn, KQEO disc jockey, will emcee the record hop for teenagers on Saturday, Feb 11, from 8 to 11 p.m. Dance contests, with records for prizes, will be part of the evening's activities. Tickets are 25 cents and must be purchased by parents prior to the dance or at the door.

Tonight's activities at the club include social hour from 5:15 to 6:45, live music from 5:30 to 8:30 and the \$1.75 buffet from 6 to 7:30 p.m.

Lee Sprague's combo is playing tonight, and next week it will be Tommy Kelly.

## Congratulations

### Born to:

Mr. and Mrs. Leo C. Cordova (4516) a son, Leo C. Jr., on Dec. 30.

Mr. and Mrs. Steve Chester (1411-1) a son, Matthew Shea, on Jan. 21.

Mr. and Mrs. Melquiades Sanchez (4623-3) a daughter, Theresa Mae, on Jan. 15.

Mr. and Mrs. Alsid LaMoria (4623-3) twin boys, Donald and Daniel, on Jan. 23.

Mr. and Mrs. R. A. Govig (2544) a son, Burt Alyn, on Jan. 19.

Mr. and Mrs. Larry Alton (8165-2) a daughter, Karen Elaine, on Jan. 22.

Mr. and Mrs. R. C. Dougherty (8141-1) a daughter, Sarah Anne, on Jan. 25.

Mr. and Mrs. Gary R. Waymire (8165-2) a son, Michael Gary, on Jan. 17.

Mr. and Mrs. Ed Daugs (8121-1) a daughter, Karen Elaine, on Jan. 19.

## Sympathy

To Lillian Balfour (3421-1) for the death of her mother-in-law Jan. 18.

To George (4152) and Ted Baldonado (3464-2) for the death of their mother Jan. 9.

To George Wayland (3131-1) for the death of his mother in West Virginia Jan. 6.



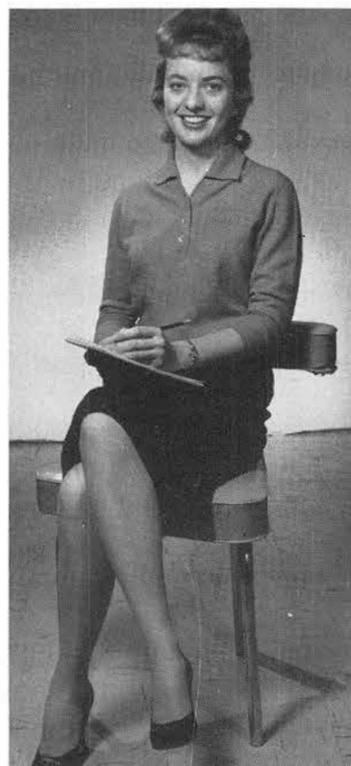
**RAY GARCIA (3462-3)** displays the National Award presented to him recently by the Commander of the American Legion. Ray earned the pin as Vice Commander of American Legion Post 72 and for recruiting 50 new members for the organization during 1960. He has been a member of the post for six years.

## Diving Film Earns Medal for Livermore Photo Technician

A bronze medal for photographic excellence was awarded to Don Knudsen (8123-3) at the fourth international Underwater Film Festival held recently at Santa Monica, Calif.

His film, "Northern California Diving," was one of six films in the 8mm category to receive bronze medals. Approximately 2000 entries, including back and white, color slides, and movie films, were submitted for judging at the festival.

Don, a photo technician at Livermore Laboratory, is an amateur skindiver who has been taking underwater movies since 1955.



**Linda Shaifer (3126/2451)**

## Take a Memo, Please

**SAFETY** in its broadest sense concerns the happiness, contentment and freedom of all.

### Retirement Voyage

From aboard the Hamburg American line ship, the SS Haveland, comes word from Carter W. Gibbes, who retired from Sandia Corporation recently.

Mr. Gibbes reported that he and his wife would be in Willemstad on Feb. 1. From there they plan to go to Bogota, Colombia, and the Andes for a month or so before traveling on to Lisbon, Portugal.

### Community Concert

Community Concert tickets for the 1961-62 season will be on sale from Feb. 6-11, according to Mrs. J. E. Gross who is in charge of Sandia Base ticket sales.

Tickets or information may be obtained from one of the following: Mrs. Gross, AL 5-7327; Mrs. R. W. Crain, AX 9-1509; Mrs. J. V. Durant, ext. 29272; Mrs. L. J. Frankel, AX 9-4258; Mrs. F. D. Sharp, ext. 47283, or Mrs. M. E. Sorte, AX 9-9210.

## POW's Invited

All former prisoners of war are invited to attend the state convention of the Bataan Veterans Association, which will be held May 5-6 at the Alvarado Hotel.

Arrangements are being handled by Wayne Lewis (AEC-ALOO), commander, and Bernard Valencia (3242), vice commander.

During the meeting, plans will be discussed for the national convention of American Ex-POW, Inc., which will be held in Albuquerque in 1962.

### Wedding Bells

Frances Steckel (7311-3) and Pat Ryan, formerly of Portland, Ore., were married Jan. 16 in Albuquerque. Fran has been with Sandia Corporation for nine years.

After a trip to Santa Monica, Calif., where the couple will purchase a 27 ft. cruiser, they will cruise to Guaymas, Mexico.

### Getting Better

Joseph F. Gordon (2713-5, St. Louis Area Office) is showing improvement after undergoing two major operations.

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# Supervisory Appointments

DARREL R. BROWN to supervisor of Personnel Development Section I, 3121-1, Personnel Development, Benefits and Services Department.

Darrel has been working in Employment, Placement, and Skills Inventory since he came to Sandia in November 1952. For nearly three years he has served as Personnel Representative for organizations 1300, 1400 and 2400.

Previously Darrel worked a short period as a well logging engineer for the Baroid Well Logging Company in Vernal, Utah. Before that he was a customer office trainee with the Public Service Company of Colorado for a year and a half.

He graduated from the University of Kansas with a BS degree in industrial management and is presently working on his Master's degree in business administration at the University of New Mexico.

FRANK R. EMIG to supervisor of Design Definition Section C1, 4413-1, Design Definition Division C.

Frank has worked in the Design Definition Department since he came to Sandia in 1954.

Prior to employment he was a senior designer for Goodyear Aircraft Corporation in Akron, Ohio, for two and a half years. Before that he was a development engineer for 11 years with Ohio Injector Company, Wadsworth, Ohio.

Frank attended Ohio State University and Akron University.

JOHN D. MAFIT to supervisor of Personnel Development Division 3121, Personnel Development, Benefits and Services Department.

During the 10 years he has been at Sandia, Jack has worked in the various 3120 and 3150 organizations. He was promoted to supervisor of Employee Services and Benefits Section two years ago and has headed Personnel Development Section I, 3121-1, since last November.

Previously Jack worked for five years as a specifications analyst in the drafting department of Falk Corporation, a gear manufacturer in Milwaukee.

He received a BA degree at the University of New Mexico and was a member of Phi Kappa Phi, scholastic honorary, Phi Sigma Iota, romance language honorary, and Phi Alpha Theta, history honorary.

During World War II Jack served three years in the Army, part of the time in Europe.

## 1960 Sandia Purchases In New Mexico Total \$8,797,000

Sandia Corporation placed orders totaling \$8,797,000 with New Mexico commercial firms during calendar year 1960, according to figures compiled this week by Purchasing 4300.

Some 705 suppliers received the orders. Of the total suppliers, 633 were Albuquerque firms and orders placed with these firms total \$8,219,000. It is estimated that 95 per cent of the total suppliers were small businesses employing less than 500 persons.

This report does not include purchases from other AEC contractors.

H. M. DUMAS, JR., to supervisor of Battery Research and Advanced Development Section 1323-2, Electromechanical Development Department I.

"Brick" has been working in Instrument Development and Instrumentation Projects Departments of Field Testing during his four and a half years at Sandia.

While in these organizations he participated in Operations Plumbob and Hardtack, Phase I.

Prior to coming here Brick was at the University of Arkansas where he received his MS and BS degrees in Physics. He was a member of Sigma Xi, science honorary, and Phi Beta Kappa, scholastic honorary.

From 1946-49 he served in the Navy in the field of electronics.

C. E. LONG to supervisor of Security Education and Investigation Section 3232-2, Security Education and Investigation Division.

Ed has been with the Corporation since August 1956, first as a technical writer, in which capacity he participated in Operation Hardtack, Phase I. Since May 1959 he has been concerned with the security education program.

Before coming to Sandia, Ed taught English and dramatics at the University of New Mexico and at St. Joseph's College for three years. Previously he taught the same subjects at Boston College for nine years.

Ed received his BA and MA degrees in English from Boston College and his PhD degree from the University of New Mexico.

During World War II, Ed served from 1942-45 in the 10th Mountain Division.

HENRY M. WILLIS, JR., to manager of Security Standards and Development Department, 3230.

A Sandia Laboratory employee since July 1949, Hank has been in Administrative work the entire time and has been a division supervisor 10 years. His longest period of time was in the Planning and Scheduling organization. For the past four and a half months he has headed Personnel Development Division 3121.

