

# Sandia Corporation LAB NEWS

ALBUQUERQUE, N. MEX. • LIVERMORE, CALIF.

VOL. 12, NO. 8

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APRIL 15, 1960

## Hospital Drive Reopened by Employees at Livermore Lab

Sandia Corporation's Livermore Laboratory will conduct a supplementary fund drive in May to raise money for the completion of the Valley Memorial Hospital, it was announced by Clyde Walker (8121), chairman of the Labora-

tory solicitation campaign.

The drive will be aimed at all those employees who have been added to the rolls since October 1958, when the last drive was conducted, Clyde said. Employees on the roll during the last campaign may make contributions or raise the amounts of their pledges during the drive if they wish.

As in the case of previous pledges, donations for the new drive may be made through payroll deduction to continue over a three-year period. Minimum contribution for voting membership in the hospital association is \$100 or \$3 a month by payroll deduction.

The Livermore-Pleasanton community will launch its fund drive April 19. Goal of the entire campaign is to raise \$445,000 needed to complete the 46-bed \$1,744,000 hospital. Additional details will be announced in the next issue of the Lab News.

## Voting Registration At Livermore Lab Done By Volunteers

More than 125 Sandia employees at Livermore Laboratory registered for the June California primary elections during a special registration held at the Laboratory April 5.

Volunteer registrars from the Livermore League of Women Voters administered the program. Arrangements were made by the Employee Services, Wage and Records Section (8212-2).

## Provost Marshal Reminds Motorists to Remove Decal if Car Is Sold

Sandia Corporation employees are urged to comply with military regulations by removing decals and filling out the appropriate cancellation form when selling registered vehicles.

According to the Sandia Base Provost Marshal, this procedure must be followed even when the vehicle is sold to another Corporation employee since the decal number is issued to the individual on the basis of his insurance coverage.

Motorists on Sandia Base who ignore this regulation may be issued a citation.



Mr. Eagen

## James L. Eagen Earns Special AEC Fellowship

James L. Eagen (8163-1) has been selected to receive an Atomic Energy Commission special fellowship in nuclear science and engineering.

Jim was one of 231 outstanding students from 39 states, the District of Columbia, and Puerto Rico, appointed to receive these fellowships.

An employee of Sandia Corporation for four years, Jim transferred to Livermore two years ago. He is a graduate of the University of Nebraska where he received his Bachelor's degree in mechanical engineering. He did graduate work at the University of New Mexico while working at Sandia Laboratory.

Jim plans to use his fellowship to enter the University of California this fall and work toward his Master's in nuclear engineering. The fellowship will provide him with \$1800 plus tuition for a full year. He is presently enrolled in the Sandia Corporation Educational Aids Program, taking three semester hours in atomic physics at the University of California.

The Oak Ridge Institute of Nuclear Studies administers the fellowships for the AEC. The fellowships were established to aid and encourage promising students who are studying for Master's or Doctor's degrees in nuclear fields.

Fellowship appointments are made for twelve months and may be used for study at any one of 49 designated universities throughout the country.

## AEC Seeks Bids to Install Accelerator in Sandia Building

The Atomic Energy Commission advised contractors last week that bids were being sought for installation of a Cockcroft-Walton Accelerator in Bldg. 884. The accelerator will be used by Physical Sciences Research Department 5150 to study the structure and characteristics of atomic nuclei.

The project involves removal of existing partitions and utilities in one end of Bldg. 884; construction of foundations, utilities, and screened, air-conditioned enclosure for the accelerator; and installation of the accelerator, except for final electrical hook-up.

Bids are scheduled to be opened April 28. Work is to be completed within 60 days after the contractor receives notice to proceed.

Plant Engineering Department 4540 prepared the preliminary design and layout specifications. Murl Moore (4543) is project engineer.



NUCLEAR REACTOR site is suitable background for discussions between Larry Gordon (left), head of the City Department of Public Health, and W. H. Kingsley, supervisor of Industrial Hygiene Div.

## City Health Official Cooperates With Sandia On Radiological Matters

A full security clearance has been granted Larry Gordon, head of the Albuquerque Department of Public Health, in order to promote a better understanding of the general public with radiological health and industrial hygiene problems.

Mr. Gordon has had experience as an "off site" radiation monitor during the full scale nuclear tests at the Nevada Test Site and holds graduate degrees in public health.

He will be associated with the Industrial Hygiene Division in his visits to Sandia Laboratory.

## J. P. Burger Contributes Material For Book Helping Science Teachers

Material on demonstrations in general chemistry, contained in the recently published book, *Science Aids and Suggestions for Teachers*, was written by Joseph P. Burger (1628-1).

The book is the first of its kind to be made available by the New Mexico State Department of Education and is an attempt to provide specific information to teachers which would be useful in daily classwork. It is described as the outgrowth of combined efforts on the part of scores of science teachers in New Mexico.

Mr. Burger contributed two chapters, "Laboratory Experiments in Chemistry" and "Demonstrations in Chemistry," along with information on necessary equipment, materials and supplies. Much of the material was adapted from his book, *Demonstrations in General Chemistry*, which was written in 1953-54 as a result of his work at the University of New Mexico Chemistry Department.

He has worked for two years at Sandia Corporation in the Radiation Effects Division. Previously Mr. Burger taught chemistry 13 years, both at Regis College and high school in Denver and at Albuquerque high school.

Mr. Burger holds Bachelor's and Master's degrees in chemistry from the University of Colorado and has also taken graduate work at UNM.

## Tumbleweeds

### They Don't Sing About 'Em Here—They're Burned

Tumbleweeds, the curse of New Mexico, have met their downfall.

Every year men armed with pitchforks have spent hours clearing the pesky weeds away from the security fences in Areas I, II and III, where they are deemed safety, fire and security hazards.

This year a drive on "quick death for tumbleweeds" was started. Several different methods—including bailing the tumbleweeds like hay—were tried until Floyd Neff (4573) came up with the design for a pusher blade installed in front of a road grader.

After the blade pushed the weeds away from the fences, the highly combustible dry weeds were burned under the watchful eye of fire inspector T. A. Rosenwald (4542) and a truck from the Sandia Base Fire Department.

## Gone . . .



SURVEYING CLEARED FENCE is E. J. Whitmore of Labor Support and Grounds Maintenance Division. Tumbleweeds no longer cause fire or security hazard—at least until the next wind storm.

## Going . . .



PUSHER BLADE, developed to battle tumbleweeds, towers over its designer and builder Lloyd Neff. Charlie Ortega, in cab of road grader, is ready to start clearing away the pesky weeds. Both men and machines are from the Motor Pool Division.

## Going . . .



TUMBLEWEEDS OBLITERATE six ft. barbed wire fence in Area III. Grader pushes the weeds away from fence and piles them where they can be burned with a maximum amount of safety.

## Editorial Comment

### Dig That Grapevine!

"Say, have you heard . . ." are words which introduce you to the latest off the grapevine. That introduction probably came about a long time ago for as long as there have been people there have been grapevines, rumor mills, scuttlebutt or some other method which transmits misinformation in a rapid manner.

It's all great sport, this dissemination of non-fact, and it is probably harmless if you take the grapevine product for what it is worth. But the trouble is, too many persons place great faith in rumors they hear billed as the "gospel truth."

If you are tuned in on some tenuous source which liberally provides the latest dope, bear in mind that most rumors are based on the fears and hopes of people. Rumors start as wishful thinking and end up as "the straight stuff."

Of course, some rumors do "luck out" and turn up as fact. There's probably something in the law of averages to take care of that. But if you're a person who understands betting odds you will place mighty little faith in any rumor.

If we took all the untruths contained in rumors and laid them end to end it would probably be a good idea.



DOLL BEDS, built by DeForest Rushing for needy children at Christmas, received notice in recent issue of *Mechanix Illustrated*.

