

# Naturalized Citizens View Bill of Rights

The birth of American freedom will be observed next month. Backing up the Constitution of the United States are the first 10 amendments, commonly known as the Bill of Rights, which spell out nearly all of the guarantees of personal liberties which have become the basic birthright of Americans.

America has continued through the years to be a land of opportunity for foreign born peoples. Many of these emigrants, who

later became naturalized U. S. citizens, hold certain rights in special regard as they may not have been present in their native country.

Sandia Corporation has a number of naturalized citizens in its employ, varied in country of birth and varied in job.

Four of them were interviewed by the Sandia Lab News to determine which one of the amendments they felt was of most importance to them.

Here are their reactions:



**JOSEPHUS C. WEBER**, illustrator in technical art (2463), arrived in America in 1936 from Holland to study for the priesthood—but illness forced him to quit after two years. Joe already had a Master's degree in art from the Royal Academy in Brussels and had painted murals in churches and theatres throughout Europe, so he turned naturally to art as a profession. Joe said, "Regarding personal rights, the privilege of free speech and free press made the most impression on me. Holland is democratic but you can't openly disagree with the Queen."



**NORMAN SINNOTT**, a staff associate in field test (5213), spent several months in Seattle during World War II waiting for a ship to be outfitted for the British Navy. After the war he left England to marry a Seattle girl. Concerning the Bill of Rights Norm said: "I consider the fifth article the most valuable to democracy as it contains the basic rights least tolerated by any dictatorship. Your life, property and liberty are protected in the first and last parts of this article—prime protection of civil liberties and the first rights taken away by dictators."

## "Bill of Rights"

**Article I. Freedom of Religion, of Speech, of the Press, and Right to Petition**

**Article II. Right of People to Bear Arms Not to be Infringed**

**Article III. Quartering of Troops**

**Article IV. Persons and Houses to be Secure from Unreasonable Searches and Seizures**

**Article V. Trials for Crime — Just Compensation for Private**

**Property Taken for Public Use**

**Article VI. Civil Rights in Trials for Crimes Enumerated**

**Article VII. Preservation of Right of Trial by Jury**

**Article VIII. Excessive Bail, Fines and Punishments Prohibited**

**Article IX. Reserved Rights of People**

**Article X. Powers Not Delegated, Reserved to States and People Respectively**



**JAMES W. McRAE**, President of Sandia Corporation, came to the United States in 1933 from British Columbia for the opportunities offered here. He held a graduate assistantship at California Institute of Technology while working on his Master's and PhD degrees then went to work for Bell Laboratories. Regarding the Bill of Rights, Mr. McRae said, "As far as I can see it is a 'package deal'. If you take away just one of the freedoms the remainder have little value. It is important for America to guarantee all privileges in the Bill of Rights."



**FRANCES STRACHWITZ**, a cataloger in the technical library (7223-3), emigrated with her family to America from Germany in 1947. After attending Dominican College of San Rafael and the University of Nevada she did research work in California. Frances believes: "If you don't have the first article guaranteeing freedom of religion, speech and the press you can't keep the other rights. I also like article nine which reserves the rights of people and article 10 which states powers not delegated are reserved to states and people respectively."



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### Bldg. 836 Nearing Completion; Expect To Move in August

Occupancy of Bldg. 836 now nearing completion in Tech Area I will be completed sometime in August, R. M. Officer of Structural and Planning Division 2441, reports. Engineering and drafting organizations will use the 79,000 sq. ft. of space to be provided by the new building.

The moving-in process will start as soon as possible, Mr. Officer said, and will follow a schedule to be released later.

### West Coast Supplier Quality Meeting Planned by Sandia

Representatives of Sandia Corporation Operations organization 2000 will meet with suppliers for a two-day program in Los Angeles July 10-11, K. S. Spoon, Purchasing Agent 2300, announces. The Hollywood Roosevelt hotel will be the scene of the meeting.

The meeting will be the second in a series planned as part of the Corporation's supplier quality de-

velopment program. The first meeting was held in March in Albuquerque. The Los Angeles meeting will be attended by about 200 quality control representatives of Sandia suppliers from the West Coast area.

Purpose of the quality development program is to improve the quality of work done by Sandia's suppliers. "Regular commercial quality does not meet the requirements of Sandia Corporation and a modern weapons program," Mr. Spoon said.

### IRS Explains Actions to Be Taken Pending Government Tax Case Appeal

The Internal Revenue Service has disclosed action being followed on the cases of Sandia Corporation employees affected by the recent U. S. District Court ruling on taxation of moving and travel expenses.

Two Sandians, Sherrill O. Woodall (7412) and Glenn S. Mills (1441), sued the government in a test case for refund of federal income tax paid on moving and travel expenses reimbursed to them as new hires of the Corporation. U. S. District Judge Carl A. Hatch ruled in their favor. The government has 90 days from the date of the trial (June 5) to appeal the decision.

Meanwhile Evan S. Lloyd, Acting District Director of the Internal Revenue Service, states that no action will be taken at the present time on cases where assessments of additional tax have been made and the tax has been fully paid.

"Any claims received will be placed in a pending file until final decision is rendered relative to the taxability of the reimbursement received," he said.

In cases where partial payment of the tax has been made (through payroll withholding or some other arrangement), Mr. Lloyd said that any further collection procedures will be suspended on that tax which is attributable to travel or moving expense.

Any tax which might be due to adjustments other than to travel and moving will be collected as will any payments made voluntarily by taxpayers in order to save interest. The same action will be followed on cases where assessments of additional tax have been made and no payment has been made.

Regarding cases which have been examined and upon which 90-day letters have been issued, but assessment has not been made, Mr. Lloyd said that at the end of the 90-day period the Revenue Service will proceed to make assessments. However, collection action will be suspended on any tax attributable to the adjustment of travel and moving expenses. A similar procedure will be used in cases not yet processed and still open.

### R. W. Henderson V. P. Development Effective Aug. 1

At a meeting of the Board of Directors of Sandia Corporation held yesterday, R. W. Henderson



R. W. Henderson  
—New Vice-President—

was elected Vice-President effective Aug. 1, and will be responsible for all operations at Albuquerque, succeeding R. E. Poole.

As previously announced, Mr. Poole is assuming responsibility for all operations of the S. C. Livermore Branch. Effective Aug. 1, he will devote his attention to that assignment prior to his actual move to Livermore.

### Three-Month Dream Vacation in Europe Planned by Charles P. Glaese

Leaving July 30 for an extended vacation in Europe, Charles P. Glaese (7411-4) and his wife, Eva, will climax months of planning and anticipation. The couple plans a three month tour of Sweden, Denmark, Germany and Switzerland.

Mrs. Glaese will be on sabbatical leave from her duties as assistant professor of business administration at the University of New Mexico. She has been invited to visit the Olympia Typewriter manufacturing facilities in West Germany and hopes also to visit various technical and vocational schools while in Europe.

Mr. Glaese, whose mother was born in Switzerland, will visit relatives that he has never met. He is looking forward to the experience.

From New York the couple will travel by boat to Sweden where they will rent an automobile and leisurely tour the country. They

have been preparing for the trip by studying language records, poring over maps, and saving vacation time.

Mr. Glaese will be back at the Corporation and his duties as drafting checker about Oct. 28. He will observe his tenth service anniversary at Sandia next week.



C. P. and Eva Glaese  
—months of planning, anticipation—

### SPIE Meets

The Society of Photographic Instrumentation Engineers will meet tonight at 7:45 in Room 104 of Mitchell Hall, University of New Mexico. Dan Parsons (5221-1) will demonstrate use of optical testing devices. Other business will include election of a new secretary-treasurer.



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



## The Money's Yours

The Associated Press has picked up the closing paragraph of the Sandia Lab News editorial of March 8 entitled "The Mythical Money Tree" which read:

"We think our taxes are high now, but consider this: The cost of operating Sandia Corporation for one year is greater than the income taxes all 6300 of us will pay (at current rates and earnings) in the next 20 years."

The AP sent the release to its 1900 members the country over with the explanation that this was a good reminder for all persons spending federal money.

Today, even more than before, the nation is watching the government purse strings. Taxpayers (that includes all of us) are not begrudging money well spent, but they are viewing with alarm the fellow who wants to squander that tax money they have parted with in such great quantities.

Each of us here at Sandia Corporation has a duty to avoid waste of time, money and material and stretch those tax dollars as far as possible. Spend that money as if it were your own, for it is.

## Sandians Who Serve

This is another in a series of articles describing the community activities of Sandia Corporation employees.

A brief sample of American family home life will be enjoyed by a Norwegian student exchange next week through the courtesy of Lillian Bowers (4131) and her husband.

Lillian was one of five hostesses chosen by her church minister to



Lillian Bowers

entertain foreign youngsters over the Independence Day holiday.

The Bowers will meet their guest, Vera Heber, next Wednesday afternoon. She will be arriv-

### Completes Training

Howard Wicke (5126) has returned from an extensive training program in numerical analysis given at the National Bureau of Standards in Washington, D. C. The program was jointly sponsored by the bureau and the National Science Foundation.