Before coming to Albuquerque, Hank managed a sporting goods store in Las Cruces for two years.

He received his BS degree in business administration from New Mexico State University in 1947.

During World War II Hank served three years in the Navy.

## New Mexico License Plates Available at Base Provost Marshal

Sandia employees may buy their 1961 license plates on Sandia Base at the Provost Marshal's office, Texas and F Streets, Feb. 6-10 during the noon hour.

Either last year's registration papers or the notice sent by the New Mexico Motor Vehicle Department this year are needed.

Personal checks drawn on local banks for the exact amount of the plates will be accepted. The checks should be made out to the City of Albuquerque and include employee's name, home address and telephone number.

License plates are also being sold at the Civic Auditorium.

JAMES G. MARSH to supervisor of Classification Division 3422, Technical Information Department.

Jim has been with Sandia Corporation for more than nine years, part of the time in business methods. For the past five years he has been in classification work, serving as Classification Section supervisor since March 1959.

Previously he taught business administration and economics at New Mexico Military Institute, Roswell.

Jim also worked for two years as an accountant for the Phoenix Union High School system and a similar period as a sales representative for Remington-Rand in Dallas and Milwaukee.

He received his Master's degree in economics from the University of Colorado and his Bachelor's in business management from the University of Texas.

ROBERT S. GILLESPIE to supervisor of Employee Publications Division 3432, Public Relations and Employee Publications Department.

Bob has been editor of the Lab News since coming to Sandia in November 1950.

For two years before coming to Sandia he was a Journalism Department faculty member at the University of New Mexico.

Bob received his BS degree from the University of Illinois and a MS degree from the State University of Iowa.

He is immediate past president of the International Council of Industrial Editors; past president of both the Border Council of Industrial Editors and the Association of Nuclear Editors; and founding president of the New Mexico professional chapter of Sigma Delta Chi, professional journalism fraternity.

During World War II Bob served five years in the Army.

# Nat'l AOA Standards Group Will Meet Here Feb. 15-16

About 300 representatives of industry, government, armed forces, Atomic Energy Commission and AEC contractors are expected in Albuquerque Feb. 15-16 to attend the Annual Technical Meeting of the Standards and Metrology Division of the American Ordnance Association.

Hosted by the Albuquerque Operations Office of the AEC, theme of the meeting is "Modern Metrology and Weapons Production."

Two Sandians, H. C. Biggs, manager of Physical and Electrical Standards Department 2750, and J. C. Moody, supervisor of Length and Mass Standards Section 2751-1, have been instrumental in the planning and arranging for the meeting.

Mr. Biggs is a member of the Executive Board of the AOA's Standards and Metrology Division and chairman of the organization's General Physics Standards Section. Mr. Moody serves as a national committee member of the Dimensional Standards Section.

Purpose of the annual meeting, Mr. Moody reports, is to discuss how the values of actual physical standards are translated to the final product — ordnance. The meeting will attempt to demonstrate in a practical way how important standards activities are used to put needed accuracy into the final product on an economical basis.

The meeting program begins Wednesday, Feb. 15, with opening remarks by C. Thorpe Thompson, Chairman of the AOA's Standards and Metrology Division. Welcoming address will be made by K. F. Hertford, manager of the AEC's Albuquerque Operations Office.

John J. Riordan, Staff Director of Quality Control and Reliability, Department of Defense, will present the first technical paper, "DOD Standards and Reliability Program."

"Systematic Error in Standards of Measurement" will be presented by Dr. William J. Youden, National Bureau of Standards.

"Relationship between Calibration, Quality and Reliability in Production" will be presented by Lt. Col. K. M. Johnston, USAF, Quality Control Division, Air Materiel Command, Wright-Patterson Air Force Base.

Dr. Robert W. Stolzenbach, Dayton Air Force Depot, will present "An Ideal Approach to Electronic Metrology."

Charles E. White, Chief of the Laboratory Measurements Section, AVCO Corporation, will present "A Practical Experience in Electronic Metrology."

"An Ideal Approach to Dimensional Metrology" will be presented by William J. Darmody, Sheffield Corporation, which will be followed by "A Practical Experience in Dimensional Metrology" by Joseph L. Bolster, General Electric Company.

Luncheon speaker will be Dr. A. V. Astin, Director of the National Bureau of Standards, who will report on the International Conference on Weights and Measures.

Afternoon seminars will consist of Electrical and Electronic Standards conducted by Sy Sterling, national chairman of this AOA Section; General Physical Standards conducted by national chairman H. C. Biggs; and Dimensional Standards conducted by Fred Victory, national chairman.

On Wednesday evening, a reception and dinner will be held in conjunction with the Albuquerque Post of the AOA at the Western Skies Hotel. Dinner speaker will be Dr. Gerald Johnson, Lawrence Radiation Laboratory, who will discuss "Status and Promise of the Plowshare Program."

Technical meetings will resume Thursday morning, Feb. 16, with a Forum and Reports of seminar sessions of the previous afternoon. After lunch, the group will tour Sandia laboratories and visit standards laboratories in Bldgs. 860 and 861. Area III facilities will also be included in the tour.

Serving with Mr. Biggs and Mr. Moody on the local planning committee have been John A. Campbell, a director of the Albuquerque Post of the AOA, Lt. Col. K. A. Von Voigtlander, Public Information Officer, Defense Atomic Support Agency, and George Dennis, AEC-ALO Office of Information.

## Jr. Bowling League Now Organizing

Youngsters of Coronado Club members are invited to join a bowling league which meets at the club every Saturday morning at 8.

Interested children, ages 10-18, can sign up at the club next Saturday morning, Feb. 11, or contact Mrs. Held, AL 6-7467.



LOCAL PLANNING COMMITTEE of the Standards and Metrology Division, American Ordnance Association, in photo above, is making arrangements for the Annual Technical Meeting to be held in Albuquerque Feb. 15-16. From left are H. C. Biggs (2750), Lt. Col. K. A. Von Voigtlander (DASA) and J. C. Moody (2751-1). Not shown is John A. Campbell, Albuquerque AOA representative.

# Life of Retirement Is Full and Comfortable But Never Dull



**LARGE AND COMFORTABLE**, the remodeled living room of the MacGregor's 60-year-old rock and adobe house is the scene of quiet relaxation. Martha reads while Mac tries to coax Chuck, their dog, over for a romp. Mac retired from Sandia in Mar. 1960.

## Can Still Start Great Decisions Groups; TV Series Begins Tonight

"Great Decisions — 1961" gets underway next week when more than 100 groups in Albuquerque and thousands others throughout the nation will meet to discuss "Deadlock over Germany."

There's still time to organize a discussion group. Fact sheet kits are on sale (\$1.50) at Services and Benefits Division, Bldg. 829, and at all branches of the Albuquerque Public Library.

This year's television series on Great Decisions will be on KNME-TV, Ch. 5, at 8 p.m. on Fridays; KGGM-TV, Ch. 13, at 11:30 a.m. on Saturdays; and KOB-TV, Ch. 4 at 12 noon on Sundays.

R. C. Colgan (3431) will moderate and co-produce the eight-week series which begins tonight. Topic for tonight's program is "Deadlock over Germany." Guests will be Hannes Parnegg, Parnegg-Hertzmark Co.; Mrs. Doris Coyne, housewife; Claude Hemen, director of KNME-TV; and Fred McCaffrey, Willmarth, McCaffrey and Co.

Next week's topic is "Soviet Challenge & World Leadership." Guests will be Robert Taichert, attorney; William Parish, economics professor, UNM; and Milton Seligman, attorney.

## United Fund Honors Sandia Employees, F. Carter Childs

F. Carter Childs, General Attorney, Secretary and Treasurer 6000, was honored last week for outstanding work in the 1960 Albuquerque United Community Fund Drive. At the same time, Sandia Laboratory employees were honored with an outstanding citizenship award presented for gifts made to the UF through the Employees Contribution Plan.

The awards were made at a banquet held at the Four Hills Country Club Jan. 26. Public spirited citizens provided the banquet.

Mr. Childs was co-chairman of the Atomic Division during the '60 UF drive. He has been named vice chairman for the '61 Albuquerque United Community Fund Drive.

W. R. Rosenberg (4360), chairman of the Sandia Laboratory ECP drive, accepted the award for Sandia employees. This award has been presented to Sandia employees for six consecutive years.



Mr. Scrivner

## W. C. Scrivner New Director Of Personnel

W. C. Scrivner, Director of Inspection, 2700, since July 1959, has been named Personnel Director, 3100, replacing C. H. DeSelm, who transferred to Livermore Laboratory.

Joining Sandia in 1947, Mr. Scrivner was named Manager of Test Data Department in 1951. He subsequently headed the Planning and Coordination Department of Field Test and the Product Development Department at Livermore Laboratory before his promotion to Director.

From 1944-47 Mr. Scrivner was a research assistant at New Mexico Institute of Mining and Technology.