### Christmas Good Turn Given Recognition By National Magazine

National recognition has been received by DeForest H. Rushing for his Christmas generosity.

Last December DeForest, an electronic inspector in Section 4232-3, built five doll beds from scrap lumber, which he gave to the Marines' Toys for Tots drive. A photograph and description of the beds were sent to *Mechanix Illustrated* and he was honored recently by the magazine. In addition to a certificate, DeForest received the Golden Hammer award—reduced to tie bar size.

DeForest has six children and the previous year had made doll beds for his youngest daughter and a neighbor girl. This was the first time he had made any toys for the annual Christmas drive. He reports that each bed required about six hours of work.

### Ho-Hum

E. L. Johnson (3424) passed jelly beans again. "Calico Kate," his prolific cat, just had her 20th litter — four all white kittens.

### Congratulations

Born to:

Mr. and Mrs. Larry Jeffers (1331) a son, Kenneth Allen, on March 26.

Mr. and Mrs. Tom C. Garcia (2724-2) a son, Stephen Phillip, on March 15.

Mr. and Mrs. William Harvey (3113-1) a son, Patrick James, on March 23.

Mr. and Mrs. George Baldoñado (4152) a daughter, Debra Alberta, on March 25.

Mr. and Mrs. Howard J. Cilke (1424-3) a son, Joseph Thomas, on April 5.

Mr. and Mrs. J. C. L. Leslie (3431-2) a son, Gregory Lloyd, on April 7.

Mr. and Mrs. Philip T. Boling (1311) a son, Thomas Arthur, on April 7.

Mr. and Mrs. R. L. Sullivan (8152-1) a daughter on March 24.

Mr. and Mrs. R. L. Lachance (4253-1) a son, Robert John, on March 26.

Mr. and Mrs. B. D. Neil (4212) a son, Roger Whitley, on March 27.

### New Homes

Tom Dadian (8115-1) and his wife, Eleanor (8224-1), have moved into a new home at 1354 Balboa Way, Livermore.

A recent transferee from Livermore Laboratory, Marvin Ozmum (4412-1), has moved into a new home at 3600 Mary Ellen NE.

David White (4252-2) and his family recently moved into their new home at 8204 Fruit NE.

Lela (4423-2) and Gerson Martinez (4574-2) are proud owners of a new home at 816 Marcella NE.

### Sick List

All of organization 4200 extends get well wishes to R. J. Hansen (4200).

Two members of Section 4212-1 are on the sick list. O'Donna Gunn is recovering from a recent illness. Alfredo Montoya is convalescing following surgery.

### Welcome Back

Back on the job after a recent illness is Kitty Weston (5126).

### Businessmen and Educators Discuss Need for Mathematics in Education

The place of quantitative methods in the curricula of business administration colleges was discussed during a conference of educators and industry representatives at the University of Texas, Austin, last month.

Frank H. Grubbs, manager of the Electronic Data Processing Department, attended as a Sandia Corporation representative.

There was general agreement that additional mathematics should be taught in the business college beyond the college algebra level presently required in view of the increasing prevalence of data processing equipment in industry.

Mr. Grubbs reported, "For the general business graduate in accounting, finance, or other concentrations, a nine-hour course in finite mathematics was suggested. This would combine with it the necessary elements of college algebra and thus eliminate algebra as a separate subject in the business college."

"The need for a new and fresh approach," he noted, "somewhat apart from the classic notions of freshman mathematics seems to



TAKE A MEMO—In the interests of promoting safer working habits A. B. Metzger, manager of Sandia Corporation's Safety Engineering Department,

dictates a safety message to Lila Craig (1261). Forming a pleasing backdrop are 50 stenographers who have been Take A Memo girls.

### Opinions Pay Off

C. F. Drummond (8114-2) and his wife were recipients of a free dinner at an Oakland restaurant recently in return for a telephone interview on KCBS radio in which his wife was asked to give her opinions of teen-age dating.

### Division Party

The Livermore Rod and Gun Club was the scene of a recent party given by employees of the Model Shop and Inspection Division (8223) at Livermore Laboratory.

Don Tassano and Ruth Spence (both 8223-3) served as hosts and food was arranged by Frank Petrina (8223-1), Jessie Berry, Eloise Perry and Cathy Callow (all 8223-3).

The division is now planning a barbeque party to take place this summer.

### Hospitalized

Easter at home will be a treat enjoyed by Helen T. Lautner, a retired Sandia Corporation employee. Helen fell in her living room on Jan. 22 and broke her hip and left wrist. She has been hospitalized ever since, but expects to be taken home (2002 Silver SE) today.

### Wedding

Sharon Lee Gardner (3113) became the bride of Lawrence Meyer of Waynesboro, Va., on March 19. The evening ceremony was held at the Redeemer Lutheran Church in Albuquerque.

Sharon has worked for the Corporation since January 1958.

### Louis Wigley Discovers Collector's Bonanza of 60-Year-Old Postcards

When Louis Wigley (4574-2) moved into his home at 816 Amherst NE, he became the owner of a mysterious cardboard box sitting under the house.

It didn't take him long to crawl under the house to find out what was in that box. Out came fancy old mouse traps, a boatswain's whistle and about 75 post cards of early 1900 vintage.

These were the type of post cards grandpa used to court grandma. "Hearty" birthday and best wishes greetings were often sent on post cards in that day instead of using an envelope and separate card. Southwestern scenic pictures were among the group, as well as the usual nonsense cards.

One series of six pictures shows various stages in building a railroad. Interested spectators are shown surrounding the track, mostly in horse and buggy vehicles, although one brave soul was driving a car.

The flowery, sentimental, "lover" type of post card included such romantic messages as "I think the world of you and want you to be forever mine," or "Would you want me as your fellow?"

Among the scenic pictures are Main Street in Grand Junction, Colo., the City Park in Denver, and several of New Mexican pueblo Indians.

On the humorous side, a "Katz-enjammer Kids" style of speech seemed to be popular with such lines as "I vunder if she would schmile at me so schweet if I gif her somding nice," or "Money



POST CARDS dating back to the early 1900's were found by Louis Wigley (4574) when he moved into a new home. They show style, sense of humor and popular verses of that period.

makes de money go; undt so it goes already yet."

Perhaps the funniest of all is the one entitled "A Honeymoon in the Country." The groom is shown fishing (actually asleep with a handkerchief over his head) in the background. The bride is reading drowsily, and a pig nuzzles her face. The bride's comment: "Dear Old Georgie!"

### Sympathy

To Delia Jaramillo (1320) for the death of her brother in El Paso recently.

To Harry W. Clay (4573-1) for the death of his mother-in-law in Texas on March 20.

To R. C. Marsh (2565) for the recent death of his mother.

To Nita Bauer (3466-1) for the death of her mother on March 14.

To Wayne Cottingham (2722-3) for the death of his father in McLeansboro, Ill., on April 5.

To Victor Schaeffer (4253-2) for the death of his mother in Kansas March 31.

To W. E. Caldes (2710) for the death of his father April 11 in Florida.

### R. G. Elsbrock to Speak in Santa Fe

R. G. Elsbrock (3361-1) will speak to approximately 100 Santa Fe high school science students on Wednesday, April 20. Topic of his talk is "Industrial Hygiene in Health and Industry."

His invitation to speak to the group was extended by Tom Walsh, principal of the high school, and Harold B. Freshley, head of the science department. makes de mare go, undt voman

Sandia Corporation

# LAB NEWS

ALBUQUERQUE, N. MEX. • LIVERMORE, CALIF.

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## Sandia Lab Men to Contribute to WE Quality Conference

The Second Interworks Conference on Statistical Quality Control, sponsored by the Western Electric Company in Allentown, Pa., May 3-5, will include participation by Sandia Corporation employees.