### Sandians Attend Seminar

Several Sandians are attending a four-week seminar in applied mathematics at the University of Colorado campus in Boulder. They are: Stoughton Bell (5122), Ignace Kolodner (consultant to 5120) and Howard Wicke (5126). The seminar is being given by the American Mathematics Society and the University.

ing by bus along with 63 other students. After dinner at home their new friend will be taken to view the fireworks display at the State Fair Grounds.

On July 4 the Bowers family will drive the Norwegian coed to various points of interest in Albuquerque, including lunch in Old Town. All of the students are being feted Thursday evening by a Carrizozo family. Friday morning Lillian will drive Vera back to her bus for departure on the next leg of her cross-country trip.

Community work apparently is a tradition in Lillian's family. A school in Des Moines, Ia., was recently renamed to honor her grandfather, James A. Rose, who was a pioneer leader in church and welfare activities in that area.

### Build New Room

Beverly (7411) and Leon Strauch (2711) have put away hammers, paint brushes, and other tools and are enjoying the den and garage they added on to their home.

### 1611 Dinner-Dance

Division 1611's buffet dinner and dance at the Coronado Club on a recent Friday attracted former employees of the division as well as present workers. Also invited were W. A. Gardner (1610) and J. R. Townsend (1600).

### New Son

Lynn Ritchie (5242) and his wife have welcomed an additional member to their family — little Paul, born May 29.

### Hard Work Fun

Don Hayes (7122) spent his vacation having fun the hard way. He and his family have bought an old adobe house north of Bernalillo. Now the whole family is busy laying floors and installing plumbing — but they all seem to enjoy the work.

## Sandianotes

### Move to New Homes Continues for Happy Sandia Employees' Families



Schultz Family and Friends

### Thousand Dollar Bonanza Goes to 'Lucky' Ray Schultz

Organization 1245's monthly Chowder and Marching Society get-together was in full swing June 14 when R. H. Schultz (1245) and his wife, Vi, pulled a disappearing act. They returned with 1000 silver "clams" ("dollars" to non-members) for all to ooze and enthuse over.

The Schultz couple had won a drawing at a local automobile dealer's showroom.

### Poems to Be Published

No rejection slip blues for Jean Braswell (7411). She recently submitted two poems to the *Denver Post* which were accepted for publication. This was her first try in the free-lance field.

### Sick Report

Norma Jean Eichman (7225 assigned to 5242) has returned to work after an emergency operation.

Fellow employees welcome back Luther Saylor (2154-2) after an extended illness.

Anna Osle (2314) has returned to work after recent hospitalization in Fort Worth, Tex., where she underwent an emergency appendectomy while on vacation.

Also in the hospital last week for a minor operation was Dorothy Crosby (2344).

Corliss Fennimore (2344) is recovering from an appendectomy suffered June 14.

Division 2223 wishes Walter Rediker and Tomas Apodaca a speedy recovery.

Back at work but on crutches is Truman Gillet (7122), who suffered an injured foot recently.

### Elected Toastmaster President

Roger H. Johnson (2111) is the newly elected president of Sandia Club No. 765. Roger will fill a vacancy created by the resignation of Wayne Keyes (AFSWP) who resigned to attend Naval Officers Orientation School.

### Consultant Honored

Wayne Davis (consultant to 5120 working at Sandia this summer) has been named a member of Sigma Xi, honorary science society.



**GUARD DUTY** was drawn by Greg Sowards when the family creels were emptied of these rainbow trout. Greg is the son of Vern 'Red' Sowards (2154-1). The catch came from Crescent Lake in Eastern Arizona.

Paul Carlton (7111) and his family moved recently into their new home at 9529 Euclid Ave. NE.

Another family recently recovered from moving difficulties is the Kenneth Brickers (5531). Their new home is at 1508 Cagua, NE.

Getting settled in their new residence are William Lueders (2711) and his family. Their address is now 3316 Cuervo Dr. NE.

"Dolly" Dollahon (4111) and his family have recently moved into a new home at 7400 Euclid, NE.

There will be a change of address this month for E. E. Brass (4111) and family when they settle in a new home.

Cool mountain air is being enjoyed by W. F. Duben (2131) and his wife, who have moved into a new home at Cedar Crest.

Another new home owner is Frank Delnick (7412), who is now living at 3013 Georgia NE.

### Back From Military Service

James T. Carrell has reported for duty at Sandia's Livermore Branch after being on leave for military service nearly two years.

Jim joined the Corporation in July, 1953, as a staff member in manufacturing engineering. At Livermore he is in organization 1821.

After basic training at Fort Ord, Calif., he was stationed at White Sands Proving Ground, N. M., as a project engineer.

### Honored Queen

Erleen Filsinger, daughter of E. C. Filsinger (5531), was installed as honored queen of Bethel No. 2, Job's Daughters recently. She is a



Erleen Filsinger

sophomore at the University of New Mexico and is publicity chairman of the United Student Christian Fellowship there.

## Congratulations

### Born to:

Mr. and Mrs. Michael Norris (5121) a son, Michael Anthony, on June 11.

Mr. and Mrs. Perfecto Garcia (2351-2) a daughter, Diana Lee, on May 31.

Mr. and Mrs. Harry E. Weaver, Jr. (7412) a daughter, Wendi Lou, on June 6.

Mr. and Mrs. Roland H. Cleveland (7412) a daughter, Gail Irene, on June 9.

Mr. and Mrs. Edward S. Roth (7412) a son, Douglas Henry, on May 28.

Mr. and Mrs. R. O. Murdoch (1463-2) a son, Richard Andrew, on June 8.

Mr. and Mrs. T. M. Sedgwick (1422) a son, Peter, on June 7.

Mr. and Mrs. Leo Ortiz (2463) a son, Thomas Francis, on June 4.

Mr. and Mrs. George C. Garcia (2472) a daughter, Debra Ann, on June 4.

Mr. and Mrs. T. O. Meyer (2541-3) a son, Michael Joseph, on May 29.

Mr. and Mrs. Robert A. Randall (1472-2) a daughter, Ruth Ann, on June 16.

## Weddings

June, the traditional bride's month, was chosen by Barbara Cannon (4112) for her marriage to James Bennett of Jacksonville, Fla.

The ceremony was held yesterday at the Monte Vista Christian



Mrs. Bennett

Church in Albuquerque. The couple left immediately for a Florida honeymoon.

Barbara has been with the Corporation since last November.

At a mid-June wedding Patricia J. Walton became the wife of Charles L. Hamilton of Manzano Base. The ceremony was held at the Immanuel Presbyterian Church.

Patricia (7225 assigned to 7423) has been at Sandia since February.

A dinner party was given at the home of Catherine Trimble (7423) on June 19 honoring the bride. Some 17 members of organization 7423 attended the event.

## Sympathy

To Ann Culley (2323) for the death of her mother in Clovis on June 12.

To Harry Daniel (7113) for the death of his mother in Indianapolis, Ind., on June 11.

To E. C. Filsinger (5531) for the recent death of his mother.

To Howard Warden (4112) for the recent death of his mother.

To L. H. Malkowski (2133) for the recent death of his father-in-law in Milwaukee.

To Gertrude Byrne (7225-3) for the death of her mother, Mrs. Grace R. Byrne, in Albuquerque on June 24.

Mr. and Mrs. John Lew (2222) a son, Timothy, on May 30.

Mr. and Mrs. F. E. Ramirez (7231) a daughter, Virginia, on May 27.

Mr. and Mrs. R. M. Thimm (2154-1) a son, Douglass Alan, on June 8.

Mr. and Mrs. A. C. Taylor (2153) a son, Michael William, on June 20.

Mr. and Mrs. A. L. Ouellette (7411) a son, Michael Louis, on June 7.

Mr. and Mrs. Gerald Hastings (7411) a daughter, Robin Lynne, on June 9.

Mr. and Mrs. Bob Guerrero (4135) a daughter, Carol Ann, on June 7.

Mr. and Mrs. Don Hosterman (7123) a daughter, Kim Joann, on June 11.

Mr. and Mrs. Lloyd Strosnider (2711) a son, Timothy James, on June 19.

Mr. and Mrs. Vern B. Johnson (1451-2) a daughter, Barbara Kay, on June 4. Eileen was formerly in 2723.

Mr. and Mrs. Dale Young (5126) a son, Robert Dean, on June 21.

### Science Teachers Tour Sandia Lab

Sandia Corporation will again open its doors tomorrow to a group of high school science teachers who will take a conducted tour through some of the laboratory's technical facilities.

The teachers, who come from all parts of the country, are presently in Albuquerque attending a summer session at the University of New Mexico under the sponsorship of the Atomic Energy Commission and the National Science Foundation.

In addition to the 21 out-of-town teachers expected to attend, three University of New Mexico instructors and several teachers from Albuquerque's private and parochial schools plan to participate. As was the case in previous tours held at Sandia, the visit tomorrow is planned to promote interest in industrial science.

The visitors will hear opening remarks by W. A. Gardner, manager of the Test Laboratory Department (1610), and then will visit the model shops, environmental testing and standards facilities, watch a demonstration of the Test Data Department's electronic computers, and tour facilities in Area III.

The tour will begin at 8 a.m. and conclude at noon.

### New Camera Speeds X-ray Examinations In Medical Dept.

A new type camera has been installed on the X-ray unit recently acquired by the Medical Department.