He received his BS degree in civil engineering from the University of New Mexico in 1944 and is a member of the New Mexico Society of Professional Engineers. He is a registered professional engineer in New Mexico.

The tiny village of Ponderosa, N. Mex., clings to State Road 290 in a beautiful valley surrounded by the Jemez Mountains. On the right side of the road as you enter the village is a 60-year-old adobe and rock house with an air of activity around it. This is the home of H. W. "Mac" MacGregor, retired Sandia employee, and his wife, Martha.

Mac retired from Sandia in March 1960 after almost nine years in Reclamation and the Plastics Shops.

"Sure I hated to leave Sandia," Mac says. "I liked my work and I miss my friends, but it was time to slow down and do some other things I enjoy."

Like farming. Mac grew up on a farm in Vermont where he had his own farm. Now, at Ponderosa, Mac has 11 acres and in the summer raises garden products and feed for his cattle. He also takes care of a few fruit trees.

"This is great country for garden vegetables," Mac says, "and fruit does wonderfully well."

### How About Fishing?

Mac is careful not to get too tied down with chores, however. "If I want to go fishing or take a trip," he says, "I want to be free to go."

Mac is a fisherman and a great deal of time in the spring and fall is spent at Fenton Lake where he gets his limit almost every time out. His freezer has a supply of eight to 14-in. trout. The lake is just "33 miles over the mountain" from Ponderosa.

Last summer Mac traveled to Cleveland, Ohio, for a national Shrine convention and afterwards journeyed to New England to visit grandchildren and old friends.

Mac remains active in the Albuquerque Ballut Abyad Shrine and serves on the Azayim, banquet committee. The couple drives in to Albuquerque about once a week to shop and visit friends.

Mac's days are filled with "just enough" activity. He has projects going around his house, remodeling and refurbishing the adobe house. He works in his garden and takes care of his cattle. The evenings are spent with friends in the village or occasionally he and Martha watch TV.

"We have a good life here," Mac says. "We have lots of company, especially on weekends. There's plenty of work to keep us busy, but there's no hurry. We will add

a couple or more bedrooms to the house in a year or so."

### Satisfying Life

As a retired employee, Mac has made a useful, worthwhile and satisfying life. His income consists of social security, rent from a house he owns in Albuquerque and his Sandia retirement check.

Mac is one of 144 Sandia employees who have retired. During their working years at Sandia, they have contributed three per cent of the first \$3000 and six per cent of all over \$3000 of their annual salary to the retirement plan.

This cumulative contribution is the basis for determining Sandia retirement income. The total employee contribution is divided by three and this amount becomes the annual retirement income. It is paid in monthly installments.

After three years of retirement, the employee's contributions have been completely used up, but the income remains constant for life. This "extra" retirement income comes from the amount that Sandia Corporation contributed during the active working period of the employee.

Sandia Corporation pays the larger share of the cost of the plan, approximately two-thirds of the total cost. At the time an employee retires, a retirement income is purchased under the terms of a group annuity contract which is guaranteed by The Prudential Insurance Company for the life of the employee.

In 1960, Sandia Corporation contributed \$3,405,164 to the ever-growing fund which will be paid out to Sandia employees who retire in the future.

### Sandia Retirement Plan

Sandia is relatively a young company and the plan has been in effect only 10½ years. Most employees now retired receive relatively small retirement income from the plan since their period of contribution was less than 10 years.

Younger employees, who have many years of contributing to the plan ahead of them, can look forward to a substantial retirement income.

Consider an average employee, age 30, who for the sake of example, started contributing to the plan this year. He makes \$6000 annually and again, for the sake of example, his salary remains the same until he retires in 35 years.

During this time he would contribute a total of \$9450 to the retirement plan. Divide this by three and his annual income becomes \$3150 annually or \$262.50 monthly. His and his wife's social security checks (under current provisions) would total approximately \$190 monthly. They would enjoy a total retirement income of \$452.50 monthly.

"My Sandia retirement check," Mac MacGregor says, "means the difference between a good retired life and good comfortable retired life."



H. W. "MAC" MACGREGOR, retired Sandia employee, enjoys the view of the Jemez Mountains as he leans against the wall of his home in Ponderosa. In background is cattle corral.



**DAILY CHORES** are an important routine for cattle and has a large garden on his 11 acres of retired employee H. W. MacGregor. Mac raises land at beautiful Ponderosa, New Mexico.



OUTSTANDING SCIENCE and math students planned activities with a visit to the permanent touring Sandia Laboratory on Feb. 10 will conclude Sandia exhibits in the Sphere of Science building.



EDISON DAY TOUR participants will view the "Sandia Story" in the recently redecorated auditorium area of the Sphere of Science. Editors and newsmen attending the New Mexico Press Association meeting in Albuquerque recently heard K. A. Smith, Director of Information, Publications and Public Relations, explain Sandia Corporation's activities in a brief talk in the auditorium.

### Edison Day Tour of Sandia Lab Scheduled for February 10

Sandia Laboratory's fifth annual Edison Day tour for outstanding science and math students will be held Friday, Feb. 10. The observance of the birth of Thomas A. Edison was instituted by the AEC on a nationwide basis to stimulate the interest of young people in scientific and engineering education and careers. This year about 120 students from 13 Albuquerque schools and Belen High School will participate in the Sandia tour. The students are selected by their faculty members.

Activities will start at 12:15 p.m. with a talk by B. F. Murphey (5112) on Project Plowshare. It will be followed by a showing of "The Sandia Story."

Students will then separate into four interest groups. Those interested in mathematics will hear a talk about computers and Robert Lynes (3451) will explain the computer equipment in Bldg. 880. R. G. Elsbrock (3311-1) will conduct a tour of industrial hygiene facilities in Bldg. 830 for biology students.

Another group will visit the chemistry facilities in Bldg. 861 under the direction of Charles Jennings (1124-1). Physics students will receive an explanation by Irving Auerbach (5150) of the Van de Graaff accelerator in Bldg. 803.

Later in the afternoon the en-

tire group of students and accompanying teachers will see the exhibits at Sandia's Sphere of Science. Division 3431 is coordinating tour arrangements.

Livermore Laboratory will hold a Science Youth Day later this month in honor of Edison's birthday. Selected science students from Livermore and Pleasanton high schools will be invited to tour the Laboratory's data center and environmental testing facilities. They will also hear a short talk on the operation of the Laboratory and will be shown "The Sandia Story."

### AEC Special Projects Deputy Visits Sandia Sphere of Science

Visiting Sandia Laboratory's Sphere of Science last week was Chris L. Henderson, Deputy Director, Office of Special Projects, AEC, Washington, D. C. Mr. Henderson spoke earlier in the day at a meeting of the Albuquerque Rotary Club where he discussed the function of the Office of Special Projects. Mr. Henderson described work being done in showing peacetime applications of atomic energy at fairs and exhibits throughout the world.

Special feature of the program was a film on a recently concluded science fair in New Delhi, India.

## Museum Preserves Edison's Endeavors and Achievements

On a cool October day in 1931, one of the greatest Americans of all time — Thomas Alva Edison — died in West Orange, N. J. The world had lost a near-legendary



Thomas Alva Edison

"We shall have no better conditions in the future if we are satisfied with all those which we have at present."

inventor and benefactor. But, differing from that of many other celebrities, the life and accomplishments of the 84-year-old Edison today are well documented and most of his inventions, papers and laboratory devices are readily available for American and foreign admirers to see.

Thousands of visitors each year pass through the doors of the Edison Laboratory National Monument at West Orange, where Edison's laboratory, desk and other facilities have been preserved just as he left them.

Adjacent to factories which are now part of the McGraw-Edison Company, these buildings are a living lesson in history, interestingly described by guides of the National Park Service.

In Edison's Chemical Laboratory are half-filled tubes and bottles from the inventor's last experiment, an effort begun when he was 80 years old to discover a com-

mercially useful synthetic rubber by use of fibers from any of 17,000 plants he tested. The littered desk where he worked remains as he left it, his acid-stained lab coat hanging nearby.

In Edison's multi-tiered library and office, 10,000 volumes form the walls which surround a roll-top desk on which transparent plastic forms a cover for papers and other materials with which Edison was working.

There is a cot on which Edison napped, "made up" just as if the inventor were about to use it. On walls and supports are photos of Edison and famous friends and acquaintances. A clock's hands point to the time of the great scientist's death.

Also in the three-story building are machine shops and laboratory facilities used by his assistants and probably the world's largest collection of early phonograph records.

In an underground vault are Edison's laboratory records dating from 1878, including 3,400 notebooks, 1,093 patents on his inven-

### Edison Had 1093 Patents Issued on His Inventions

Thomas Alva Edison was engaged in various forms of invention for more than 50 years and 1093 patents were taken out on his inventions.

Following are a few of his better-known inventions:

- Electrical vote recorder
- Stock tickers
- Quadruplex and automatic telegraph systems
- Electric pen which developed into mimeograph
- Phonograph
- Ediphone for office dictation
- Incandescent lamp
- Kinetoscopic camera
- Forerunner of radio tube

tions, about 250,000 letters and other records, and some 6,000 objects ranging from a dynamo to a light-bulb filament.