E. L. Devor (2561-2) will present a paper, "Close Up the Pre-Production End of Your Quality Control System."

L. E. Snodgrass (2561) prepared material to be consolidated with similar reports from other WE locations for presentation in resume form to the conference participants.

Participating in a workshop on Supplier Relationships will be J. A. Larson (2561-3).

## Promotions

C. J. Williams (3464) to Document Clerk  
Lois D. Calkins (3461) to Tab Equip. Operator  
Barbara T. Reis (4413) to Draftsman  
A. D. McGillivray, Jr. (4413) to Draftsman  
F. E. Cunningham (8232) to Document Clerk  
Mac D. Beaman (4574) to Janitor  
Jerry Cole (4254) to Machinist  
Jake F. Gonzales (4254) to Machinist  
Mary A. Fergesen (3126) to Typist Clerk  
Ronald J. Clouser (3464) to Document Clerk  
M. Hugh Martin (3126) to Secretarial Steno  
Sharon Lawrence (3126) to Secretarial Steno  
Doris L. Mortensen (3126) to Secretarial Typist  
Walter F. Scott (3464) to Camera Operator  
Daniel G. James (3464) to Camera Operator  
Helen S. Ingram (4582) to Secretarial Steno  
Consuelo J. Lopez (4623) to Record Clerk  
C. L. Candelaria (3126) to Secretarial Typist  
George Blea (4153) to Accountant  
Stewart W. Wilkison (4582) to Plant Protection Inspector  
Stuart V. Ward (4582) to Plant Protection Inspector  
Paul A. Mordasini (4582) to Plant Protection Inspector  
Eugene O. Dotson (4582) to Plant Protection Inspector  
Willis R. Erwin (4582) to Plant Protection Inspector

Jose R. Gonzales (8223) to Molder & Assembler  
Judith D. Bryant (8212) to Secretarial Steno  
Iva E. Adkins (3464) to Document Clerk  
Charles V. Ladig, Jr. (4251) to Machinist  
Kyle B. Williams (4253) to Machinist  
John I. Malpas, Jr. (4253) to Machinist  
George R. Edgerly (3466) to Document Clerk  
Carolyn J. Dill (4131) to Steno Clerk  
Annabelle J. Jesse (3126) to Secretarial Typist  
Jerry A. Wackerly (8213) to Accounting Clerk  
Joyce H. Scott (8123) to Staff Assistant  
David A. Paschal (4233) to Plate Maker  
Marvin O. Aaron (3461) to Document Clerk  
Marjorie I. Reams (3126) to Secretarial Typist  
Dixie J. Culp (4151) to Accounting Clerk  
Dennis B. Hayes (5112) to Data Reduction Clerk  
Julia A. Knisely (5125) to Data Reduction Clerk  
Nancy J. Ellis (3364) to Receptionist  
Betty N. Chaney (5320) to Secretary  
Donald G. Knudsen (8121) to Photo Printer

**Supervisory Lateral Transfers**  
R. E. Glass from 5223-2 to 5221-1  
K. R. Fortman from 5222-2 to 5221-2  
T. L. Pace from 5221-3 to 5223-2  
F. E. Thompson from 5221-1 to 5224-2  
K. C. Humphreys from 1626-2 to 1628-1  
A. Blain from 4631 to 4624  
G. L. Hutchinson from 4631-1 to 4624-1  
A. Sanchez from 4631-2 to 4624-2  
U. M. Karpen from 4632 to 4613  
J. L. Miller from 4632-1 to 4613-1  
F. A. Baczek from 4633 to 4614  
F. H. Vishaway from 4633-1 to 4614-1  
W. E. Johnston from 1414-2 to 1413-3  
L. A. Dillingham from 1263-1 to 1222-1  
L. F. Denton from 5541-3 to 5511-3  
F. J. Weibell from 1285-2 to 1215-2  
E. C. Dow from 5545-2 to 5522-3  
H. B. Goldenberg from 5522-3 to 5513-2  
L. J. Webby from 2565-2 to 4541-3  
A. W. Reger from 1613 to 1612  
D. Williams, Jr., from 1612 to 1613  
A. A. Lieber from 1262 to 1261  
D. M. Olson from 1263 to 1262  
L. M. Spivey from 8152 to 8164  
R. A. Baroody from 8121 to 8152  
H. C. Walker from 8123 to 8121  
H. D. Reed from 8152-2 to 8164-1  
C. M. Potthoff from 8142-2 to 8164-2  
V. M. Field from 8141-1 to 8152-2  
G. W. Moses from 5541-4 to 5536-4

## Sandia Lab Cash Buyers Give Handy, Fast Shopping Service

A request for an item costing less than \$100, not available through General Stores, and needed in a hurry, calls for action by one of Sandia's cash buyers.

To the requestor, convenience and speedy service are the main advantages of having such orders handled by buyers familiar with merchandise available from local firms, rather than each organization making purchases from a petty cash fund.

The cash buyers—H. J. Brown, J. A. Deveneau, J. L. Miller and W. C. Purchase—are assigned to the Buyer of Electrical and Mechanical Supplies (4361), and their purchases encompass a wide variety of objects.

### Complete Buying Function

"We handle the complete buying function," Mr. Brown, a cash buyer for three years, explained. "A purchase requisition—or merely a phone call on rush orders—starts the ball rolling. We locate the item by telephone, drive to the supplier, buy the article and deliver it to Receiving."

The buyers take turns making the daily trip. This involves some 30 stops to pick up an average of 42 orders. Frequently during his trip the buyer calls in to the Purchasing organization to learn of emergency purchases to be picked up, thus eliminating a special trip by another buyer. Sandia Corporation has about 50 charge accounts at local hardware, stationery, electrical equipment and other specialty stores. In addition, each buyer has his own bank account and can write checks for cash purchases.



"PURCHASE OF PURCHASING" is W. C. Purchase's familiar identification on the telephone. On rush orders a call to a local supplier on a second phone can frequently make possible an immediate confirmation.

### Buy Locally

Mr. Purchase, as spokesman for the others, pointed out, "We do everything we possibly can to buy locally. On occasions we have made as many as nine calls in an effort to locate a specific item before placing the order with an out-of-town supplier."

During January, 638 purchases were made totaling \$18,438. Research and Development organizations requested about half of the items, with Maintenance and Model Shops following in that order. The order included 343 articles valued at less than \$25. Monthly purchases by the cash buyers have been as high as \$23,000.

Even though normally most orders can be delivered the same day the order is placed, an emergency service is offered. An engineer working on a special project who needs an item before he can continue is assured of getting that item as quickly as possible—frequently within an hour after the initial request.

## Bids Received for Sandia Corporation Area III Modification

Universal Grading Company of Albuquerque is apparent low bidder for modifications to Sandia's Air Gun Facility in Area III. The firm's bid, one of six submitted, was \$20,700.

The project includes earth barricade construction and concrete work, installation of government-furnished underground cable, miscellaneous electrical work, and minor modifications to two buildings.

The new construction will provide additional safety protection between the air gun and hot gas facilities.

Work is to be completed within 45 days after the contractor receives notice to proceed.

Plant Engineering Department 4540 prepared preliminary design and layout for the modifications. Jim Reid (4543) was project engineer.



CASH BUYER Jack Deveneau (left) examines saw in local hardware store to make sure that it meets requestor's specifications.



PREVIOUS DAY'S cash purchases are checked by Buyers John Miller (left) and H. J. Brown. Each man has his own bank account for buying items not carried by Sandia's General Stores.

## Scientific and Technical Meetings

**April 15**  
Association of Computing Machinery  
UNM Student Union  
Technical Sessions: 10 a.m. through 4 p.m.  
Dinner Meeting: 7 p.m.  
Speaker: Iben Browning (5131)  
Topic: "Some Aspects of Brain Structure and Function"  
For dinner reservations contact Burt Lindsay (5126), ext. 34146. Public invited.