Known as a Fairchild Odelca 100 MA Photofluorographic camera, it is used with the General Electric 200 MA Patrician X-ray unit.

The Odelca camera, designed to record chest X-rays, was made in the Netherlands. The only other such camera in the United States is at Mercy Hospital, Springfield, Ohio.

The Medical Department anticipates considerably greater speed and efficiency in the processing of physical examinations will be possible through use of this camera, as well as greater accuracy and much less radiation exposure.

### Sten Persson Retires From Sandia Corporation

After nearly nine years at Sandia Sten Persson has retired and decided to become a "gentleman farmer."



Sten Persson

Sten and his wife have purchased a 140-acre farm near Hardy, Ark., where they plan to raise beef cattle and grow alfalfa. They left for their new home on June 14 when his retirement was effective.

Sten came to this country from Sweden and was naturalized in 1923.

At Sandia he was a staff assistant in Mechanical Design Section 1422-2 where he made wooden engineering mock-ups of weapons.

For the past two years he has been active in Sandia Chapter 765 of Toastmasters. This winter he was editor of the group's monthly Bulletin.

### Security Refresher Courses Conducted By Muzzey, Jordan

"Security" was the by-word at Salton Sea Test Base and Sandia's Los Angeles Field Office during recent security lectures and courses given for all employees.

The program was conducted by M. T. Muzzey of Staff Training and Education Division (3123) and Cecil Jordan, Investigation and Audit Section (2743-1), both of Albuquerque.

### Hard Work Pays Off

# Tuition Refund Checks Received by Employee-Students

It used to be that either you went to college or held down a full time job. You couldn't do both. Times have changed.

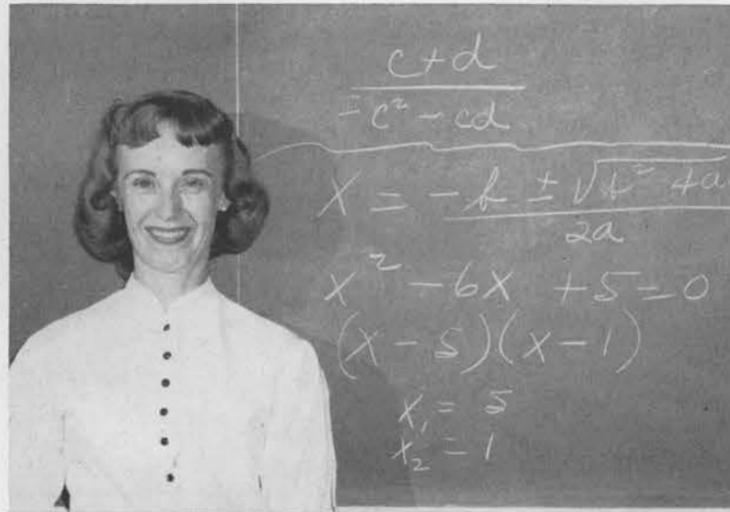
This week some 300 Sandia Corporation employees who attended the University of New Mexico while carrying a full work load at Sandia are receiving refund checks for half tuition money they invested. They have been participants in a plan devised by Sandia Corporation to encourage employees to learn while they earn.

Sandia Corporation calls it the "Educational Aid Program." Those benefitting from its liberal assistance call it the greatest thing in

education since the birth of graduate schools.

Administered by the Staff Training and Education Division, the program has made it possible for Sandia employee-students to earn 1200 credit hours of college credit in one semester. For this the students paid approximately \$12,600 in tuition fees. The Corporation is refunding them one-half of this.

The company gave many of these employees time away from work and time for travel to their classes. The students bought their own books, studied on their own time and paid their own transportation expenses.



Dorothy Miller -Mathematics Student-

### AEC Payroll Section Earns Recognition

Five employees in the Payroll Section of the Finance Division of the Atomic Energy Commission's Albuquerque Operations have received the first AEC Superior Performance Award ever granted an Albuquerque Operations group.

They are Myrtle W. Morgan, Mary F. Stephens, Fiuza V. Czar, Lucille E. Allesandri, and Dixie F. Baca. Kenner F. Hertford, manager of Albuquerque Operations, presented each a certificate attesting to their superior performance during a six-month period in 1956 when they handled an unusually large volume of complicated transactions satisfactorily despite the absence of their Chief. A cash award of \$100 accompanied each certificate.



Ronald F. Grosch -Graduate Student in Electrical Engineering-

Sandia Corporation will also give the University of New Mexico a subsidy of about \$8,000 this year. The amount is based on the tuition paid by graduate students studying at UNM under Sandia's Educational Aids Program. This grant is designed to assist the university in maintaining the staff and facilities needed to teach the type of courses needed by Sandia employees. It also makes possible the scheduling of classes at hours most desired by employee-students.

Eligibility requirements were simple. The classes they attended were related to their jobs or to a job which they could reasonably

aspire. To be eligible for the refund the student earned at least a "C" grade.

This was a strange college life for these Sandia students. There was no time for sports, no social functions, no long "Coke" breaks. It was all work, no play. Most of the hours for study were found at the expense of time they would have spent with their families.

"College was never like this," one student commented. "I've studied harder, worried more and burned more midnight oil." But they are unanimous in their praise of the plan—for back in full-time college days there were no tuition refunds and no regular paychecks.

## Typical Sandia Students

Four Sandia students pictured here are representative of some 300 who studied spring semester at the University of New Mexico.

Ron Grosch, 1421, is seeking a master's degree in Electrical Engineering. His bachelor's degree came from the University of Illinois. He has been with Sandia Corporation since June, 1956.

Harold F. Gunn, 3153, is continuing his work for a college degree after a number of years away from the life of a student. He has been working for two years for a bachelor's degree in Business Administration, majoring in manage-

ment. Previous college work was at Gonzaga University, Spokane, and the University of Montana, Missoula.

Dick Holladay, 1413, is a graduate of the University of California, and is embarked on the enterprise of earning a PhD degree in physics. He has been with Sandia Corporation since February, 1957.

Dorothy Miller, 7225, is studying for a bachelor's degree with a major in mathematics. She is a junior and her previous college work was done at Brigham Young University, Provo. Dorothy has been at Sandia Corporation for five years.