Nearby stands Glenmont, the inventor's home. The beautiful victorian mansion contains the original furnishings and includes the library Edison called his "thought laboratory."



VISIT TO SANDIA'S Sphere of Science was included in the itinerary of Chris L. Henderson, Deputy Director, Office of Special Projects, AEC, during a visit to Albuquerque last week. Charles C.

Campbell, AEC-Sandia Area Office Manager (left), accompanied him on his trip through the exhibits. Mr. Henderson also made an address to the local Rotary Club while visiting the Duke City.



**NATIONAL AUTHORITY** on labor relations, James J. Healy, right, was the featured speaker last week at a four-day Management Practices in Labor Relations conference for Sandia supervisors. Talking with Mr. Healy are E. C. Peterson (3220), left, and George Wayland (3131-1), co-ordinator of conference series.

### Nat'l Labor Relations Authority Speaks at Management Meeting

Speaker last week at a four-day Management Practices in Labor Relations conference for Sandia supervisors was James J. Healy, Professor of Industrial Relations, Harvard Business School. Mr. Healy is author of labor relations articles and books and serves as an arbitrator of labor disputes.

The session was one of 18 labor relations conferences conducted by Supervisory Development Section 3131-1 since March 1959. Some 329 supervisors, from Sandia and Livermore Laboratories, have attended the series of conferences.

One more session of the conference series is scheduled. The management course will be offered in the future as needed to provide training to newly-appointed supervisors.



Mr. Lloyd

### K. H. Lloyd Observes 25th Anniversary With Bell Telephone System

K. H. Lloyd, supervisor of Design Definition Section A III, 4411-3, will observe 25 years service with the Bell Telephone System on Feb. 6.

Ken came to Sandia Laboratory in 1952 as a section supervisor in the Design Definition Department. Prior to that he worked at Bell Telephone Laboratories in Whippany, N. J., as a design draftsman for 11 years.

He started his career with the Bell System in 1936 at Electric Research Products, Inc. (ERPI), a subsidiary of Western Electric Company located in New York City.

### Article by J. C. Moody Appears in Publication Of Sheffield Corp.

"How Temperature Affects the Measurement of Aluminum," an article by J. C. Moody (2751-1) which first appeared in *The Tool Engineer* last year, has been reprinted by *The Sheffielder*, industrial publication of the Sheffield Corporation, Dayton, Ohio.



**GENERAL A. W. BETTS** (center), new director of the Division of Military Application, AEC, listens as W. J. Howard (8100) explains a point during a recent weapons briefing at Livermore Laboratory. At right is R. W. Henderson, Sandia Corporation vice president, weapon programs. General Betts also visited Sandia Laboratory during his inspection tour of AEC weapons facilities.

## City-wide YMCA Membership Drive Will Start Today; Sandians Are Participating

A city-wide membership drive for the YMCA begins today.

With several locations to serve the community, the "Y" offers various recreational programs for children and adults. The recently completed Heights Branch of the YMCA, located near San Mateo and Indian School Rd. NE, is the latest addition to the YMCA facilities.

Active in the drive are many Sandia Laboratory employees who serve in many positions ranging from members of the Board of Directors to sponsors of YMCA youth groups.

R. B. Powell, Vice President, Personnel, is First Vice President of the YMCA Board of Directors. R. W. Henderson, Vice President, Weapon Programs, is also a member of the Board. Serving on the Heights YMCA Branch Board of Governors are Don Jenkins (3130), who is chairman; K. A. Smith (3400), vice chairman, John McLay (1420), who is also on the membership committee, and W. R. Rosenburg (4360), who serves on the program committee.

Some 50 Sandia employees are charter members of the Heights YMCA. "It is significant," Don Jenkins says, "that over one third of the charter members of the Heights Branch are Sandia employees. Corporation employees have always shown an exceptional interest in the program of the Y and have generously supported fund-raising activities of the past."

Charter memberships, which entitle the holder to voting rights in the organization and a voice in governing it, are still available for \$100, Mr. Jenkins reports. Half of the amount goes into the building and equipment fund of the organization and the other half covers

## ASM Members Ready Plans for Nuclear Applications Symposium Here Feb. 16-18

Sandia members of the American Society for Metals are readying plans for a symposium Feb. 16-18 which will offer technical presentations of recent developments in materials for nuclear applications.

Committee for the symposium, which will be held at the UNM Student Union Bldg., includes Sandians A. W. Snyder (5432), technical chairman; H. E. Montgomery (1113), F. A. Hasenkamp (5431), D. W. Grobecker (1121), and D. R. Johnson (1121), publicity.

Mr. Snyder will also be chairman for the keynote addresses by R. E. Schreiber, N-Division Leader, LASL, and U. M. Staebler of the AEC's Division of Reactor Development.

### R. W. Henderson Chairman

R. W. Henderson, Vice President, Weapon Programs, will be chairman for the combined sum-

mary session Friday evening which will feature a talk by A. M. Weinberg, Director, Oak Ridge National Laboratory, on "Projected Needs for Materials for Nuclear Applications."

The afternoon sessions on Feb. 16 will be on Nuclear Fuels and Radiation Effects—Reactor Core Materials and Structures. Fred L. Vook (5150) will be chairman for the latter technical session.

Feb. 17 the morning session will be on Nuclear Fuels, and Moderators, Coolants and Poisons. The afternoon technical papers will be on Advanced Fabrication Techniques, and Radiation Effects Organic and Semi-conducting Materials. Asher Kantz (5432) will be chairman for this session.

On Saturday participants have their choice of two technical tours: at Los Alamos Scientific Laboratory they will visit reactor and controlled thermonuclear fa-

cilities; at Sandia Laboratory they will visit the reactor facilities in Area III (SPRF, pulsed Godiva-type reactor, and SERF, a five megawatt research reactor under construction).

### Registration Fee

The registration fee before Feb. 9 is \$15, which includes coffee breaks and 400-700 word preprint summaries of each paper presented. Checks may be sent to A. W. Porter (4211), treasurer of the Albuquerque ASM chapter.

Fred R. Sweet (1121) is chairman of the local chapter and L. P. Wilson (1121) is vice chairman. Willard Schmidt (5433) is coordinating arrangements with the university.

Technical persons delivering papers include representatives from Battelle Memorial Institute, Argonne National Laboratory, GE-Hanford Atomic Products Operations, Brookhaven National Lab and others.

### P. A. Wilson Retires From AEC After 36 Years Government Service

Paul A. Wilson, Area Manager of the AEC's Los Alamos Area Office, will retire Mar. 1 after almost 36 years of government service.

He has been Area Manager at Los Alamos since January 1956. His first position at Los Alamos in 1949 was Chief of the Laboratory Engineering Branch.

Highlights of his government career include serving as Project Engineer in charge of construction of the Albuquerque Army Air Field (now Kirtland Air Force Base) and Lubbock (Texas) Army Airfield in 1940 and 1941.

In 1942 he was named Construction Chief in charge of all military and civil construction in the Albuquerque District, and was commissioned a Captain in the Army. He left active service in 1946 as a Colonel to become Chief of the Engineering Division of the Albuquerque District where he remained until going to Los Alamos in 1949.



Mr. Moon

### Frank R. Moon Manager of New Livermore Dep't

Frank R. Moon has been appointed manager of the newly-established Security Department 8240 at Livermore Laboratory.

The former manager of Security Standards and Development Department 3230 has been with the Western Electric Company for the past 32 years. He joined Sandia nine years ago as a supervisor in the Purchasing organization in charge of the Mechanical Expediting Division.

He was named manager of Security Standards Department 3230 when it was established in January 1960.

Before joining Sandia Mr. Moon worked at the Teletype Corporation, Chicago, where he held various supervisory positions in the Operations Engineering, Methods, and Personnel organizations.

Mr. Moon's wife, Ruth, and their four children will join him in Livermore when the spring school semester in Albuquerque is concluded.

### C. A. Seay Named Director in ALO Manufacturing Office

Charles A. Seay has been promoted to Director, Plans and Analysis Division, in the AEC-ALOO Office of Manufacturing. He succeeds Don Johnstone, who was appointed Deputy Assistant Manager for Manufacturing.

Mr. Seay has been associated with the atomic energy program since 1945 when he was assigned to the Special Engineering Detachment (Army) at Los Alamos. In 1946 he transferred to the Los Alamos Scientific Laboratory as chief engineer for construction of the Van de Graaff particle accelerator. From 1949-55 Mr. Seay was with Sandia Laboratory, serving progressively in supervisory positions in surveillance, development engineering, and standards engineering programs.

He has been with AEC-ALOO since December 1955.



**INDOOR SWIMMING POOL** of the Heights YMCA Branch is enjoyed by C. E. Katzenberger (4132) and his family. Family memberships in the Y provide many recreational activities for children and adults. City-wide Y membership drive was launched today.

family membership dues for one year

Regular family memberships in the YMCA organization cost \$50; adult memberships, \$18; high school memberships, \$15, and youth memberships (ages 8 to 15), \$12.