**April 16**  
American Society of Mechanical Engineers  
Santa Fe Railway Co. Shops, Albuquerque Area  
Inspection Trip: 10 a.m.  
Host: D. J. Evertt, Superintendent of Shops and Mechanics, Santa Fe Railway Co.  
For more information contact Harold Schildknecht (1331), ext. 22159

**April 18**  
Institute of Radio Engineers  
Kirtland Officers Club  
Social Hour: 6:30 p.m.  
Dinner: 7:45 p.m.  
Speaker: Dr. Ronald L. McFarlan, International President of IRE  
Topic: "IRE and Its Role in Medical Electronics"  
For reservations or more information contact Bob Spence (5223), ext. 23249 or Nick Bourgeois (1414), ext. 54153. Wives and guests are invited. Advance reservations necessary.

**April 20**  
Society of Technical Writers and Editors  
Reddy's Rendezvous  
Technical Meeting: 7:30 p.m.  
Panel: Members of the technical writing staffs of Lytle and Sandia Corporations  
Topic: "Audience Level and Style of Technical Manuals"  
For more information contact G. J. Hurley (5323), ext. 46256

**April 21**  
American Meteorological Society  
UNM Administration Bldg., Room 253  
Technical Meeting: 7:30 p.m.  
Speaker: J. W. Reed (5111)  
Topic: "Hurricane Control"  
For more information contact B. N. Charles (5121), ext. 48161

**April 21**  
American Society for Metals  
Place to be announced  
Social Hour: 6:15 p.m.  
Dinner: 7 p.m.  
Technical Meeting: 8 p.m.  
Speaker: J. S. Schneenaan, President, X-Ray Products Corp., Rivera, Calif.  
Topic: "Nondestructive Testing"  
For more information contact Harry Holmes (1621), ext. 47160

**April 25**  
New Mexico Society of Professional Engineers  
Coronado Club  
Dinner Meeting: 6:30 p.m.  
Technical Meeting: 7 p.m.  
Speaker: A. Burton Metzger (3210)  
Topic: "The Effects of Electrical Shock on the Human Body"  
For reservations or more information contact Walter Scott (1282), ext. 20147

**April 27**  
Society for Nondestructive Testing  
Auditorium, Los Alamos Health Research Laboratory  
Dinner Meeting: Los Alamos Golf Club, 6:30 p.m. DST  
Technical Meeting: 8 p.m. DST  
Speaker: Lloyd R. Cooper, Chief Metallurgist, Pittsburgh, Pa., Plant, Happenstall Company  
Topic: A discussion of some details of the manufacture of large forgings and the significance of ultrasonic testing of large steel forgings.  
For dinner reservations or more information contact J. H. Bender, Los Alamos 799, before 4 p.m., DST, April 25

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

## Welcome Newcomers

March 28-April 8	
<b>Albuquerque</b>	
John W. Bowers	4152
*M. Ann Cartnell	3153
Nina M. Hampton	4344
*Barbara D. Hoeke	3126
*Harry J. Rouckus	4413
<b>California</b>	
Doyle R. Baker, Belmont	8122-3
Dorothy M. Fones, Livermore	8114-1
Olive P. Fordham, Livermore	8212-5
William J. Harrington, Monterey	8123-3
Wilda F. Hill, Livermore	8212-3
Frances A. Hodgkins, San Lorenzo	8211-3
Josephine Ivins, Oakland	8212-3
Barbara L. Jones, Livermore	8212-3
Karen D. Lucas, Livermore	8212-5
Money McCoy, Jr., Berkeley	8121-3
Barbara M. Netherton, Livermore	8212-3
*Fay A. Tome, Long Beach	8212-3
<b>Georgia</b>	
Gary Willingham, Atlanta	1247
<b>Illinois</b>	
Clinton L. Baumann, Chicago	1217
<b>Washington</b>	
Richard A. Holt, Seattle	8141-1
Kazuya Ichikawa, Seattle	8141-3
Duncan N. Tanner, Seattle	8122-1
<b>Wisconsin</b>	
Gene P. Carter, Milwaukee	1431
*Denotes Rehired	
<b>Returned from Leave</b>	
James A. Gilbert, Albuquerque	3466
Dorothy S. Hand, Albuquerque	5544
Lillian Thomas, Albuquerque	3466
Patricia A. Carothers, Hayward, Calif.	8232-3
William S. Dawson, Berkeley, Calif.	8114-3

## Table Tennis Tourney Underway

Sandia Corporation's annual table tennis doubles tournament is now underway and will end on April 25 when the championship game is played during the noon hour. Up to that date, daily games are being played in the south end of Bldg. 892.

Defending champs are Gene Chavez and Gene Lucero (2700). General organization champions and runners-up are as follows:

Organization	Champions	Runners-up
1200	Earl Morris—Jim Johnson	Casey Kassens—H. A. Krieger
1300	Carroll McCampbell—Don Bush	Charles McLaughlin—Bill Poole
1400	Otto Schreiber—Art Breipohl	D. Prairie—G. Merren
1600	L. J. Woolrich—Milt Madsen	H. Romero—D. Adolphson
2400	Tom Kelly—Paul Callies	Ben Gardiner—Art Finlayson
2500	Leo Reynolds—Don Hewitt	Bob Corey—Art Finlayson
2600	Ken Smith—Jack Chavez	V. Garrett—E. Mays
2700	Gene Chavez—Gene Lucero	Win Bergsten—F. Castillo
3100	George Banos—Dave Hill	Bob Garcia—John Wheeler
3400	Warner Jones—Walter Scott	Pat Sanchez—Ray Wallace
4100	Frank Comiskey—Malcolm Groll	Owen Urick—Louis Narvaiz
4200	Phil Meekins—Robert Ledgerwood	Stan Urevitch—Richard Gonzales
4400	Bill Lutgen—Art Everett	T. Bolz—V. Swinney
4500	Leo Cordova—Juan Peray	Warren Buck—John Chavez
4600	Ray Garcia—Ernie Gurule	Julian Perea—Onie Perea
5200	Jack Tischhauser—Ray Jensen	Warren Miller—Allen Netz
5300	Bob Leslie—Don Emrick	J. Baumgarner—D. Holman
5500	Nate Brown—Tim Butler	Ed McGarvie—L. Chandler
6000	Jim Tichenor—Bill Palmer	



WIRE TAPPING DEMONSTRATIONS were presented before 2200 Sandia Laboratory employees recently. C. E. Jordan (left), Security Operations and Information Division, helped organize the series of talks given by R. L. Durham (center) and D. D. Hurley, both of Livermore's Security Division. Mr. Durham is holding tiny recording device which fits in a briefcase. The lectures pointed up danger of classified discussions being secretly recorded.

# 1960 Election Calendar

For more than 100 million voters, 1960 is a year of decision. The presidency, vice-presidency, 28

state governors, 34 U.S. Senate seats, 437 seats in the House of Representatives, 6,325 seats in 44

state legislatures, and thousands of other posts at the county and local level will be at stake in this year's elections.

In many states important referendums on bond issues, school construction, and a wide variety of other matters will also be placed before the voters.

The key date of the political year will, of course, be Nov. 8, the

date of the general elections. But the political year is more than Election Day alone; it is a sequence of vital dates and events spanning a period of several months. What happens on Nov. 8th will depend largely upon what has gone on before; upon the number of well-informed citizens who have remembered to register, and upon

the wisdom of the decisions reached in some 50 primary elections extending from March through the first of October.

The Election Calendar presented on this page is intended to alert the reader of the Lab News to some of the more important election dates and deadlines during the months to come.