Harold F. Gunn -Studies in Business Field-



Dick Holladay -Seeks PhD in Field of Physics-

## Summer, Permanent Employees Join Sandia as Schools Close

<b>Albuquerque</b>	Phillip M. Alarid .....	2340	<b>Arkansas</b>	Walter R. Seidel, Fayetteville .....	1463	<b>Ernest S. Wennerstrom,</b>	West Lafayette .....	1282	<b>Miles L. Dawson, Norman</b>	2631
Santiago Anaya .....	2474	<b>California</b>	Donald J. Baker, Jr., Stanford .....	5224	<b>John A. Borchers, Ames</b>	2514	<b>Donald L. Degraffenreid,</b>	College Station .....	2543	
Kenneth R. Applegate .....	5112	Edward G. Bauer, Long Beach .....	1291	<b>Robert B. Green, Ames</b>	5221	<b>Donald K. Franklin, Red Rock</b>	2541	<b>Vernon H. Henderson, Norman</b>	1243	
Austin C. Arthur .....	1472	Jerrold Fried, Pasadena .....	1451	<b>James A. Peterson, Ames</b>	1422	<b>Marvin E. Holcomb, Stillwater</b>	2551	<b>William E. Little, Norman</b>	1652	
Kendra Atkisson .....	7225	Dennis Holliday, Palo Alto .....	1413	<b>Dale Sparks, Ames</b>	1423	<b>Arthur C. Littleford, Norman</b>	1452	<b>Raymond J. Tillery, Norman</b>	1217	
Mac D. Beaman .....	2474	Robert H. Johnson, Los Angeles .....	1821	<b>Charles L. Votaw, Perkins</b>	1451	<b>John S. Anderson, Albany</b>	1822	<b>Jack B. Goebel, Springfield</b>	5122	
Sharon Beeson .....	7225	Harriet D. Kenney, Pleasanton .....	1831	<b>Richard O. Sundahl, Eugene</b>	1822	<b>Edward T. Kornowski, State College</b>	5144	<b>Zern H. Phillips, Carlisle</b>	7412	
Jean C. Bergquist .....	2112	James E. Shillingburg, Palo Alto .....	5112	<b>Maurice H. Reynolds, Pittsburgh</b>	2542	<b>Mervin L. Shiplay, State College</b>	5142	<b>Carl O. Duimstra, Brookings</b>	1472	
Ralph L. Breneman .....	2112	Martha J. Stickle, Stanford .....	5112	<b>Paul A. Fjelseth, Brookings</b>	1245	<b>Merlin D. Hansen, Brookings</b>	5521	<b>Maurice H. Reynolds, Pittsburgh</b>	2542	
Mary Coleman .....	2333	Karl E. Tucker, Vacaville .....	1831	<b>Joseph P. Keiner, Brookings</b>	5522	<b>James R. Cox, College Station</b>	2551	<b>Harry C. Hardee, Jr., Austin</b>	1473	
Elaine A. Cooper .....	7225	<b>Colorado</b>	Walter D. Buckley, Boulder .....	1261	<b>Warren B. Johnson, Jr.,</b>	College Station .....	2542	<b>John M. Kelly, Waco</b>	1472	
C. Isabelle Fuller .....	7225	Felipe L. Chavez, Jr., Denver .....	1422	<b>John M. Kelly, Waco</b>	1472	<b>William R. Long, Austin</b>	1411	<b>William R. Long, Austin</b>	1411	
Benjamin Garcia, Jr. ....	2464	Reba Jo Griffiths, La Junta .....	2461	<b>James F. Boespflug, Bozeman</b>	2552	<b>C. David McGinnis, Katy</b>	1612	<b>Frank W. Muller, College Station</b>	1291	
Philip A. Gelt .....	1423	Richard H. Herdman, Boulder .....	1614	<b>Lyle E. Whelchel, Missoula</b>	7218	<b>William F. Osborn, College Station</b>	1652	<b>Eugene Ripperger, Austin</b>	5132	
C. Joyce Hensing .....	7225	Richard D. Hoagland, Denver .....	1282	<b>Thomas E. Reyman, Jr.,</b>	College Station .....	3152	<b>Roger E. Tate, Mount Pleasant</b>	5144		
D. Raymond Hinds .....	1442	John Marcon, Jr., Lafayette .....	1421	<b>John E. Vick, College Station</b>	1262	<b>Alvin G. Bytheway, West Jordan</b>	1422	<b>Jay L. Chamberlin, Salt Lake City</b>	1651	
Rita L. Hodgden .....	3161	R. Norris Rose, Boulder .....	3152	<b>Edwin L. Milne, Jr., Midvale</b>	5524	<b>Floyd N. Coppage, Blacksburg</b>	1626	<b>John C. Ludington, Alexandria</b>	7424	
Randolph E. Holt .....	2441	<b>Connecticut</b>	Howard W. Brock, New Haven .....	2551	<b>James T. Carroll</b>	1821	<b>James Schreiber, Davenport</b>	5222	<b>Thomas Heim, Madison</b>	5112
Darrell R. Hutton .....	7410	Kenneth W. Butler, Bridgeport .....	2153	<b>Donald E. Carnicom, Bowling Green</b>	1463	<b>Charles K. Lee, Dayton</b>	1291	<b>Herman S. Levine, Cincinnati</b>	5133	
Helen M. Janssen .....	4161	Dennis W. Sasser, Branford .....	5121	<b>Charles E. Stoneking, Chamblee</b>	1626	<b>Raymond M. Rhodes, Columbus</b>	5111	<b>Glen W. Howard, Madison</b>	1652	
Robert A. Jeffrey .....	5233	<b>Delaware</b>	Charles T. Gebert, Wilmington .....	1411	<b>William M. Burley, Jr., Stillwater</b>	1282	<b>William R. Armstrong, Casper</b>	1471		
Donnelly J. Johnson .....	1261	Charles T. Gebert, Wilmington .....	1411	<b>Ohio</b>	Donald E. Carnicom, Bowling Green .....	1463				
Eunice S. Johnson .....	2461	Elwood E. Alexanderson, Munster .....	1245	<b>Donald J. Roth, Rolla</b>	1284					
Janet H. Lovell .....	7225	William Brown, West Lafayette .....	1441	<b>William T. Smith, St. Louis</b>	2335					
Myra A. Manton .....	7225	Donald W. Johnson, West Lafayette .....	5144	<b>Montana</b>	James F. Boespflug, Bozeman .....	2552				
Floyd H. Mathews .....	1611	M. Lucius Walker, Jr., Washington .....	1422	<b>James F. Boespflug, Bozeman</b>	2552					
Wilbur B. Maxson .....	3124	<b>District of Columbia</b>	John J. Holmes, Gainesville .....	1224	<b>Lyle E. Whelchel, Missoula</b>	7218				
H. Maureen McCarthy .....	7225	John J. Holmes, Gainesville .....	1224	<b>Nebraska</b>	Victor A. Weis, Lincoln .....	1473				
Arlene B. McCarty .....	2462	<b>Florida</b>	John J. Holmes, Gainesville .....	1224	<b>New Jersey</b>	Joseph L. Vieira, Carteret .....	1821			
Ronald L. Mendelsberg .....	7410	John J. Holmes, Gainesville .....	1224	<b>New Mexico</b>	Tommy D. Donham, State College .....	2551				
Elsie I. Mesecher .....	7225	<b>Georgia</b>	Charles E. Stoneking, Chamblee .....	1626	<b>James A. Moeller, Holloman AFB</b>	1626				
Oliver D. Neece .....	1651	<b>Idaho</b>	Jack R. Kidd, Pocatello .....	4135	<b>Monte R. Shiver, Aztec</b>	1224				
Frances R. Peppmueller .....	7225	Myron R. Schellhase, Idaho Falls .....	1281	<b>New York</b>	John D. Murphy, Albany .....	1611				
Max Pons, Jr. ....	2711	<b>Illinois</b>	William W. Blase, Hamel .....	1626	<b>Stephen A. Silver, Hicksville</b>	2151				
Wilbur R. Ratterree .....	1282	Donald L. Hurt, Urbana .....	7113	<b>Richard V. Tullar, Ithaca</b>	5215					
Donald E. Rawson .....	1621	Jon R. Kelly, St. Charles .....	2543	<b>North Carolina</b>	Frank W. Clinard, Jr.,	Winston-Salem .....	1621			
Edward C. Rightley .....	5143	Dennis L. Krenz, Champaign .....	1613	<b>Ohio</b>	Donald E. Carnicom, Bowling Green .....	1463				
Jennie O. Rowilson .....	2353	Audrey A. Logan, Western Springs .....	7225	<b>Donald J. Roth, Rolla</b>	1284					
Euliojo G. Sanchez .....	2461	Oris G. Peterson, Champaign .....	1613	<b>William T. Smith, St. Louis</b>	2335					
Barbara J. Smith .....	7225	Robert E. Sonnenberg, Chicago .....	1245	<b>Montane</b>	James F. Boespflug, Bozeman .....	2552				
Leroy Sparks .....	1611	Frederick J. York, Chicago .....	7412	<b>James F. Boespflug, Bozeman</b>	2552					
Frances R. Stevens .....	7225	<b>Indiana</b>	Earl M. Aldred, Otterbein .....	2542	<b>Lyle E. Whelchel, Missoula</b>	7218				
Betty Jo Stutsman .....	7225	Elwood E. Alexanderson, Munster .....	1245	<b>Donald L. Hurt, Urbana</b>	7113					
Jose E. Sueso .....	5143	William Brown, West Lafayette .....	1441	<b>Jon R. Kelly, St. Charles</b>	2543					
Orval E. Talley .....	2131	Donald W. Johnson, West Lafayette .....	5144	<b>Dennis L. Krenz, Champaign</b>	1613					
Jaralyn L. Thomas .....	7225	Milton T. Kane, West Lafayette .....	5141	<b>Audrey A. Logan, Western Springs</b>	7225					
Donald W. Wessman .....	2463	Richard P. Malmgren, Lafayette .....	1611	<b>Oris G. Peterson, Champaign</b>	1613					
Joyce Willbank .....	7225	Vaughn R. Parfitt, West Lafayette .....	5131	<b>Robert E. Sonnenberg, Chicago</b>	1245					
Haskell Woodall .....	1626	Thomas M. Schultheis, South Bend .....	5222	<b>Frederick J. York, Chicago</b>	7412					
Varoqua M. Yoakum .....	7221	<b>Alabama</b>	William N. Caudle, Tuscaloosa .....	5144						



**SENTINELS OF THE PAST**—Rows of brick chimneys are reminders of the colorful past of the once great Fort Union, now a National Monument. The ruins are located near Las Vegas, N. M.

**Weekend Vacationer**

**Ghosts Of Past Are There But They Won't Bother Fort Union Visitors**

If you ever had the urge to take a trip on a weekend, but didn't know where to go this new series of articles in the Sandia Lab News will be of interest. During the summer months the Weekend Vacationer will pry into some of the historic and scenic places in New Mexico—for your enjoyment.—Editor's note.

A one-day trip into the historical past of the Southwest can be accomplished with a short three hour drive to the ruins of Fort Union, once the largest military installation in the United States.

The Fort is located 26 miles north of Las Vegas about seven miles off Highway 85. The ruins became a National Monument in 1955 and were opened to the public last year under the National Park Service.

Fort Union was built in 1851, five years after the United States took possession of the western territory after the war with Mexico. It was located near the fork of the Old Santa Fe Trail and once had a population of 2,000 traders, merchants, and carpenters catering to the repair and resupply of the trail travelers.

Its primary purpose was defense of the settlers from marauding Indians. Mounted patrols of the First Dragoons made many expeditions into the mountains against the warring Utes or out onto the plains to pursue Comanche or Apache war parties.

During the Civil War units from the Fort were credited with saving the silver mines of Colorado, a prime target of the underfinanced Confederacy. A column of rebels from Texas was met at Glorieta Pass and defeated after a two day battle.