In addition to the indoor heated swimming pool, recreation facilities offered by the Heights Y include crafts room, social activities room, kitchenette, lounge and club room. In the downtown YMCA building and the South Broadway Branch, other facilities are available.

Youth groups sponsored by the YMCA include the Indian

Guides, Hi-Y, Tri-Hi-Y, Jr. Hi-Y and Gra-Y. Most of these groups are integrated into school activities and offer supervised recreational activities for youth.

Last week, Jan. 22-29, was national YMCA Week. It marked more than one hundred years of service of the national organization. Founded in 1852, the YMCA is a voluntary organization of young people and adults who as members participate in or sponsor programs of activity and service planned to contribute to the development of Christian personality and Christian society.

In Albuquerque, the YMCA has been established since 1915.

# Sandia Service Awards 15 Year Awards



Philip H. Dailey  
2643  
Feb. 11, 1946



C. M. Abernathy  
2644  
Feb. 12, 1946



Edgell D. Bales  
2442  
Feb. 13, 1946

## Ten Year Awards

Feb. 4-Feb. 17

Harry E. Bell 7251, Wayne F. Bottoms 3242, Piffie R. Chavez 4623, James A. Deakin, Jr. 2643, Walter Dzugan 8212, Albert M. Fellows 3121, Charles A. Fletcher 4211, Malcolm K. Hamm 3463, Jacob E. Isoma 7321, Candido A. Mieras 4573, Norman Richardson 7244, Jack R. Sublett 2560.

Bertha E. Berger 2724, Max D. Engle 2544, Murt W. McMullen 3242, Vernon W. Moore 3242, Vences G. Chavez 4513, Walter J. Henderson 8142, Pat Homan 4511, Victor Reano 4573, Ray E. Williams 7224, George J. Zimmerman 7145, T. L. Barry, Jr. 4234, Harold E. Burrell 4224, William G. Foy 7244.

Alfred R. Holmes 1331, Marshall B. Ludlam 3242, Eugene E. Medina, Jr. 7312, Jose P. Sanchez 4631, Harold L. Smith 2713, Allan F. Beck 1313, Lyle C. Guynes 3424, Moses Loretto 4573, Thomas R. Arrington 7323, Earl G. Coffee 1322, James W. Coughlin 2322, Edward C. Domme 4111, Dorothy S. Evans 4623, Harvey D. Large 2641.

Samuel F. Boyden, Jr. 4233, George H. Davies 3242, Orville L. Howard 7234, Jose D. Jojola 4254, Gene A. Lucero 2721, Anna Mary Martinez 3464, Wilhelm E. Schorr 7145, Floyd W. Tate, Jr. 2322, James R. Coleman 4131, S. C. Gallegos 4574, Viola M. Gomez 4362, John B. Hobart 2724, LaVern J. Wehby 4541, Ramon Armijo 4221, James H. Kimbrough 3242, Dalton W. Savage 7221, Junior A. Woellhart 4514, Harry G. Cherb 2715.

## Basketball All-Stars To Play in Tourney Scheduled Feb. 16-17

The second annual all-star basketball tournament among Sandia Corporation, Sandia Base, Kirtland Air Force Base and Manzano Base will be held Feb. 16, 17, 20 and 21.

The double elimination tournament will be played in the Sandia Base Gym at 7 and 8 p.m. on the above dates.

Twenty-one players were chosen from the eight teams comprising the Sandia Corporation league. Of these, 12 players will represent the Corporation in the all-star tournament.

Lou Kracko (2752) and Clyde Hughes (4412) were named coaches for the tournament.

## Ten Candidates Vying For City School Board Position; Vote Feb. 7

A vacancy on the Albuquerque Board of Education will be filled by election on Feb. 7. Polls will be open from 8 a.m. to 7 p.m.

There are five members on the Board who are elected to staggered six-year terms. This year only one member will be chosen.

Residents of Sandoval County who live in the Corrales area are eligible to vote in the Albuquerque election since their children attend Albuquerque public schools.

Ten candidates, including Sandians Charles W. Allen (2313) and Paul R. Kintzinger (5112), are running for the position.

Elections will also be held in any other New Mexico county where there is a vacancy on the school board.

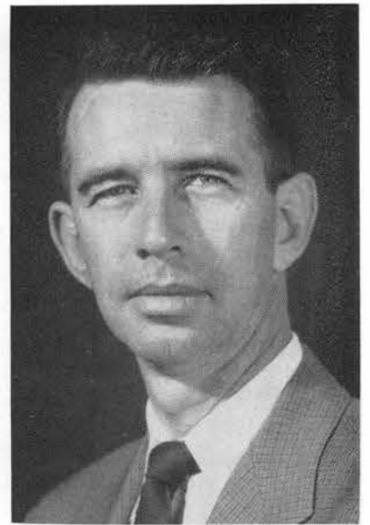
## H. C. Walker Is Livermore School Board Candidate

H. Clyde Walker, supervisor of Test Operations Division 8121, Livermore Laboratory, has announced his candidacy for a vacant post on the Livermore Joint Union High School Board of Trustees. Four of the five positions on the board will be up for election April 18.

Clyde has been active in community affairs since he transferred to Livermore from Albuquerque in 1956. He served as in-plant chairman for the supplementary hospital fund drive, and is currently chairman of the sustaining membership drive for the Twin Valley District of Boy Scouts. He is also vice chairman of the curriculum committee of the Livermore Joint Union High School and sub-committee chairman of the secondary schools objectives committee.

A Sandia Corporation engineer for 11 years, Clyde has worked in field test, test design, and environmental testing organizations. He transferred to Livermore in June 1956, as an engineer in the test section. Before joining Sandia, he worked one year as an engineering aide at the U.S. Naval Ordnance Test Station at China Lake, Calif.

Clyde received his BS degree in electrical engineering from Oklahoma State University in Stillwater, and is a member of the Institute of Radio Engineers.



Mr. Walker

## Illini Club Meets With High School Students Tonight

The Greater Albuquerque Illini Club will meet with high school juniors and seniors at Botts Memorial Hall tonight at 7:30.

Purpose of the meeting is to acquaint the students with the University of Illinois. D. J. Jenkins (3130) will speak on "Value of a College Education" and "Why Illinois?" and J. L. Colp (5431-1) will discuss "High School Relations of the Greater Albuquerque Illini Club."

## The Calendar

Feb. 7  
Instrument Society of America  
Auditorium, EE Bldg., UNM  
Technical Meeting: 7:30 p.m.  
Speaker: Dr. Ruel Kelly, UNM  
Topic: "Development of Electronic Instruments for the Detection and Tracking of Tornadoes"  
Refreshments will be served following the meeting  
For more information call  
Jim McCutcheon (1322), ext. 37167

Feb. 9  
American Welding Society  
Ideal Cement Co., Tijeras, N. M.  
Subject: Plant Operation and Maintenance  
For further information call  
D. C. Leach, CH 7-0361, ext. 421

Feb. 16-18  
American Society for Metals  
Student Union Bldg., UNM  
Symposium on Recent Developments in Materials for Nuclear Applications  
For more information contact  
D. R. Johnson (1121), ext. 53151

This information compiled by the New Mexico Council of Technical and Scientific Societies.

### SHOPPING CENTER

### CLASSIFIED ADVERTISING

Deadline: Friday noon prior to week of publication unless changed by holiday.

#### 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
7. Include name and organization.

### FOR SALE

CUSTOM BUILT 3 bdr., 1 1/2 bath, spacious rooms, hardwood floors, fireplace, disposal, built-in range and oven, available at FHA appraisal. Peterson, AX 9-5921.

PHILCO TV, 1952 model, console. Griego, AX 8-1144.

HOLLYWOOD BED, full size, innerspring mattress, box springs, metal bedframe without headboard, \$45. Durham, AX 9-6484 after 5:30 p.m.

'60 RAMBLER Ambassador custom sedan V-8, push button transmission, PB, PS, R&H, rear speaker, reclining seats, w/w tires, 2,000 miles, \$3,230 or trade for 9-pass. station wagon. Archuleta, AL 5-6781.

PORTABLE TYPEWRITER, Smith Corona Sterling model, tops for students or home use. Sektman, AX 8-0373.

AUTOMATIC DRYER, Signature, never been used, \$150. Vigil, AM 8-7033 after 6 p.m.

MOHAIR COUCH and matching chair maroon, all wool, \$45. Edwards, Ext. 49272.

'58 CHEVROLET Bel Air, 4-dr. V-8, Powerglide, power steering R&H, 2 tone, tinted glass, no trades. Will take NADA wholesale. Clark, AL 5-5747.

26" GIRL'S bicycle, \$20; 26" boy's bicycle, \$10. Luna, 2805 Vermont NE, AX 9-2488.

'54 CHEVROLET station wagon, 4-dr., \$395. Batsel, AX 9-4091.

DINING ROOM set, 9 piece: buffet, china cabinet, table, six chairs, \$100. Pope, 816 Val Verde Dr. SE, AL 5-6702.