STATE	Number of Electoral Votes	DEADLINE FOR REGISTRATION		PRIMARY DATE	Presidential Preferential Primary *	STATE LEGISLATURES				GOVERNOR		U.S. CONGRESS	
		PRIMARY	GENERAL ELECTION			UPPER HOUSE Elect	UPPER HOUSE Term	LOWER HOUSE Elect	LOWER HOUSE Term	Elect	Term	Elect a Senator	No. of Representatives
Alabama	11	April 22	Oct. 28	May 3		none	4	none	4	no	4	yes	9
Alaska	3	Register at time of Voting		Aug. 2		10	4	40	2	no	4	yes	1
Arizona	4	July 8	Sept. 26	Sept. 13		28	2	80	2	yes	2	no	2
Arkansas	8	No registration. Poll tax receipt is evidence of being qualified to vote.		July 26		17	4	100	2	yes	2	yes	6
California	32	April 15	Sept. 16	June 7	June 7	20	4	80	2	no	4	no	30
Colorado	6	Aug. 29	Oct. 24	Sept. 13		18	4	65	2	no	4	yes	4
Connecticut	8	June 10	Oct. 15	Challenge Primary permitted		36	2	279	2	no	4	no	6
Delaware	3	July 23	Oct. 15	none		6	4	35	2	yes	4	yes	1
Florida	10	April 2	Oct. 8	May 3	May 24	19	4	95	2	yes	4	no	8
Georgia	12	May 10	May 10	Sept. 14		54	2	205	2	no	4	yes	10
Hawaii	3	Sept. 2	Oct. 18	Oct. 1		0	4	0	2	no	4	no	1
Idaho	4	June 4	Nov. 5	June 7		44	2	59	2	no	4	yes	2
Illinois	27	Mar. 14	Oct. 10	April 12	April 12	29	4	177	2	yes	4	yes	25
Indiana	13	April 4	Oct. 10	May 3	May 3	25	4	100	2	yes	4	no	11
Iowa	10	May 27	Oct. 29	June 6		28	4	108	2	yes	2	yes	8
Kansas	8	July 22 for all except Kansas City, Wichita and Topeka on July 12	Oct. 28 for all except Kansas City, Wichita and Topeka on Oct. 18	Aug. 2		40	4	125	2	yes	2	yes	6
Kentucky	10	Mar. 26	Sept. 10	May 24		none	4	none	2	no	4	yes	8
Louisiana	10	July 28	Oct. 8	Aug. 27		39	4	101	4	yes April 19	4	yes	8
Maine	5	Varies - usually a week before election		June 20		33	2	151	2	yes	4	yes	3
Maryland	9	April 16 Baltimore City, & counties with permanent registration Others, April 12	Sept. 26 Baltimore City, & counties with permanent registration Others, Sept. 13, 20	May 17	May 17	none	4	none	4	no	4	no	7
Massachusetts	16	Aug. 19	Oct. 7	Sept. 20	April 26	40	2	240	2	yes	2	yes	14
Michigan	20	July 5	Oct. 10	Aug. 2		34	2	110	2	yes	2	yes	18
Minnesota	11	Aug. 23	Oct. 18	Sept. 13		none	4	131	2	yes	2	yes	9
Mississippi	8	July 8	July 8	Aug. 23		none	4	none	4	no	4	yes	6
Missouri	13	Varies July 6-9	Varies Oct. 12-15	Aug. 2		17	4	157	2	yes	4	no	11
Montana	4	April 22	Sept. 23	June 7		28	4	94	2	yes	4	yes	2
Nebraska	6	April 29 for Lincoln & Omaha April 30 for cities 7000-40000 none required under 7,000	Oct. 28 for Lincoln & Omaha Oct. 29 for cities 7000-40000 none required under 7,000	May 10	May 10	Unicameral Legislature 43 members, 2 year term				yes	2	yes	4
Nevada	3	Aug. 6	Oct. 8	Sept. 6		6	4	47	2	no	4	no	1
New Hampshire	4	Varies - Sept. 3 to Sept. 10	Varies - Oct. 29 to Nov. 5	Sept. 13	Mar. 8	24	2	400	2	yes	2	yes	2
New Jersey	16	Mar. 10	Sept. 29	April 19	April 19	none	4	none	2	no	4	yes	14
New Mexico	4	April 10	Oct. 8	May 10		32	4	66	2	yes	2	yes	2
New York	45	1959 Registration entitles vote in 1960 primary		Oct. 15		58	2	150	2	no	4	no	43
North Carolina	14	May 14	Oct. 29	May 28		50	2	120	2	yes	4	yes	12
North Dakota	4	No Statewide Registration		June 28		25	4	113	2	yes	2	yes	2
Ohio	25	Mar. 23	Sept. 28	May 3	May 3	22	2 and 4	139	2	no	4	no	23
Oklahoma	8	June 24	Oct. 28	July 5		22	4	121	2	no	4	yes	6
Oregon	6	April 20	Oct. 8	May 20	May 20	15	4	60	2	no	4	yes	4
Pennsylvania	32	Mar. 7	Sept. 19	April 26	April 26	25	4	210	2	no	4	no	30
Rhode Island	4	July 21	Sept. 9	Sept. 19-Rep. Sept. 28-Dem.		44	2	100	2	yes	2	yes	2
South Carolina	8	May 14	Oct. 8	June 14		23	4	124	2	no	4	yes	6
South Dakota	4	May 23	Oct. 31	June 7	June 7	35	2	75	2	yes	2	yes	2
Tennessee	11	Varies - July 15 to July 25	Varies - Oct. 19 to Oct. 29	Aug. 4		33	2	99	2	no	4	yes	9
Texas	24	No Registration. The Poll Tax receipt is evidence of being qualified to vote.		May 7		16	4	150	2	yes	2	yes	22
Utah	4	Aug. 22	Nov. 2	Sept. 13		14	4	64	2	yes	4	no	2
Vermont	3	Sept. 10	Nov. 5	Sept. 13		30	2	246	2	yes	2	no	1
Virginia	12	June 11	Oct. 8	July 12		none	4	none	2	no	4	yes	10
Washington	9	Aug. 13	Oct. 8	Sept. 13		26	4	99	2	yes	4	no	7
West Virginia	8	April 9	Oct. 8	May 10	May 10	16	4	100	2	yes	4	yes	6
Wisconsin	12	Aug. 31	Oct. 26	Sept. 13	April 5	16	4	100	2	yes	2	no	10
Wyoming	3	Aug. 16	Oct. 24	Aug. 16		14	4	56	2	no	4	yes	1



"YOU HEARD ME, WEAR YOUR BADGE IN THIS AREA" is the caption of this photo which is displayed in the office of Dave Hurley, supervisor of Security Division (8231) at Livermore Laboratory.

**Texas A&M Alumni To Meet April 21**

Alumni of Texas A&M will hold their annual muster Thursday, April 21, at the Kirtland Officer's Club. There will be a social hour starting at 6:30 p.m. followed by dinner at 8.

Col. Carey I. O'Bryan, Jr., Deputy Commander of the Air Force Special Weapons Center, will be guest speaker.

Members of alumni's families, as well as guests, are invited to attend the dinner. For further information contact Pat Propps, AL 5-1608.

**Arctic Submarine Operations Will Be Discussed at Sandia**

"Submarine Operations and Research Under the Arctic Ice Cap" will be discussed by Dr. Waldo Lyon, U.S. Naval Electronics Laboratory, at a Sandia Research Colloquium on Wednesday, April 20.

Tickets are required for this session which begins at 9:30 a.m. in Bldg. 815, Craig C. Hudson (5113), colloquium chairman, reports.

**Trophy Ready for Horseshoe Champs**

A trophy will be awarded to the winning department in the first horseshoes doubles tournament to be held at Livermore Laboratory April 18.

Additional trophies will be awarded to individual players on the first and second teams, it has been announced by Jack Bonetti (8212-2). The tournament will be held during the noon hour at the pits located east of Bldg. 913. Additional facilities for noon-hour use are situated west of Bldg. 916, east of Bldg. 914, south of the east wing of Bldg. 912 and south of the west wing of Bldg. 912.