After the Civil War the Fort returned to its mission of Indian fighting. For a decade the Fort contended with a flood of violence. As the Plains Indians saw the great herds of buffalo disappear, they fought the settlers with increasing fury. At one time the stone guardhouse of the Old Fort housed the Apache chief, Geronimo. Billy the Kid was also a

"guest" in the grim walls that are still standing

The Fort was constructed of adobe walls and stone foundations. It was abandoned in 1890 after the railroads bypassed it and the Indians were no longer fighting. Weather, neglect and scavengers have reduced the once massive and impressive buildings and grounds to rubble. The Park Service has restored a few of the buildings and the stonework remains—rows of brick chimneys stand like gaunt sentinels of the past.

The time worn ruts of the Old Santa Fe Trail are still visible for miles on the plain. Broken bottles from the Sutler's store attest to the spirit of the wild and rugged west. The outline of the Fort's parade ground where once the might of the U. S. Army passed in review to the music of the Nation's greatest brass band still remains.

**Civilians Asked to Pay Annual Fee for Base Library Use**

Army Headquarters, Sandia Base, has advised Sandia Corporation of a change in policy regarding usage of the Special Services Library by civilian personnel working on the Base.

Effective July 1 civilians using the Base library will be required to pay \$2 per year per person for the privilege. New cards are now being issued at the library.

The Army emphasizes that the charge is made to provide a larger and better selection of reading material and to preclude the possible restriction of the library to military personnel.

The books, periodicals and photograph records are purchased from funds allocated on the basis of military strength alone. At the present time almost 50% of the individuals registered at the library are civilians.

**J. E. Reeves Gets New ALO Assignment**

James E. Reeves has been promoted to Assistant Manager for Test Operations in the Atomic Energy Commission's Albuquerque Operations.

AEC-ALO Manager Kenner F. Hertford announced that Mr. Reeves will head a newly-established Office of Test Operations and will act for the ALO Manager in direction of continental and off-continental test programs at AEC proving grounds.

Mr. Reeves participated in the atomic energy program at Oak Ridge, Tenn. in 1944-45 and joined the AEC at Albuquerque in March, 1952, as Deputy Director in the Test Organization. He has served at three previous test series at Nevada Test Site and three in the Pacific and is currently Manager of the Nevada Test Organization during the Plumbbob series of nuclear tests.

**Sandia Employees Appear in Musical**

The glamour of the theatrical footlights has appealed to a number of Sandia families, who have members taking part in the forthcoming musical "Irene."

The show will be presented at the Civic Auditorium July 3-7 to benefit the St. Joseph's College building fund. The director of the original Broadway production, Busby Berkeley, will also direct this performance. Assisting him and serving as dance director will be Marjorie Barling, wife of Bruce Barling (1421).

Members of the cast include: Roque Feliciano, Jr. (2711); Kathy Brixner, daughter of LeRoy H. Stradford (2552); Steve Moore, a son of Alice DeWald (2461), and Henry Gallegos' (2463) son Richard.

**Supervisory Appointments**

RAY C. SMELICH to supervisor of Processing Section 2553-3, Manufacturing Control Division.

During Ray's five and one-half years at Sandia he has been in purchase expediting and program administration work.

From 1937-1951 he was with the Mutual Life Insurance Company of New York in Pueblo, Colo., and Albuquerque.

He was also a Teletype operator for the Postal Telegraph System in Pueblo for two years.

During World War II Ray was with the Army Medical Administrative Corps first in the program to rehabilitate injured servicemen for return to active duty and later as adjutant of a hospital in Ponca, Okla.

Ray attended Midwest Commercial College in Pueblo, Colo.

ROBERT P. KELLY to supervisor of Technical Administrative Service Division 7213, assigned to the Director of Systems Development.

Bob started work for the Corporation in 1952 in the labor pool, but after a short period transferred to pre-production control, where he remained for two years. In 1954 he became a TDSR and has served as Livermore coordinator for the past 18 months.

For three years prior to coming to Sandia he was a traveling salesman for Cook's Sporting Goods store in Albuquerque.

Bob graduated from St. Mary's high school in Albuquerque and has been studying industrial management at the University of New Mexico and St. Joseph's College.



Oscar Goodwin  
—ends Lab News photo assignment—

**Oscar Goodwin Completes 6-Months As Sandia Lab News Photographer**

Photographs appearing in the Sandia Lab News for the past six months have largely been the work of Oscar Goodwin (2462-1) who ends his assignment with the Lab News with this issue and returns to regular technical photography assignments in the Photo Section.

Oscar joined Sandia Corporation in April, 1954, with 14 years of free lance photography experience. He became interested in photography in high school at Mattoon, Ill., and soon turned a hobby into a business. While attending Eastern Illinois State College he photographed portraits, weddings and other events in his spare time.

Oscar majored in accounting at Eastern and accepted an auditing position with a national freight

lines with its main office in Mattoon. It wasn't long before his photos were appearing in the company's industrial publications and press releases. After almost five years he left the company to manage a camera shop.

During World War II he served in an armored infantry division in the European theater. He came to Albuquerque in July, 1953, to head the camera department at a local department store before joining the Corporation.

Last summer during his vacation Oscar completed a course at Winona School for Professional Photographers and plans to return again this summer. His interest in photography extends into his off-hours as evidenced by a recent purchase of a new home to house a larger studio and dark-room.

**Military Access Road For Official Use Only**

The portion of the military access road, which extends from the intersection of Wherry Housing access road and continues around the east and south side of Kirtland base is for official use only, the Provost Marshal warns.

The road is posted "Restricted, For Official Use Only." Military Police and Air Police state they will cite civilians who are using the road for unofficial business. Civilians cited will be prosecuted by the United States Commissioner.

**Trinidad Vacation**

The land of the calypso beckoned to Frances Curd (5512) and her husband, H. Ronald Curd, and the presence of their married daughter in Trinidad gave them an excellent destination for a three-week vacation.

The couple flew both ways to the British West Indies and they stayed most of the time at the U. S. Naval Base in Trinidad.

A highpoint of the trip was a special invitation to a colorful presentation of a British Navy certificate of merit to one of the island's top surgeons.

**AEC Presents Award for Superior Performance**

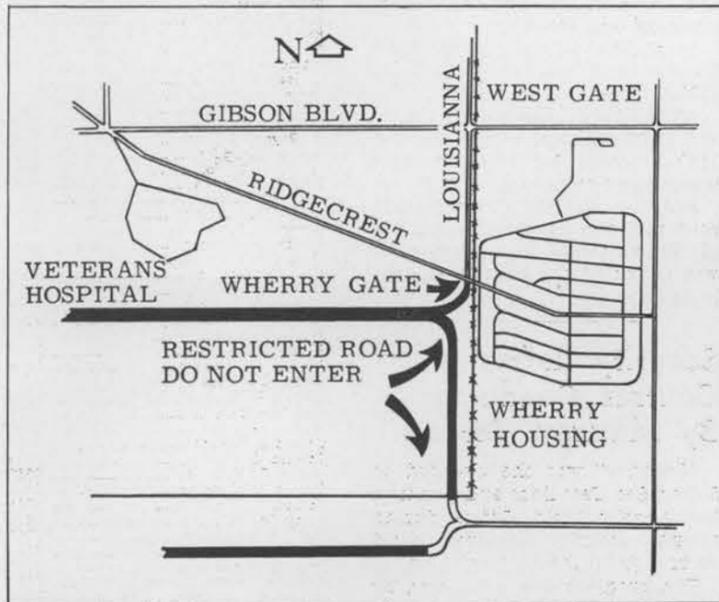
Miller B. McDonald, Chief of the Review Branch of the Personnel Security Division of the Atomic Energy Commission's Albuquerque Operations, have received an AEC Superior Performance Award.

Kenner F. Hertford, Manager of Albuquerque Operations, presented the Office of Security employee a certificate citing Mr. McDonald's superior performance in establishing and conducting a special training course in security interview techniques which has markedly increased the amount and accuracy of data obtained in such interviews. A cash award of \$300 accompanied the certificate.

On Monday, June 10, Mr. McDonald will take up new duties as Personnel Specialist in the Federal Personnel Branch of the ALO Organization and Personnel Division.



"Well, left something out last night, didn't you?"



RESTRICTED ROAD is shown on the above map. Located on both Sandia Base and Kirtland Air Force Base, the road has been used in the past for unofficial business. This is now prohibited and Military Police and Air Police are enforcing the restriction.



RECENTLY ELECTED members of the Coronado Club Board of Directors attend their first meeting. L to R are Martha Whitford (1200), E. R. Clark (5512), Gail Ward (2463), Frank Abbott (AEC), president, W. G. Funk (3120), Corporation representative, Willis

Jobe (2411), vice president, Howard Sloane (2723), A. C. Hull, AEC representative, R. E. Thompson (4111), treasurer, Clyde Northrup (5213) and A. C. Taylor (2153) secretary. H. E. Martin (AEC) was not present at the meeting when the photograph was taken.

### Coronado Club Elects Officers

Frank Abbott, AEC-ALO, was installed as the new president of the Coronado Club Board of Directors at the first meeting of the new board June 18.

Other new officers are Willis Jobe (2411) vice president; A. C. Taylor (2153) secretary; and R. E. Thompson (4111) treasurer.

The board will hold its next meeting on July 2 at the Coronado Club.