26" GIRL'S Schwinn bicycle, foot brakes, cost \$60, used very little, \$25. Frantik, AX 9-4828.

HI FI equipment enclosure, Heathkit chairside, finished mahogany, \$35; speaker enclosure, folded horn, finished oak, \$25. Dossey, 7501 Summer NE, AL 6-0857.

MOSSMAN PASADENA, 3 bdr., 1 1/2 baths, hw floors, carpeting, central heat, air conditioning, sprinklers, landscaped, walled backyard, by owner. Hamlin, AM 8-9687.

'55 FORD 2-dr., new tires, R&H, will trade. LaPoint, AM 8-2290.

JEEP, 1946 CJ-2, 4-wheel drive Universal, metal half-cab, good tires, new battery, \$475. Hughes, 2916 Avenida Nevada NE, AX 9-6674.

DINING TABLE, blond oak with two extension leaves, eight matching upholstered chairs, \$65. Jercinovic, AL 5-8027.

'58 RENAULT Dauphine, 4-dr. economy car, engine just tuned, reliable transportation, \$650. Norton, BU 2-3165.

PLATFORM ROCKER with ottoman, gold tweed cover, \$15. Flanigan, AX 9-0049.

RCA VICTOR phonograph, 4-speed, portable, diamond needle, with 15 used records. Smith, AL 5-3244.

'47 FORD panel, 4-speed transmission, \$110. Woolrich, AX 8-0563.

RECEIVER, Heath MR1, \$100. Day, AL 6-6360.

'51 CHEVROLET, R&H, reasonably priced. Langenhorst, 2804 Quincy NE, AL 5-8937.

HEATH HI-FI equipment, AM tuner, FM tuner, monophonic preamplifier, monophonic 25-watt amplifier, \$100. Smith, 10109 Maya Ct. NE, AX 9-6873.

STUDIO COUCH, brown, makes into double bed, \$40; mahogany end tables, coffee table, \$8 each. Bishop, AX 9-0649 after 5 p.m.

'53 WILLYS Aero-Ace, 4-dr., overdrive, R&H, 2-tone paint, w/w tires. Bewley, 1101 Alcazar NE, AL 5-8024.

TIRE CHAINS, reinforced, 7:10x15 and 8:50x14, used very little, \$7.50. Auerbach, CH 2-6478 evenings.

1917 ENFIELD, 30-06 with sling, \$25. Bryant, AX 9-8315.

'58 MERCURY Montclair, painted desert rose, or 1952 Chrysler New Yorker, both have PS, PB, R&H. Magee, AL 6-1358.

VACUUM CLEANER, little used, Eureka, all attachments, \$22; photo copier w/ Contura camera, flats and books, adjustable, automatic timer. Quinlan, AM 8-5665.

SAKO FORRESTER rifle, caliber .308, Winchester, \$110, terms. Donaldson, BU 2-3175.

4 BDR. HOME, den, formal entry, 1850 sq. ft. of living area, sell or trade for home in Belen. White, AX 9-7566 after 5:30 p.m.

'59 RAMBLER super 4-dr. w/OD, R&H, whitewalls, reasonable. DeHerder, Ext. 43258.

CAMP TRAILER 15 ft., 2 gas bottles, new tires, extra sleeping space, pre-season price for quick sale. Stixrud, DI 4-7873.

FULL SIZE mattress, springs on metal frame w/bookcase headboard, \$20; Syracuse china, Federal shape, Portland pattern, half price. Stein, AX 9-8875.

ENCYCLOPEDIA, 20 vol. plus three year-books and bookcase, \$125. Simmons, 3195 W. Sandia Dr., ext. 36295.

RIFLE, sporterized 7.7mm. Strong, pre-WWII Jap action, maple stock sling, commercial ammo available, \$35. Bauder, AX 9-7322.

'51 HOUSE trailer, 30 ft. Elcar, \$925. Lackey, Ext. 47257.

'53 PLYMOUTH 2-dr., rebuilt motor, new radiator, good tires, \$300. Long, AX 9-1416.

GAS RANGE, RCA Estate, full size, slightly damaged, make offer. Melvin, AX 9-8913.

ROBERSON 3 BDR., 1 1/2 year old, 2-car garage, dishwasher, playhouse, children's pool, air conditioned, 1 1/2 baths, built-ins, Sedgwick, 3421 Parsifal NE, AX 9-9071.

TARGET PISTOL, Hi Standard HDM .22, \$30; Winchester 92 rifle 25-20 cal., \$30. Want U.S. coins and old guns. Zaluga, 1321 Van Cleave NW, DI 4-1564.

'50 CHEVROLET 2-dr., good second car, \$150. Bland, AM 8-4913.

SCOOTER, 1959-60 Sears Vespa, \$200. Urbarrri, AL 6-1270 after 5 p.m.

'40 CHEVROLET 2-dr. bus. coupe, heater, good tires, \$100. Peurifoy, 1709 Vermont NE, AX 9-1606.

MAYTAG WASHER, \$60, or trade for dryer; baby bed, \$20 or best offer. Gonzales, AX 9-7208.

LAWN MOWER, hand powered, Sears, 16 inch cut, used one summer, \$15. Cockrill, AM 8-5502.

DOUBLE BED, maple, box spring and mattress, \$35; dust ruffle and spread, \$5; set of stainless steel cookery, ideal for camping, \$25. Kochmann, AX 9-5133.

'49 FORD 2-dr. sedan, runs good, R&H, \$115 or best offer. McCoy, AM 8-1525.

AUTOMATIC WASHER, Whirlpool, \$35; red Kroehler chair, \$15; green Kroehler sectional divan, \$50. Adams, AL 6-7334.

POLAROID LAND camera, model 150 with flash and case, \$60. Stephenson, AX 9-3914.

'57 BUICK Century hardtop, \$895, must sell. Dave Henshaw, 9000 Zuni SE, space E-14, or ext. 46149 noons.

## NEXT DEADLINE FOR SHOPPING CENTER ADS Friday Noon, Feb. 10

AUTO-WASHER Kelvinator, \$30, needs minor repairs. Liguori, AL 6-3613.

MOSLEY JR. 3-element beam, \$45; radar antenna roter complete with cables and remote indicator, \$60. Bortniak, AL 6-3177.

3 BDR, den, fireplace air conditioner, screened patio, double carport, below appraisal, \$14,740, \$550 down, FHA. Thunborg, 1837 Britt NE, AX 9-0326.

'49 CHEVROLET, good second car transportation, R&H, slightly damaged, could be repaired, '61 license plates, \$50. Michnovicz, AL 5-4729.

TAN DACHSHUND puppies, purebred, no papers, females \$25, males \$30. McVeety, AX 9-5718.

'51 FORD 4-dr. sedan, automatic shift, R&H, snow tires on rear, \$75. Di Giuseppe, AX 9-7286.

TUBELESS TIRES, two, 6-ply, 6:50 x 16, these are "Take Off" tires, \$19.50 each or trade for most anything. Stuart, AX 9-9190.

NEW PORTER cable 6 1/2" Skil type saw w/case, \$45. Want boy's 26" bicycle. Pliner, 6210 Bellamah NE, AL 6-1907.

BRAND NEW 1940 Chevrolet coupe, recent overhaul, new tires, paint, U-joint, '61 license plates, \$250. Leamon, AL 5-6419.

ENCYCLOPEDIA, Wonderland of Knowledge, \$10, other books. McReynolds, 509 Florida SE, AL 5-2615.

EXPLORER'S Uniforms, two, size 14, \$5 each. Kent, AL 6-1221.

MOSSMAN RESALE, 3 bdr., 1 1/2 bath, den, landscaped. Two couches, white plastic with bolster cushions, \$55 pair. Natoli, AL 8-5033 after 5:30 p.m.

TURQUOISE LIVING ROOM set, \$75; tables and lamps, \$25; or complete set for \$85. Montoya, DI 4-6222.

21" TV, Silverstone, table model, lined oak case, 17" Crosley TV, console, mahogany case. Nissen, AL 5-5657 after 5 p.m.

FURNITURE and household items: automatic Roper range, sofa, chair, etc., complete apartment liquidation. Shurter, CH 2-5677.

ROLLIFLEX, f3.5 Zeiss Tessar, case, two filters, \$85; close-up lens, \$15; 22 Ruger single 6, \$40. Revels, DI 4-3033.

WOODEN GARAGE door w/hardware, \$20. Calvery, AM 5-0351.

39 LB. BOW, Kodiak Special, 1 doz. aluminum target arrows, arm band, finger glove, all slightly used, \$100 value, all for \$45. Cordova, AX 9-3460.

'48 DE SOTO, one owner. McMillan, AX 9-0305, 1518 Katie NE.

'52 PICKUP, 1/2 ton, 4-speed transmission, R&H, overload springs. Salazar, AL 5-1301, 420 Graceland SE.

'57 MERCURY Voyager station wagon, all factory power assists, air conditioned, white and red, extras, will consider trade, \$1195. Chandler, AX 8-1705.