**Bowlers for Mixed Summer League Are Invited to Meeting**

An organizational meeting for the Coronado Club summer mixed bowling league will be held in the Club dining room on Tuesday, April 26, at 7:30 p.m.

Purpose of the meeting is to determine if there is enough interest for a summer league, elect officers, choose a night for bowling and establish team size.

A sign-up sheet is posted on the bulletin board at the Club's bowling alley, or interested persons may contact Charles Allen (5113), ext. 21255.

**Wendell Nelson Earns Top Spot In Golf Tourney**

Wendell Nelson (4152) made an almost clean sweep in the Sandia Corporation Golf Association's first tournament of the season held in Socorro last Saturday. He was medalist with a 79, won the long drive contest with a 290 yard belt, and placed on the winning two ball, three ball and four ball teams.

Winning the closest to the hole contest was Bob Nelson (4421) who placed his shot 3 feet from the cup on a 185 yard par 3 hole. Second place medalist honors went to Jim Leonard (1247) with an 80, and Gil Lovato (4233), Bernie Clouse (2632) and Ed Brooks, former Sandia employee, tied for third place with 81's.

Best ball four-man team winners with a 74 were Nelson, Maurice Chavez (4132), M. F. Stewart (2641) and Lou Aragon (4171). There was a 3-way tie for the best ball three-man team with a 76. Winners were Nelson, Dr. Frank Zack (3362) and Fernie McEwin (1225); Ed Brooks, Andy Blain (4624) and Don Fjelseth (1621); and Olan Hunsucker (4543), R. G. Bemis (1314) and Jim Bear (1615).

A 75 won the best ball two-man team for Nelson and O. M. Schroll (2555).

A total of 66 employees participated in the tournament.

**Service Awards**

**10 Year Pins**



Frederick Palkovic 4511 April 10, 1950



Benton W. Jolliffe 2542 April 17, 1950



Donald E. Fossum 2752 April 28, 1950

**Five Year Pins**

April 16-29

Allen B. Church 1431, John N. Hansen 4411, Charles J. Mauck 1247, Lorna F. Peterson 3126, Marian B. Schooley 3126, Charles E. Simpson 1611, Olan E. Thomas 1621.

Clifford S. Selvage 1263, Eugene F. Wittek 2715, Jerome J. Donaldson 2441, Clara M. Gearhart 3126, Jane M. McDermott 4135, W. Douglas LaCoss 1413, James R. Winchell 1612.

SHOPPING CENTER ● SHOPPING CENTER ● SHOPPING CENTER ● SHOPPING CENTER ● 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**  
 COMBINATION BOOKCASE AND DESK. Heywood-Wakefield, \$70; Craftsman 18 in. gasoline reel-type power mower, \$35. McKay, AL 5-9779 after 5 p.m., 1013 Dakota SE.  
 HAWAIIAN GUITAR, electric steel, Magnatone w/amp, case, stand, complete, \$75. Metz, AM 8-7989.  
 '58 FORD Fairlane 500, AC, PS, inter-ceptor engine, Cruis-o-matic, TG, 17,000 mi. Preston, AX 9-1948 after 5:30 p.m.  
 BOY'S BICYCLE, 26 in., \$15. Gross, AL 5-7327.  
 AMERICAN ENCY., 20 vol.; 20 vol. Book of Knowledge; 7 vol. Lands and People w/bookcase, 3 annuals; \$125. Dixon, AL 5-0138 after 5 p.m.  
 '41 CHEVROLET sedan delivery, R&H, rebuilt engine, trailer axle w/16 in. wheels, leaf springs. Netz, AX 9-7036.  
 '58 JEEP 4x4 STATION WAGON, hubs and extras, low mileage. Linn, BU 2-3986.  
 BREAKFAST ROOM TABLE, red formica drop-leaf, extends to 72 in. w/6 matching chairs, \$50. Gasser, AL 5-1151.  
 '49 MERCURY, R&H, overdrive, 2-dr., fair tires, \$125. Brumley, AX 9-7264.  
 LAWN MOWER, power, \$25; 3500 CFM cooler w/o motor, \$20; 5 yr. crib, mattress, matching 5-drawer dresser, \$30. Truby, AX 9-0577.  
 FENDER, grill, head light assembly right side, for '51 Merc. Hole, AL 5-5925, 219 Utah NE.  
 '48 UNIVERSAL JEEP, 4-wheel drive, metal top, \$520. Goy, AL 5-0402, 1845 Georgia NE.  
 SHOES, man's black dress Thom McAn, size 10 1/2, B width. Ward, AX 8-0582 after 5 p.m.  
 3 BRM HOME, 1 1/2 baths, LR, DR, den, kitchen, garage, walled, landscaped, \$1500 down to new loan. Pinnell, AL 6-7080, 3312 Cuervo Dr., NE.  
 GARAGE DOOR, Taylor, metal 7x8 w/all hardware. Engle, AM 8-4241.  
 '53 PONTIAC, 2-dr., std. transmission, \$350. Guist, AX 9-9060.  
 SCHWINN BICYCLE, 26 in., 3-speed light-weight, \$15; wood lathe w/stand, 40 in. overall, 37 in. bed, \$20. Blythe, AL 6-0461 after 4 p.m.  
 SPINET PIANO, Cable-Nelson, mahogany finish, \$435; steel woven picket lawn fence, 36 in. high, approx. 160 ft., \$20. Halder, AX 9-5248.  
 '59 CUSHMAN EAGLE. Adkins, AM 8-0275 after 6 p.m.  
 REVOLVER, Smith and Wesson K-22. Moyer, AL 5-3868.  
 CUSHMAN MOTOR SCOOTER, has just been reworked, cheap. Miller, AL 5-6838.  
 '60 TRAILER, Great Lakes, 50x10, all electric except heating, \$90.50 payment; consider trade on 3 brm house, NE. Johnson, AL 6-1424 after 6 p.m.  
 STEAMER TRUNK complete w/hangers, drawers, good for storing clothing, \$10. Lenz, AL 6-7037.  
 REFLEX CAMERA, 35 mm single lens w/F2.8 50 mm lens and 100 mm tel. lens, synchronized for FX flash, \$55. Waldorf, CH 2-8303.