In appointing committee heads, Mr. Abbott named Willis Jobe to take charge of bar activities; H. E. Martin (AEC-ALO) membership and bridge; Clyde Northrup (5213) bowling and recreation; H. E. Sloane (2723) swimming, patio and entertainment consultant; Gail Ward (2463) entertainment; Martha Whitford (1200) publicity and decorations; and E. R. Clark (5512) bingo.

### Study Made of Opportunities for Mature Women

Results of a study by Sandia Corporation employees who investigated the problems and opportunities of women over 45 in business and industry were discussed by Jean Gillette (3124) at a meeting of the Soroptomists Club recently.

Three groups of employees, women between 40 and 63 years of age, explored such questions as "Why do many employers hesitate to hire women over 35? What qualifications are necessary for mature women to succeed in industry? What can she do to broaden her interests and her opportunities for advancement in business and industry?"

The groups agreed that it takes unusual effort or unusual qualifications in most cases for older women to attain positions of responsibility in business and industry.

Suggestions for her achievement of this goal were given by Mrs. Gillette:

Excel in the requirements of her field. Know how to get along with people and enjoy them. Avoid aggressive attitudes and mannerisms. Know the importance of appreciating "a man's point of view."

Keep a high level of enthusiasm. Keep attitudes positive. Make the most of her appearance. Know how to relax—then relax.

Many supervisors prefer more mature women, Mrs. Gillette said, because they are more stable, they have fewer problems and they stay on the job longer.

### Corporation Golfers Arranging Match With Sandia Base Officers

Arrangements are being made by the Sandia Employees Golf Association for team matches between Corporation teams and the Sandia Base Officer's Golf league, C. C. Fornero (7329), president, reports. The matches will be held next month.

Holding first place in the Evening league of the Association with 13 points won and 2 lost are Larry Smith (5511), Jim Leonard (1216) and Jim Ortega (5126).

J. S. Donovan (1263), R. E. Butler (5124) and Frank Abbott (AEC) hold second place with 11 won and 4 lost.

In third place are Fred Silva (5521), Dale Massey (5532) and Irv Gasser (5523) with 10½ points won and 7½ lost.

Leading the Week End league are Ken Foster (2236), Tom Crawley (5221) and Bob Peterson (5221) with 6 points won, none lost.

In second place with 4½ points won and 1½ lost are George Horne, Sr. (4135), Jim Arnold (1611) and Lavon Burrell (4141).

### ALO Information Officer Goes to AEC Washington

Robert G. LeCompte has accepted a position as Information and Education Specialist at the Atomic Energy Commission's Headquarters in Washington, D. C., after six years as an Information Specialist at AEC-ALO.

He first came to Albuquerque in 1941 with the cadre which opened Albuquerque Air Base (now Kirtland AFB) and was the Base's first public relations officer. After Army Air Force service in Newfoundland, Europe and the U. S. he returned to Albuquerque and was a reporter for the Albuquerque Tribune.

While with AEC-ALO Mr. LeCompte was Chief of the Forward Office of Test Information at Camp Mercury during the 1955 spring series of nuclear tests in Nevada.

### International Crown, TV Appearance Won By Lads of Enchantment

The Lads of Enchantment succeeded in copping top honors at the International Barber Shop Quartet contest held last week in Los Angeles.

The Albuquerque quartet includes Don Pitts (2542), Dan Aycock (2461-1), Gil Wallace (2552) and Carl Wright. The "Lads" stayed on in California to appear on the Lawrence Welk program.

### Two Softball Teams Sponsored at Livermore by Sandia Employees

Sandia Corporation's small fry are flocking to Livermore ball parks three times a week to sharpen up their batting and fielding for a seven-game series now underway.

When the Livermore Recreation Commission made its call for players, 400 Livermore youngsters between eight and 12 years of age signed up including 20 sons of Sandia employees.

The Sandia staff at Livermore sponsored two teams, the Sandia Thunderbirds and the Sandia

Dukes, with \$340 collected from Sandia employees for uniforms and equipment. The Dukes are coached by Chuck Peterson (1831-3), assisted by Billy Pontsler (1811-2), Leo Gutierrez (1811) and Bob Verdier (1811-2). Whipping the Thunderbirds into shape are J. R. Perkowski (1832-2), Ed Daus (1811-1), Kermit Cooper (1812-1) and Charley Walker (1821-1).

Player team assignments were made by the Recreation Commission staff which resulted in only six of the 20 junior Sandians playing on the two Sandia teams.

Both of the Sandia-sponsored teams are at present standing near the top of the "A" League, made up of eight teams of boys between eight and 10½ years of age.

### Camera Fans Exhibit Color Slides at Club

Los Novicios Camera Club is a newly organized group of Sandians who are enthusiastic camera fans. H. G. Jeblick (2713) is president of the group with R. E. Merrill (2731) vice president. Ann Padilla (2710) is secretary - treasurer.

First project of the club will be an exhibition of color slides Thursday evening, July 11, in the La Cana Room of the Coronado Club. Members were assigned two projects—a portrait of an Indian and a scenic shot of the Soda Dam Arch at Jemez Springs. Judges for the exhibition will be D. J. Yarbrough (7420), W. E. Henry (2723-2) and W. E. Boyes (1290).

### Rose Society President

The Albuquerque Rose Society installed Bob Higgins (1420) as president this month. He has been active in the group for three years.

Bob reports that the society's activities during coming months will include rose tours of local homes in July and August and the annual rose show at the State Fair in September. He also notes that next year the spring rose show will take advantage of the additional floor space available at the new Civic Auditorium.

#### Standings

Evening League			Week-end League		
Team	Won	Lost	Team	Won	Lost
IV	13	2	VIII	6	0
III	11	4	VII	4½	1½
VI	10½	7½	IV	4	2
VII	8½	6½	I	3	3
V	8	7	V	3	3
II	7	7	VI	3	3
VIII	6½	8½	X	3	3
I	6	9	III	2	4
IX	5	10	IX	1½	4½
X	1½	13½	II	0	6