'59 CHEVROLET Biscayne, R&H, will consider older car in trade. McCoy, AX 8-0193 after 5.

17" TV, Magnavox console model, 12" speaker, mahogany, \$50. Leslie, AX 8-2178.

WESTERN SADDLE, \$48.50; antique racker w/contour seat, \$60; guitar, \$130 new, now \$50. Galbreath, 3730 Manchester NW, DI 4-4306.

REFRIGERATOR, 6-ft. Westinghouse, \$50. Silva, CH 2-4934 after 5:30 or AL 6-4935, 1416 Edith SE.

3 BRM HOME, Roberson, den, screened porch, double garage, corner lot, 1 1/2 baths, patio, landscaped, many other extras. Weir, AX 9-1160, 2117 Martha NE.

TWO TABLE MODEL TV's, RCA 17", \$45; Admiral 21", \$95. Boulriere, AL 6-7486.

'59 PLYMOUTH Fury convertible, new top, R&H, PS & PB, \$2100 or trade equity for older car. O'Neal, AM 8-1851 or AL 5-5149.

AMERICAN RIFLEMAN, 1950-1960 complete, some in binders, \$25; Sharpes "Complete Guide to Handloading," \$5; flame thrower, \$12. Shunty, AX 9-2787.

21" TV, Emerson, mahogany console w/casters, \$65. Stark, 1334 Marron Circle NE, ext. 49241.

3 BRM HOME, 1 1/2 baths, fireplace, rugs, drapes, double garage, extras, \$18,900, low down payment, 4017 Alta Monte NE. Brown, DI 4-6831, open.

DACHSHUND PUPPIES, AKC registered, red, available Mar. 15. Neel, AX 9-9309, 3617 Espejo NE.

3 BRM HOME, 1 1/2 baths, corner lot, double garage, \$450 down FHA; 1949 Buick Super, R&H, best offer; Siamese kittens, \$10. Carpenter, AX 9-3519.

HOUSE TRAILER, 1955 Imperial, 8 ft x 43 ft., 2 bedroom, Space 12A, 530 Utah SE. McRacken, AM 8-8382.

NEW MOSSMAN, 3 bdr., den rough-in, separate dining room, entrance hall, 1 1/2 baths, landscaped, \$1700 down plus small contract. Snyderman, AX 9-4842.

LINED DRAPES, green and white striped, 96 in. wide x 56 in. long and 130 in. wide x 56 in. long. Bode, AM 8-2157.

TWO TIRES, white sidewalls, 8:00 x 14, Atlas, less than 2,000 miles, \$20 each. Chacon, AX 9-3306.

SAFETY SHOES, nearly new men's brown, size 9 wide, \$5; Kenmore buttonholer and zigzag attachment, both \$4. Southerland, AX 8-1647.

'53 FORD 2-dr. sedan, R&H, OD, \$185. Beavis, DI 4-6360.

'51 CHEVROLET 1/2 ton pick-up, \$225. Pierce, AL 5-7923.

### WANTED

TO JOIN CAR POOL, vicinity of Candelaria Rd. and Rio Grande Blvd. to Gates 1, 3, 4 or 6. Rutledge, DI 4-2071.

WOMAN TO CLEAN house one day a week for small family, Friday preferred. Miller, AL 6-6020 after 5:30.

COMMUNICATIONS TYPE short wave receiver; also phone and CW transmitter, about 75 to 150 watts. Savage, AL 6-1370.

CAR POOL members from Northeast area Baldwin to Menaul, Eubank to Morris, to Gates 4 or 5. Stephenson, ext. 52159.

RIDE FROM 3013 Georgia NE to Gates 1, 2, 3 or 4. Tuthill, AM 5-0844.

USEABLE CLOTHING, canned goods, odd pieces of furniture, badly needed by welfare families. Call Shepherd, AL 6-2059 for pickup.

TYPING to be done at home by experienced typist, reasonable rates. Schonberg, AX 9-9437.

RIDE from 6205 Zimmerman NE to Gate 1. Newman, AM 8-0314.

CHILD CARE in my home, prefer 2-4 age group, female, permanent week-day basis. Coon, AX 8-0845, 6931 Edwina NE.

CAR POOL MEMBER from Lavaland addition to vicinity of Bldg. 800 or 828. Alpaugh, CH 7-4505.

GIRL'S BICYCLE, 26", must be in good condition; also ride or share driving from 4312 Goodrich NE to either Gates 7 or 8. Shieler, DI 4-8617.

CAR POOL, vicinity of N. Fourth and Indian School Rd. Dykema, ext. 21265.

CHILD CARE in my home, Monday through Friday. Harris, 9512 Cordova NE, AX 8-1610.

TO CONTACT young lady who mistakenly took the brown Dobbs hat from Coronado Club one noon in December. Gardner, ext. 54248.

MOVIE CAMERA, projector and screen in good condition; also large butane tank. Chavez, AL 5-5461.

CAR POOL from Pickard NE in Mossman Starlight addition to Sandia Corp. Magistad, ext. 41133.

TO TRADE 4-pc. chrome and grey dinette set for round table wooden set. Reinertsen, AL 5-1954.

TO JOIN car pool from vicinity 2610 Gen. Arnold NE, Hoffmantown, to Gate 7 or 8, Bldg. 870. Boice, AX 9-3260.

### FOR RENT

PRIVACY, 3 acres, large mobile home, between Tijeras and Western Skies, \$70, water and electricity included, adults only. Cramblitt, CH 2-6576.

APARTMENTS, unfurnished, stove, refrigerator, air conditioning, two bedrooms, washer rough-in. Milligan, CH 2-2959.

LARGE BEDROOM with private bath, near base. LaBrier, AX 9-8808.

FURNISHED APT., 3 room, gas and water furnished, \$75. Burnett, 6710 Acoma SE, DI 4-3563.

3 BDR. HOUSE, 1 1/2 bath, carpeting, brick, located near Hoffmantown, 2121 Hendola Dr. NE. Magistad, ext. 41133.

2 BDR. stove, refrigerator, garage, enclosed front terrace, 526 Dartmouth Pl. SE near Bandler school and market, \$85. Jones, AL 5-3390 after 5:30 p.m.

1 BDR completely furnished house, \$75 per month, water and garbage paid. Reinertsen, 417 Chama NE, AL 5-1954 after 5:30 p.m.

LAMPLIGHTER apartments, 3 rooms furnished, ideal for bachelor or couple, near bases. Stoner, AL 6-7987 afternoons or evenings.

2 BDR. HOUSE, garage attached, stove furnished, close to base, schools, bus, landscaped, \$70, water paid, 150 Mesilla NE. Lee, AX 9-7035 after 6 p.m.

UNFURNISHED 3 bdr. house, 1 1/2 baths, refrigerator, electric stove, air conditioned, outlet for dryer, \$95, water and garbage paid, 2912 Aliso NE. Earnheart, AX 9-7126.

2 BDR. HOME, 708 Arizona SE w/w carpeting, air conditioned, central heat, garage, walled yard, screened patio, water and garbage paid. Tillman, AL 5-6292 weekends and evenings after 6 p.m.

3 BDR. HOUSE, 1 1/2 baths, furnished, \$150 month. Bascom, 8706 Candelaria NE, AX 9-1662.

### LOST AND FOUND

LCST—White gold Hamilton watch w/black band, man's brown hat, brown fur-lined glove, leather palm gloves, Ford key on chain, brown scarf, grey fur-lined gloves, white stretch glove. LOST AND FOUND, Ext. 26149.

FOUND—Camera lens 1:2.8/45mm; black leather gloves, turquoise glass case, sun glasses; blue padded glass case. LOST AND FOUND, Ext. 26149.

### FOR SALE AT LIVERMORE

'56 PONTIAC 4-dr. sedan, V-8, hydromatic, R&H, many extras, \$695. Herbolzheimer, HI 7-4040.

'51 FORD rebuilt engine, clutch attached, \$50; 14 ft. boat with controls, 12 H.P. electric starting outboard, trailer, \$325. Smith, HI 7-1299.

'55 MERCURY Montclair, 4-dr. sedan, automatic transmission, R&H, seat belts, recent valve and brake job, make offer. Jost, HI 7-2769 after 5 p.m.

DINETTE SET, maple, dropleaf table 36" x 48", four upholstered chairs, \$40. Sorenson, HI 7-0981.

DUNCAN PHYFE drop leaf table, mahogany, three leaves, custom tailored pads, \$60. Carico, JE 8-5780.

3 BDR. HOUSE, 2 baths, stove, refrigerator, disposal, carpeting, draperies, insulation, double garage, landscaped, fenced yard, 5 1/4% G.I. loan. Crafts, HI 7-3147.

3 BDR. HOUSE, 1 bath, hardwood floors, central heat, insulated, 220 volts, double garage, covered patio, trees, fenced, total shed, \$14,000. Myers, HI 7-3973.

### WANTED AT LIVERMORE

CEMENT MIXER, used portable electric. Hymen, HI 7-3971.