HOUSE TRAILER, 42 ft., 2 brm., consider trade. Windsor, CH 3-8283 after 5 p.m.  
 2 MODERN LAMPS, green and gold, best offer; RCA Victor 17 in. TV, new picture tube, \$60. Smith, AM 8-3578.  
 GAS RANGE, 20 in. Dixie, \$60; double conical TV antenna, most, \$18; Philippine mahogany commode chest, \$18. Abbott, AX 8-2150.  
 '55 CHEVROLET 1/2 ton pick-up; will consider trade. Silva, DI 4-6714.  
 PLYWOOD, 2 sheets 3/4 in. AD, 2 1/2 x 10 ft., \$4.50 each. McGehee, AL 6-3486, 1024 Georgia SE.  
 3 BRM HOME, 1 3/4 baths, den, service room, w/w carpet, AC, patio, landscaped, other extras, convenient location. Harlow, AX 9-1495, 1501 Wyoming NE.  
 SHORTWAVE RECEIVER, 4 band, w/power supply, speaker and earphones; '29 model "A" Ford coupe, Campbell, AX 9-4830.  
 ACCORDIAN, Hohner, 120 bass, 5 treble shifts, 3 bass shifts w/case and 48 lesson course, \$175 or best offer. Sisson, AX 9-4217 after 5:30 p.m.  
 BABY BUGGY, Storkline collapsing type, \$5; playpen w/pad, \$5. Gleicher, DI 4-6028, 4409 Palo Duro NE.  
 BOY'S CAR COAT w/detachable zip-on hood; 2 pairs slacks; sport coat; all size 16. Kraft, AX 9-1278 after 5 p.m.  
 EQUALIZER TRAILER HITCH, last used on '54 Plymouth, \$50 or best offer. Payne, AM 8-3184.  
 DRILL PRESS, Craftsman 150 series bench model, \$85; baby carbed, \$150; want table saw and jointer combination; will trade. Pliner, AL 6-1907.  
 '56 PLYMOUTH Savoy V-8, R&H, Savon tires, \$750; or old truck and \$650. Rhodes, AL 5-6806, 2846 Solano NE.  
 BABY SCALES, \$2; crib, mattress and wardrobe, \$80; apt. size gas range, \$20; 7 cu. ft. refrigerator, \$25. McCutchan, AL 5-7215.  
 '56 MERCEDES BENZ 190 SL, convertible, new Michelin-X tires, Robbins tonneau cover. Pace, AL 5-6467.  
 '59 CUSHMAN MUSTANG, \$375. Chandler, DI 4-6609, 4007 San Andres NE.  
 '60 TRIUMPH TR3, 3000 miles, \$2695. Roth, CH 3-7049.  
 '47 Pontiac straight 8, new plates; sell reasonable or trade. Leeman, DI 4-9812.  
 POWER LAWN MOWER, reel-type, Toro 21 in. Holmes, AM 8-8203.  
 STAUFFER REDUCING COUCH, slightly used, \$160. O'Neill, AL 5-6355.  
 EVAPORATIVE COOLER, 2500 CFM, circulating pump, 4-speeds. Heineman, AL 6-6387 after 6 p.m.  
 DINING ROOM TABLE, French provincial, \$50. Strome, AM 8-2689, 1409 Georgia NE.  
 2 STUDIO DAVENOS, \$20 ea.; 3 upholstered chairs; 1 sectional davenport, \$45. Gragg, AX 9-0311.  
 3 BRM HOME, 1 1/2 baths, pitched roof, \$600 down to new FHA, \$12,600 total. Young, AX 9-3102, 2716 Espanola NE.  
 NEW UMBRELLA TENT, size 10 x 12; will consider trade. Sanchez, 1809 Marble NW.  
 PORTABLE TV, new warranty, Safari transistor, battery, AC, built-in re-charger, operates in car or trailer, retails \$250, sell \$125. Mitcham, AX 9-8425.  
 '49 INTERNATIONAL PICK-UP, 4-speed, six ply tires, camper, heater, trailer hitch, other extras, \$275. Stuart, AX 9-9190.  
 CARTRIDGE AND CARTRIDGE CASE collection, 70 piece, good start for new collector, \$4. Taylor, AL 6-3774.  
 3 BRM HOME, 1 bath, AC, wash rough-in, 220V, \$2500 down or terms. Hunter, AL 5-8903 after 5 p.m., 628 Alvarado SE.  
 BC-312 RECEIVER w/110 volt power supply, band coverage 1.5 to 14 M.C., \$32.50. Welker, AX 9-1179, 8510 Flower Pl. NE.  
 GIRL'S BICYCLE, 24 in., \$7. Buettel, CH 2-1920.

**NEXT DEADLINE**  
 FOR SHOPPING CENTER ADS  
 Friday Noon, April 22

AIR CONDITIONER, Philco 3/4 ton refrigerated; Wobcor record player on vinyl records; blond maple dinette set; vibrator lounge. Crocker, AM 8-4905.  
 3 BRM HOME, 2400 sq. ft., den plus 2 acres of land, 2 yrs. old, Route 1, Box 153-E Belen. Sanchez, ext. 36232 or Belen 4-8878.  
 TRAILER, sleeps 5, opens to 8 x 13 ft., canvas top, 4 air mattresses, 1960 top, similar to Kwik-Kamp, \$250. Hopkins, AL 5-8902.  
 MALE BOXER puppy, AKC registered, 8 wks. old, champion sired. Edens, AL 6-7653.  
 COLLIE PUPS, one male, one female; black, sable and white, AKC registered. 5 weeks old Easter Sunday. Platt, AX 9-0196.  
 TENT, 9' x 9', clean and sound, easy to erect, \$25. Sherwin, AL 5-8866.  
 GOLF CLUBS, Kroydon, Tommy Bolt set of 9 irons and 4 woods, never used, priced to sell. Ruff, ext. 48190.  
 ROTARY MOWER, Briggs and Stratton engine, used 2 mos.; trade for 8 mm movie projector or slide. Gioninni, CH 3-5197.  
 HAND POWERED LAWN MOWER, \$5. Kubiak, AL 6-1513.  
 '53 INTERNATIONAL P. U. and bed, new tires. Kurtley, AL 6-0637 after 5:30 p.m.  
 QUARTER HORSE. Liston, BU 2-3283.  
 '41 CADILLAC 62 convertible, std. trans., complete for restoration; '41 Cadillac convertible for spare parts; \$250 takes both. Floyd, AL 6-4898.  
 '56 PONTIAC station wagon, hydramatic, R&H. Wing, AL 6-9575.  
 PING PONG TABLE, folding, 3/4 in. plywood top, Wilson equipment, \$35; deep fryer, \$5. Biling, AX 9-1346, 1025 Lester NE.  
 REFRIGERATOR, 10 cu. ft.; platform rocker; bicycle, girl's 24 in.; work bench, large and sturdy. Ault, AX 9-2054.  
 CIRCUIT BREAKER BOX, 16 breakers, \$25; '47 Chevrolet convertible coupe, \$75. Weidman, CH 2-5006, 2722 Santa Monica SE.  
 CHILDREN'S SWING and trapeze set w/see-saw, \$12; boy's bicycle, \$15; blond rock maple dining room table w/six chairs, \$60. Summer, AX 9-1912.  
 SIAMESE SEAL Point kittens, good bloodlines. Fox, AX 9-9332.  
 '48 FORD coupe, V-8, R&H. Lewis, 2025 La Veta NE.  
 ENCYCLOPEDIA AMERICANA, 30 volumes, 1958 annual, science books, and blond book case, \$150. Martinez, AX 8-0886, 337 Espejo NE.  
 AUTOMATIC WASHER, Kenmore 10 lb., \$50. Westman, AL 5-6048.  
 VIOLIN, full size, w/case and bow, \$75; bolt action 22 rifle w/scope, \$15. Tufts, AL 5-9663.  
 SCANDALLI ACCORDION, 120 bass, w/carrying case, some lesson books and music, \$100. Anderson, AL 6-4728.  
 WEBLEY REVOLVER, .45 ACP, 6 in. barrel, \$18.50; .45 ACP reloads, \$2.50 per box. Donaldson, BU 2-3175.  
 IRONRITE IRONER, reasonable. Mullenburg, AX 8-1081.  
 CHILD'S TRACTOR, chain drive, \$5. Murray, DI 4-5289.  
 3 BRM HOME, new, dining, ceramic bath, patio, view of valley and mountains \$13,000, 1612 Vassar SE, Rice, AX 8-2492.  
 GAS RANGE, 30 in., \$60; antique satin champagne drapes, 84 x 48 in. and 84 x 96 in., \$20. Coon, AX 8-0845.  
 DOUBLE BED, foam rubber mattress, box spring, \$50; chest, cherry wood, 3 drawers, \$25; metal kitchen cart, \$5. Fisher, AL 6-2569.  
 '58 FORD ranch wagon, 4-dr., 6-cyl., overdrive, 28,000 mi. Fife, BU 2-3214.  
 '54 WILLYS 2-dr., sell or trade for '54 to '56 Plymouth. Muehlenweg, AM 8-0316, 1312 Espanola NE.  
 REVERBER, NC 60 Special, National, all band, short wave, \$40 or best offer. Simpson, AX 9-2266.