SHOPPING CENTER	SHOPPING CENTER	SHOPPING CENTER	SHOPPING CENTER	SHOPPING CENTER
<p><b>CLASSIFIED ADVERTISING</b></p> <p>Deadline: Friday noon prior to week of publication.</p> <p><b>RULES</b></p> <ol style="list-style-type: none"> <li>Limit: 20 words</li> <li>One ad per issue per person</li> <li>Must be submitted in writing</li> <li>Use home telephone numbers</li> <li>For Sandia Corporation and AEC employees only</li> <li>No commercial ads, please</li> <li>Include name and organization.</li> </ol> <p><b>FOR SALE</b></p> <p>50'x135' LOT, zoned 3R or residential, lovely view, paving, utilities; need cash, must sell, make offer. 3404 Anderson SE. Fean, Ext. 21278.</p> <p>'48 FORD SEDAN, easy on gas, oil; almost new battery, generator, regulator. Not beat—just old. What's it worth? Chapman, Alb. 8-1210.</p> <p>LAWN MOWER, Craftsman, 18", used 3 seasons, \$15; blonde plastic speaker grille cloth, one sq. yd., \$2.50. Anderson, Alb. 9-4616.</p> <p>'51 STUDEBAKER V-8, radio, heater and automatic transmission, \$300. O'Connell, Alb. 5-7924, 5605 Corrida Rd. NE.</p> <p>ASTRONOMICAL TELESCOPE, 2.4" Unitron refractor, crystal sharp at 100X, erecting prism, cabinet, tripod, slow motion controls, \$75 or trade. Kyrilach, Alb. 4-3083.</p> <p>COLT REVOLVER, Frontier, belt and holster, \$55; Winchester lever action shotgun, \$15; will trade. Zaluga, Alb. 4-1564.</p> <p>'49 NASH, 4-door, \$120 or make offer. Williams, Alb. 9-6893.</p> <p>BEAGLE HOUNDS, 2 six-week-old males, AKC registered, \$30 each. Cole, 645 San Pablo SE, Ext. 31160.</p> <p>DUPLEX AND APT., \$150 income per month, low down payment. Castillo, Alb. 5-7898.</p>	<p>BAND SAW, Craftsman, complete w/table and motor, \$70; bench saw w/table and motor; both practically new. Garcia, Ext. 43149.</p> <p>POWER MOWER, Worcester reel type, \$30. Jolley, Alb. 4-0724 after 5 p.m.</p> <p>BARBECUE GRILL, portable folding type with spit, used twice, \$3.50. Weber, Alb. 9-1389.</p> <p>DINING ROOM table and four chairs, light solid mahogany, two months old, \$150; set of laundry tubs, \$10. Treadwell, Alb. 6-3018.</p> <p>LIVINGROOM SUITE, corner bookcases, andirons, lamps, misc. Reinertson, Alb. 5-1954.</p> <p>45 RPM RECORD player, RCA Victor, has new sapphire tip needle, \$30; lawn mower, \$5. McCammon, Alb. 5-6125.</p> <p>¾ ROLLAWAY BED w/innerspring mattress; electric rotobroiler, Jenny Lind bed, Kelly, Alb. 6-4982.</p> <p>'56 SCOOTER, Allstate Cruisera w/windshield and speedometer, \$225. Gustafson, Alb. 9-3270, 7702 Don Dr. NE.</p> <p>'57 CHEVROLET, V-8 Stationwagon, tune, 210, 4-dr., 6 passenger, power-glide, R&amp;H, windshield washers, back-up lights, must sell. Herman, Alb. 8-1205.</p> <p>WINDOW FAN, 18", 3 speed, \$25. Hodges, Alb. 6-7686.</p> <p>DIESEL FREIGHT layout, American Flier w/stowaway table, remote switches, decouplers, block system, operating cars, console, etc. Sacrifice, \$65. Small, Alb. 9-0023.</p> <p>'52 STUDEBAKER Champion, 4-dr., completely rebuilt, 6 cylinder, overdrive, R&amp;H, clean, \$495. Graves, Alb. 4-5928.</p> <p>SOFA BED, grey frieze, \$25 or best offer. Giles, Alb. 9-3119, 1332 Gen. Somervell NE.</p> <p>3 BR. HOUSE by owner, leaving town; garage, walled, small equity, \$51 per month includes insurance and taxes. Stawlings, Alb. 9-0336.</p> <p>300 SAVAGE Model 99 w/Weaver K-4 scope on Pachmayr low swing mount, case, etc., \$175. Karpen, 3113 Arizona NE.</p> <p>TANK TRUCK, 1100 gal., \$395; 1500 GPH water pump, \$40; rebuilt 5 hp. Cushman engine, \$40. Pliner, Alb. 6-1907.</p>	<p><b>NEXT DEADLINE FOR SHOPPING CENTER ADS FRIDAY NOON, JULY 5</b></p> <p>WASH TUBS, porcelain, w/stand, used only 3 months, \$80. Villanueva, Alb. 2-3202.</p> <p>3 BR. HOME, Mossman, landscaped, walled, carpeted, woodburning fireplace, air-conditioner, sliding door to patio. Hulse, Alb. 6-1147, 2932 Ortiz Dr. NE.</p> <p>'55 CUSHMAN Pacemaker, recently overhauled, complete shield assembly. McKim, Alb. 9-5330.</p> <p>BOXER-MIXED BREED puppies, dark with white markings; male &amp; female, 4 weeks old, \$5. Keoperts, Alb. 6-1741, 1716 Bryn Mawr Dr. NE.</p> <p>TWO SUITCASES, brown alligator; metal laundry tubs. Lerma, Alb. 8-1206.</p> <p>RADIO CONSOLE, AM-FM, record player, 12" and 4" hi-fi speakers, lined oak cabinet. Roth, Alb. 3-0522.</p> <p>2 BR. HOME, near bases, total price, \$4,750, \$39 monthly payments. To GI \$1,000 for equity, assume contract. Chavez, Alb. 2-1791, 1608 Gerald SE.</p> <p>'46 CHEVROLET Club Coupe, w/tan '55 paint job. Best cash offer over \$50. Melick, Alb. 6-6449.</p> <p>LIVINGROOM DRAPES, modern print, floor length, fully lined, \$25; patio umbrella, 7-foot diameter, adjustable post, \$20. Kidd, Alb. 6-1020.</p> <p>BEAGLE, 8 mos., female, all shots, AKC registered, \$20. Roberts, Alb. 5-9527.</p> <p>'52 HENRY J, 6 cylinder, overdrive, white walls, \$250. Smith, Alb. 5-6478.</p> <p>CANNING JARS, pint Mason, in cartons w/rings, 50c per dozen. Farmer, Alb. 5-7279.</p> <p>APEX WASHER, fully automatic, 3 years old, 2 years left on guarantee, new pump, timer, \$319 new, sacrifice at \$125. Barnett, Alb. 5-7465.</p>	<p>POWER LAWNMOWER, Majestic electric, \$30. Hunter, Alb. 9-1089, 2315 Hendola Dr. NE.</p> <p>BABY STROLLER, \$5; baby stroller, \$2; Teeter Babe jump seat, \$3. Stuart, Alb. 5-0661.</p> <p>PHILCO FREEZER, 14 cu. ft., \$210; oak desk, 17x33½x27" high, painted, \$5; 36" corner bookcase, \$4.50; kitchen clock, \$3. Springer, Alb. 6-5095.</p> <p>TAPE RECORDER and record cutter, Wilcox-Gay, \$45; Admiral combination record player and radio, \$30. Marchant, Alb. 5-1152.</p> <p>'54 HOUSE TRAILER, aluminum, 28 ft., modern, tandem wheels, extras, \$2,000. Cristofano, Lot 21, 6500 Cochita SE after 1 p.m. Sat. &amp; Sun.</p> <p>2 DOUBLE BEDS w/bookcase headboards, \$35 each. Hutton, Alb. 6-8366.</p> <p>SHOT GUN, double-barrel, silver-mounted T. Barker w/ammo; rifle 31-cal. Jap. modified stock w/ammo, \$25; war souvenirs; Spanish guitar, \$20. Cox, Alb. 6-1977.</p> <p>SOFA BED, makes into bed, washable slipcover included, \$30. Hobbs, Alb. 2-4745.</p> <p>RCA HI-FI, \$85. Scotten, Alb. 9-6236.</p> <p>SIAMESE KITTENS, must sell these three before they become cats, males, \$15; female, \$10. Davis, Alb. 5-1824.</p> <p>TRUNDLE BED, complete w/mattresses, \$35, or best offer. Spence, Alb. 9-4562, 2513 June NE.</p> <p>WINCHESTER 94 model 30/30 and Winchester 70 w/scope, trade for old Winchester rifles. Smith, Alb. 9-1096.</p> <p>DRAWING TABLE, 36x48, w/chair, \$25; Kenmore wringer type washer, \$15. Vale, Alb. 6-5697.</p> <p>'39 FORD ¾ ton, 4-speed pickup; Geiger counter; drafting table; hi-speed restaurant type fan. Bounds, Alb. 3-0733.</p> <p>'53 CADILLAC, 60 special, 4-door, gleaming black w/white walls; loaded with all power equipment, factory air conditioning, low mileage. Wheeler, Alb. 6-7284.</p> <p>HALLICRAFTER'S RECEIVER, Model 5-38D, almost new, \$35. Marks, Ext. 23176.</p> <p>POWER MOWER, rotary w/recoil starter, \$40. Nielsen, Alb. 5-6497.</p>	<p>2-WHEEL TRAILER, 6x8 ft., springs, tail light, 15" wheels, tarp, \$75. Radigan, Ext. 31287, 3180 41st Pl.</p> <p>3 BR. HOUSE, North Valley, \$9,500 total, \$700 down. 913 San Lorenzo NW, Alb. 4-0895.</p> <p>LAWN MOWER; luggage trailer, all metal, 2-wheel; must sell. Barker, Alb. 9-2365.</p> <p>SPACIOUS TWO BEDROOM home, pueblo style, dining room, Ridgecrest Dr. SE, 5 min. to either Base, schools, churches, shopping, central heat, dishwasher, water softener, wall front and rear, paved patio, fruit trees, paving and sidewalk included under \$13,000 to responsible buyer. LeCompte, Alb. 6-9734.</p> <p>AUTOMATIC WASHER, 2 years old. Sell or trade. Johnson, Alb. 5-2762.</p> <p><b>LOST AND FOUND</b></p> <p>LOST—Tobacco pouch, artificial rose, Reddy Kilowatt earring, blue stone earring, red plastic swimming pool, 4 keys on ring w/Fremont Hotel plaque. LOST AND FOUND, Ext. 26149.</p> <p>FOUND—Pink and gold earring, green edge scarf w/flower center. LOST AND FOUND, Ext. 26149.</p> <p><b>FOR RENT</b></p> <p>CAMPING TRAILER, new, 15 foot, sleeps five, \$25 per week. Higgins, Alb. 9-2285.</p> <p><b>WANTED</b></p> <p>HOMES FOR KITTENS, free. Schorr, Alb. 5-7234.</p> <p>CHILD CARE and baby sitting in private home during day; baby sitting at night. McGarvie, Alb. 5-5634, 2811 Montclair NE.</p> <p>TENT and some other camping gear. Shafer, Alb. 4-4019.</p> <p>METAL TRUNK, foot locker type. Lloyd, Alb. 5-5788.</p> <p>BABY SITTING for Base residents. James, Ext. 4-4195.</p> <p>TO TRADE two ¼ hp motors for one ½ hp motor. Gabaldon, Alb. 9-5901.</p> <p>TO TRADE new 30-06 or nearly new 32 Spec. for 38-44 or 357 mag.; also want tent. Pritchard, Alb. 6-5667.</p>

# Peripatetic Documents to Be Shadowed Mechanically

The case of the misplaced document is about to become a thing of the past at Sandia Corporation.

After July 1, the thousands of classified papers circulating through the Laboratory will be "under surveillance" by two near-infallible detectives — cards and machines.

A system of IBM card punch machines and transceivers operating on a diet of pasteboards and human ingenuity will make possible speedy location of any document among the many thousands now in circulation.

"It's an efficient system," says Howard J. Smyth, supervisor of Document Control Division I, operators of the program, "and it will make possible extremely rapid work and efficient accountability record keeping."