LOOKING OVER Sandia Corporation's scrapbook entry in a fire prevention activities contest are (l to r) Walt Smith, Ted Rosenwald and Marv Range. They are all fire inspectors in Section 4542-1.

### Sandia Lab Fire Prevention Program Earns High Honors for Corporation

Sandia Corporation has been ranked 11th out of 113 industrial organizations which competed in a fire prevention contest sponsored by the National Fire Protection Association.

Basis for judging was a detailed entry blank accompanied by a scrapbook indicating five different areas of fire prevention activities at Sandia Laboratory.

The five areas are year 'round inspections, fire brigade activities, year 'round employee fire control education, Fire Prevention Week program, and results.

The scrapbook contained photographs, samples, reports, letters, representative newspaper clippings and other appropriate material which confirmed claims made in answering the entry form questions.

Sandia Corporation is the only firm in the top grouping which does not have its own fire department.

Personnel of Inspection Section 4542-1 handle Sandia's fire prevention activities. Ted Rosenwald, Marvin Range and Walt Smith are the fire inspectors who regularly visit Sandia organizations to make sure there are no fire hazards. If they find any, corrective action is taken immediately to remove the hazard.

Part of a successful fire prevention program depends on condition of fire fighting equipment.

At Sandia, Tom Silva (4511) is responsible for fire alarm maintenance, J. J. Schenck (4514) inspects, services and installs all fire extinguishers, and J. T. Knott, J. Woellhart and A. L. Metzger (all 4514) keep the sprinkler systems in top shape.

Helping to prepare the scrapbook for presentation were Dick Strome and Cecil Kinney, of Technical Arts Division 3463. Harriet Evans (3423-4) did much of the preliminary research work for the book.

"While Plant Services and Security personnel received recognition for the performance of their many and varied responsibilities in Sandia Corporation's fire protection program, it should be borne in mind by all Sandia personnel that fire prevention depends very basically on orderliness and cleanliness of our working areas," says Sam Johnson, supervisor of Division 4542.

"The fact that we keep a clean house was undoubtedly the largest contributing factor in keeping 1960 fire losses at the small figure of \$205," he concluded.



CARTOONS, similar to the one shown above, introduced each of the five different categories covered in the scrapbook entry.



THIS DISPLAY showed several of the fire prevention devices which Sandia uses and also a picture of a sprinkling system.



FIRE PREVENTION WEEK activities included issuing special memorandums and displaying posters throughout Sandia.



NEW CONTAINERS for classified waste are satisfactory only when properly used. Jose Frank Chavez (3241) at right shows what he should find when opening one of the containers for disposal of the burn bags. At left somebody goofed! Loose pages of classified material were dropped into the box without first being torn into 3"x3" pieces and placed inside a burn bag, and stapled when full. Only extreme precautions assure security.

### Classified File 'Purge' Pulls 66,000 Documents From Sandia Active Files

Sandia Corporation's 1960 classified file "purge" resulted in 66,639 documents being sent to Central Record File or Archives, or destroyed.

The clean-up campaign, which started in August, was conducted by Security Audit, Survey and Results Section 3231-1. It was held in conjunction with the introduction of a completely revised method for distinguishing classified information.

With 95 per cent of the organizations reporting, a breakdown of figures for Sandia Laboratory shows that 3244 documents were sent to Central Files, 4756 were sent to Archives and 49,035 were destroyed.

At Livermore Laboratory, 2468

went to Central Files, 101 were sent to Archives, and 7035 were destroyed.

The 57,035 total at Sandia Laboratory represents an increase of 37,030 over the 1959 classified file clean-up results.

"Since more emphasis has been placed on keeping classified files cleaned out, many more obsolete, duplicated and unnecessary documents are being properly disposed of at periodic intervals," says Tom Hanna, supervisor of Section 3231-1.

"By reducing the classified document inventory for which organizations or individuals are responsible, security infractions are cut down," he continued.

Following is a breakdown of 1960 results by vice presidencies:

Org.	Sent to Central Files	Sent to Archives	Destroyed	Total
1000	431	15	4,314	4,760
2000	685	167	14,458	15,310
3000	226	1,675	7,479	9,380
4000	20	890	2,489	3,399
5000	246	152	891	1,289
6000	0	0	13	13
7000	1,636	1,857	19,391	22,884
<b>Total Sandia Laboratory</b>	<b>3,244</b>	<b>4,756</b>	<b>49,035</b>	<b>57,035</b>
<b>Livermore Laboratory</b>	<b>2,468</b>	<b>101</b>	<b>7,035</b>	<b>9,604</b>
<b>Grand Total</b>	<b>5,712</b>	<b>4,857</b>	<b>56,070</b>	<b>66,639</b>

Continued from Page One . . .

### Sandia Pulsed Reactor

Alamos Scientific Laboratory which has operated more than three years without a hazardous incident. SPRF's uranium assembly was built by LASL and has been used for more than a year undergoing operational checks and as a radiation source for Sandia and DOD radiation effect studies.

Paul D. O'Brien and J. C. Conant (both 5431-2) have been at Los Alamos during this time learning the operation of the assembly. Mr. O'Brien will be responsible for the operation of SPRF. Sandia Health Physics personnel also underwent training at LASL.

With the exception of uranium assembly, SPRF was designed by Department 5430 and fabricated

in Sandia's Development Shops organization.

"It should be emphasized," Mr. Colp says, "that SPRF was designed for a specific purpose, departing from the basic Godiva II design solely to make the reactor more compatible with the requirements of Sandia's radiation effects program. Guidance of the LASL people associated with Godiva II operations has been invaluable in this effort."

In addition to the reactor and beam-catcher buildings, the facility includes a 16x32 ft. instrumentation building and a 32x125 ft. control and operations building. The control building contains the reactor control room as well as office and laboratory space for personnel.

Construction of SPRF started last July. At the same time work began on the control system and instrumentation. Total cost of the facility was \$550,000.

"This record construction time could not have been accomplished," Mr. Ellett says, "without the invaluable help of many Sandia organizations such as Purchasing, Field Testing, Engineering Support, Expediting and Service Operations organizations."

A detailed technical description of SPRF is available in a Sandia Corporation Monograph, SCR-229, "The Sandia Pulsed Reactor Facility."

### Sandia Representatives to Study Vocational Field With Counselors

Several representatives of Sandia Laboratory will meet with Albuquerque Public School counselors on Feb. 17 to discuss the vocational education field.

Primary objective of the meeting is to give the counselors a more realistic picture of skilled occupations and the people employed in these areas.

The meeting, to be held in Bldg. 815, will be moderated by Earl Wilson (3131-2). Following the showing of the film, "The Sandia Story," Vernon Henning (3151-2) will describe skilled trades at Sandia Laboratory.

Mel McCutchan (3132) will explain Sandia's Technical Institute and Engineering Aide Program, and Wilbur Miller (3132-2) will define skilled craftsmen and quality of apprentices.

After a question period, led by Earl Wilson, the group of 50 counselors will tour the electronics training laboratory at Sandia.

Handling arrangements for the schools are Stanley W. Caplan, coordinator of guidance services; Nelson W. Lowery, coordinator of vocational education; Dr. William Jamieson, associate coordinator of guidance services, and Jack Goodner, vocational consultant.

Long range goal of the Albuquerque Public Schools' vocational education staff is the stimulation of needed emphasis and interest among counselors in all areas of skilled trades.

### R. W. Weaver to Present Paper to Plastics Conference

Robert W. Weaver (8115-2) will present a technical paper in Chicago Feb. 7 at the 16th annual exhibit and conference of the Society of the Plastics Industry. Title of his paper is "Development, design, and production of plastic-impregnated paper honeycomb to fit curved surfaces."

Information in the paper is based on work done by Mr. Weaver in the Materials Application Division at Livermore Laboratory. He has been in materials work since He joined Sandia in August 1957.

He is a member of Alpha Chi Sigma, professional chemical society, and a registered chemical engineer in the state of Washington.

### Welcome Newcomers

Jan. 16-27

Albuquerque	
Arthur J. Arenholz	1113
Betty J. Brumfield	3452
C. Ruth Harsche	4413
*Barbara A. Illig	3452
Kent O. Johnson	4231
Amy L. Lawrence	3126
Sandra S. Lucas	4622
Marianne K. Newton	4343
Mary Ann Pino	3153
*Christine G. Sullivan	3423
Juanita E. Slowikowski	3423
Jim L. Starkovich	3466
*Olen Stephens	7322
Phyllis M. White	3126
*Wilbert R. Wood	7234
Illinois	
Thomas A. Howard, Forest Park	2421
Wisconsin	
Merton M. Robertson, Madison	1122
* Denotes rehired	
Returned from Leave	
Shirley A. Brown	4423
Alice J. Port	7535
Theodore S. Trybul	7183

### Sandia's Safety Record

**Sandia Laboratory HAS WORKED 1,600,000 MAN HOURS OR 46 DAYS WITHOUT A DISABLING INJURY**

**Livermore Laboratory HAS WORKED 4,375,000 MAN HOURS OR 1811 DAYS WITHOUT A DISABLING INJURY**