**System Explained**  
He explains the new document accountability program thus:

Heart of the system will be seven typewriter card punch machines and two transceivers. The card punch machines will be in the Document Department, Bldg. 802, as will be one of the transceivers. The other will be in Release Division, 7423, in Bldg. 880.

The card punch machines will record the name of the document, its number, classification and holder on IBM cards which will be placed in the transceiver in 802 and reproduced simultaneously in 880.

Cards in 802 will be filed in document order number and those in 880 will be filed numerically by accountability station organization number.

In addition, each accountability station will ultimately have two cards on file for each document charged to it. One card will show the location of a document within



**TRAINING SESSIONS** to acquaint supervisors and secretaries with the working procedures of the new accountability system for classified documents were conducted by Mary Williams of the General Training and Education Division 3124. Here Mary (right) and Howie Smyth (2461) illustrate the system for the secretaries class.



**HEART** of the new machine punch card accountability system are these IBM machines operated by document clerks of Division 2461. The two machines on the right are IBM 826's that record document number, classification, accountability station, and other information on cards for the master automatic filing system in Bldg. 802. Machine in the center is a transceiver that transmits information to the Tab Room in Bldg. 880 where charge lists are prepared by other IBM 826 machines. In background is IBM Sorter.

the station and a related card will be filed by name of the individual to whom the document is charged.

**Gradual Change-Over**  
Conversion to the new system will be done in four phases. All accountable classified documents originated after July 1 will be placed directly into the new system. Transfer of a classified document from one accountability station to another will result in IBM cards being prepared.

After inventory, the documents of accountability stations will be taken into the system and finally IBM cards will be prepared on all documents in the Records Depository. The steps will be completed in about two years.

The new document control system is the result of the efforts of many people.

Frank Branigan (2461-4) worked out the details of the system and

made an idea into a reality. Frank Grubbs, and the Tab Committee members, studied the program of feasibility. Dan Yarbrough (7420) will perform the added IBM card workload in the Specifications Department. Mary Williams, General Training and Education Division, 3124, conducted training sessions for secretaries teaching them the procedures of the new system.



**PILOT GROUP** discusses operating procedures of the new machine punch card method of classified document accountability. Sitting clockwise around the table are Goldie Hart (4112), Elinor Anderson (1260), Aileen Moran (5200), Matt Connors (4112), Howie Smyth (2461), Rosalie Crawford (1), Frieda Salazar (5000), Mary Williams (3124), Gertrude Byrne (7225) and Betty Pickel (2300). Not shown are Mavis Randle (1000), Doris Beaver (2700), Charles Inberg (4112) and Frank Branigan (2461).

## Free Movie Schedule Set for Early July

The Corporation's free noon hour movie schedule during the first half of July will delve into history, geography and sports.

July 2-5 the showing will include "Alaska Our Pioneer Heritage" and "How to Ride a Horse."

July 9-12 the program will feature "American Revolution: Background, War Years, Postwar."

The movies are shown Tuesdays and Thursdays in Bldg. 849 and Wednesdays and Fridays in Bldg. 802 basement conference room. All begin at 12:10.

## Fish and Game News Available

Game and Fish News, an official publication of the State Game and Fish Department, is available to Sandians at Employee Services 3122, Bldg. 829. The weekly newsletter reports latest fishing conditions throughout the state and special events of interest to sportsmen.

## 35th Anniversary

Dinner and an evening on the town were enjoyed by Clarence Canady (2711) and his wife last Friday when they marked their 35th wedding anniversary.

The couple was married in Chanute, Kan., after three years of "going steady" in high school. Clarence recalls that his best girl baked the cake for his 16th birthday and has continued to do so through the years — only as his wife.

## Sandia, AEC Officials Give Security Refresher At Livermore Branch

An annual refresher lecture in security was given for all employees at Sandia Corporation's Livermore Branch recently with both AEC and Sandia officials participating.

The session was arranged by Jim McMinn, supervisor of 1832-3, and his assistant, Dave Hurley, both of whom gave security talks.

Lectures were also given by Director of Systems Development at Livermore W. J. Howard; John L. O'Gara, Director of the AEC Security Division; and Richard Daley, secretary of the AEC San Francisco Security Education Office. Those in attendance included Lawrence S. Kirscher, Chief of Security Operations, and James M. Howell, AEC Livermore Site Representative.

## Five Years Ago

President Donald A. Quarles explains to newsmen and civil defense officials Sandia's tasks in the overall AEC program... Purchasing organization discloses that during 1951 more than 32,000 orders were placed with 3,570 suppliers in 41 states. The figures included \$3,476,821 in orders placed with New Mexico businesses... Coronado Club members elect C. W. Campbell as president of the Board of Directors... In the previous month 128 persons hired-in as Corporation employees, 62 of them from New Mexico.

## Son Born Same Day Inspires Cliff Taylor To Pitch No-Hitter

Two defeats tumbled 3100 team into fifth place giving 1400 undisputed lead in the Sandia Employees Softball Association recently. Team 1400 is tops with 8 won and 1 lost. Most recent victim was 5200-II, defeated 21-4. Team 3100 fell to AEC 14-6 and to 1600 9-4.

Meanwhile 2500, last year's champion, was quietly going about with the destruction of 2100 (2-0) and 5200-II (18-17). The two wins moved 2500 from fourth place in the league to a tie with 5200-I for second place. Both teams have won 8 and lost 2.

A. C. "Cliff" Taylor became the giant of the league by pitching the season's first no hit game. Cliff was celebrating the birth of a new son, born earlier in the day, and inspired his 2100 team to a 24-0 victory over 5500.

Team	Standings	Won	Lost	Pct.
1400	8	1		.889
2500	8	2		.800
5200-I	8	2		.800
1200	9	3		.750
3100	8	3		.727
7200	7	3		.700
2100	6	3		.667
1600	6	4		.600
AEC	6	5		.545
2200	5	5		.500
4100	5	6		.455
7400	4	5		.444
2300	5	7		.417
5500	4	7		.364
5100	3	7		.300
2700	2	9		.182
5200-II	2	9		.182
2400-I	0	10		.000

## Service Awards



Charles P. Glaese  
7411  
July 9, 1947



Clem M. Dixon, Jr.  
2353  
July 10, 1947



Jo O. Davis  
1281  
July 10, 1947



Kenneth Harrington  
2152  
July 10, 1947

## Five Year Pins

June 28-July 4

Burton E. Dieruf 1225, Reuben H. Gablehouse 5223, Robert V. Peet 5252, Edward R. Stepka 1224, Robert T. Sylvester 2533, William F. Roherty 5121, Laurence J. Woolrich 1612.

B. H. Bueffel, Jr. 1415, Albert R. Elwell, Jr. 5522, Hans E. Hansen 5231, Theodore P. Krein 1216, Andrew Lieber, Jr. 1225, Trevor C. Looney 5231, R. D. Christopher 5521, Joffre P. Myers 1217.

Norman J. Elliott 1411, Haddon C. Redding 4113, Everett G. Hayes 2552, Joseph S. Miller 4135, William M. Evans 5523, Betty J. Jones 7225, Neal L. Vinson 7132.

Aaron B. Lawrence 1651, H. Dorothy Mohart 2531, Jean L. Braswell 7411, John J. Harper 2231, and Helen W. Hakes 4153.

July 5-11

Eugene K. Gardner 2160, N. M. Karnowsky 1626, Leopold L. Flores 5524, Gene M. Nielsen 4114, Paul F. Scheele 5223, Ishmael Ortega 1621, Edward J. Peterson 2154, John H. Mitchell 2483.

## Two Year Certificates

June 28-July 4

Eugene C. Cnare 5131, Carroll A. Coonce 5221, Bruce A. Wickesberg 5133, Ronald E. Martinell 7324, William L. Gibson 2151, Barbara A. Stearns 7225, Sidney B. Gasser 2514.

Glenn R. Norris 1225, Curtis D. Oувerson 1423, Floyd H. Jean 5222, Robert M. Wilbanks 7312, William H. Jackson 4151, and Delbert D. Stewart 2152.

July 5-11

J. R. Martindell 1422, Frances R. Aaron 4153, Adah A. Phear 2461, Roland A. Lincoln 1652, Ruth G. Peterson 2443.

Helen T. Salazar 7121, E. Genese Shieler 7225, Rosanne M. DuBois 7225, George H. Carton 2463, Victor Sirwinski 1441, and Frederick J. Martin 7326.

## Sandia's Electronic Data Processing Plans Reported to AEC Conference

Sandia Corporation's proposed use of electronic data processing was recently explained to an AEC-ALO Electro-Mechanical Utilization conference in Albuquerque by two Sandians.

Frank C. Grubbs, Manager of the Electronic Data Processing Department, 4140, and J. W. Benson, Supervisor of Service Production Division, 2222, were on the Conference program. Mr. Grubbs discussed electronic data process-

ing machinery and the proposed application to Sandia production control work. Mr. Benson told of the Production Control organization at Sandia.

The meeting was sponsored by Frank C. Di Luzio, Deputy Manager ALO, and was attended by representatives of ACF Industries, Rocky Flats, Monsanto Chemical Co., Silas Mason and the AEC's Controller Office, Washington, D.C.