STEREO EQUIPMENT, AR-2 speaker, \$59.95; 2 electro voice 12 in. speakers, \$18 ea.; dual 25 watt stereo amplifier, \$75. Browning, AX 9-6384 after 5 p.m.  
**BARBECUER** w/adjustable grill, 10 lbs. of charcoal and lighter fluid, \$7; hand lawn mower, \$5. Longfellow, AL 5-0675.  
**LOST AND FOUND**  
 LOST: Ladies clear frame glasses w/metallic top; paperback book "How to Stop Smoking;" men's leather gloves; blue enamel National Rifle Assn. pen that fits holder; 4 keys in brown snap case; Masonic coin w/name C. F. Hiner; safety prescription glasses; lightweight sun glasses. Lost and Found, ext. 26149.  
 FOUND: Bolo tie; black bead rosary; gold earring; ladies tan glove. Lost and Found, ext. 26149.  
 ACCUMULATED FOUND: Grey plastic frame glasses in Lee Optical case; 32nd degree Masonic pin; ladies amber plastic frame glasses; prescription tinted sunglasses w/plastic frames; 1960 Overbrook high school ring; ladies or child's glasses. Lost and Found, ext. 26149.  
**WANTED**  
 CHILD CARE in my home, NE Heights area. Peterson, AX 9-2641.  
 TO RENT camping trailer for August 4-19. Pritchard, AL 5-6949.  
 TO TRADE complete CW ham station console for commercial mobile rig or good press type camera, enlarger and accessories. Poore, AM 8-2036.  
 CHILD CARE in my home, on child not over 5 years. Nelson, AL 5-2364.  
 TRAINING WHEELS for 2-wheel bicycle, Baxter, DI 4-7601.  
 HOMES FOR KITTENS, old enough to leave home but exceptionally under-sized; need gentle care. Tatum, CH 2-9021.  
 TO RENT CAMPING TRAILER, Aug. 4-20, trip to Calif., will provide insurance. Pritchard, AL 5-6949, 1024 Jackson SE.  
 CHILD CARE in my home, registered nurse. Davis, AX 9-3384.  
 OLD HUNTING KNIVES in any condition, will pay cash. Smitha, AX 9-1096, 8607 Menaul Blvd. NE.  
 TO TRADE 2 bedroom home w/corner lot in N. Valley for small farm or house in South Valley. Haley, DI 4-3919.  
**FOR RENT**  
 2 BRM DUPLEX apt., unfurnished except for drapes, ample storage and parking, 3518 Crest SE (at Carlisle). Hole, AL 5-5925.  
 2 BRM, den, completely furnished, washer-dryer, home freezer, babies welcome, \$150 monthly, utilities paid, 1504 Alvarado NE, available April 15. Daniel, AM 8-4898.  
 2 BRM APARTMENT, unfurnished, \$87.50; 2 bedroom furnished apartment, \$95; stove, refrigerator, laundry facilities furnished. Bard, CH 2-5026.  
 SMALL FURNISHED APARTMENT, newly redecorated, close to bus and shopping. Randall, DI 4-8976.  
 2 BRM HOME w/refrigerator and stove, utilities not paid, immediate occupancy, 526 Dartmouth Pl. SE, \$85 mo. Jones, AL 5-3390 after 5:30 p.m.  
 1 BRM APARTMENT, stove and refrig., water and garbage paid, close to buses, \$70. Priest, AM 8-1096 after 6:30 p.m., 3544 Eastern SE.  
**FOR SALE AT LIVERMORE**  
 '58 RENAULT DAUPHINE, R&H, \$1050. Rothe, OL 6-0549.  
 MEMBERSHIPS in Stoneybrook Park, Niles Canyon; swimming, fishing, picnic facilities, clubhouse, over 90 acres of woods and trails. Converse, HI 7-5356.  
 PATIO UPRIGHTS, two 2 in. pipes, 10 x 10 x 1/4 in. bases, braces to support 3 in. timbers, cost \$20 ea., make offer. Hinrichsen, VI 6-2251.  
**FOR SALE AT LIVERMORE**  
 BABY SITTER during school vacation, 5 day week, 8:45 to 4:45 Hetherton, HI 7-0687.



**PROOF** of Evelyn Ricard's bowling ability is shown by this collection of trophies she has won in city and state keglers meets.

And three more to come . . .

## 36 Trophies Attest Quality Of Evelyn Ricard's Bowling

If Evelyn Ricard (5241) modestly mentions she has "a few" bowling trophies at home, don't believe her! At current count 36 trophies cover the top of a bookshelf and three more will be added the end of April.

During the winter months Evelyn bowls twice a week and spends many more evenings and weekends on the affairs of the New Mexico Woman's Bowling Association. After the annual state tournament in the spring Evelyn packs away the association's statistics and her bowling ball and shoes and spends the summer months gardening.

This combination of activities apparently works because last month Evelyn registered a 1686 to take the All Events Division in the 10th Annual Albuquerque Woman's Bowling Tournament for the second straight year and was a member of the team which won both scratch and handicap team honors. Another member of this team, and Evelyn's frequent doubles partner, was Mary Scalzitti, wife of Nick Scalzitti (4514).

As secretary of the state association for the sixth year, her job is to run the annual tournament, which this year attracted some 1200 women when it was held March and April week-ends in Roswell. She also helps cities and

towns organize sanctioned leagues. There are now 21 New Mexico communities in the state association and individual membership has grown from 1000 six years ago to 7000 women now.

Evelyn actually took up bowling 20 years ago when, as a recreation director in Huntington, W. Va., a group of women employees asked for help in starting a league.

The second year she bowled a 284, which was high game for many years in Huntington. To prove it wasn't mere chance, Evelyn rolled a 274 the following week.

Through the years Evelyn has shown the abilities that mark a natural athlete. In college she was tennis champion for three years and a fine golfer. During World War II while serving as a WAC for two years in Italy she played professional ping pong during off duty hours.

After the war she was a bowling instructor in Cleveland for several years and participated in exhibition matches on TV.

Since coming to New Mexico she won the state all events trophy in 1952, the state's doubles (with Mary Scalzitti) in 1952, 1953 and 1959, was a member of three winning teams, last year held the high state average of 183, and four years ago made a clean sweep of the Albuquerque tourney.

When asked what advice she could give to the beginning or average bowler, Evelyn said, "Don't become easily discouraged. Concentrate on the game and practice. Most of all listen to and follow the advice of one good bowler."

### R. C. Sadler Reads Technical Paper to OSU Symposium

R. C. Sadler (1432-4) will present a technical paper before the Eighth National Relay Symposium on Electromagnetic Relays to be held May 3-5 at Oklahoma State University, Stillwater.

His paper is entitled "Transient Relay Characteristics: Their Contribution to Improved Relay Design and Use."



**AN IMPRESSIVE ARRAY** of fine food greets those who attend the monthly buffet dinner-dances at the Coronado Club. The next one is scheduled for Sat., April 23. Buffet dinner 6-8 p.m., entertain-

ment 8:30-9, and dancing to the music of the M.B.C. Trio, 9-1. Members \$2.60, guests \$3.60. Chef Rudy Adams stands at right with his staff of cooks and waitresses ready to serve dinner.



**CAKE AND COFFEE** marked the 100th meeting of the X-Unit Steering Committee. (L to R) Chairman R. L. Spaulding (LASL), with mace-type gavel presented him by members during the occasion, D. M. Olson (1262), and John McQueen (LASL), secretary.

## Sandia-Los Alamos Committee Holds One Hundredth Meeting Here April 6

A milestone was passed April 6 when the X-Unit Steering Committee, comprised of Sandia Corporation and Los Alamos Scientific Laboratory representatives, held its 100th meeting.

The committee was set up in 1950 to coordinate activities on weapon designs and applications between the laboratories.

The monthly meetings are alternated between Sandia Laboratory and LASL with two meetings a year held at Sandia's Livermore Laboratory, with attendance by representatives of Lawrence Radiation Laboratory.

Official representatives are customarily designated by the heads of the laboratories and have varied in number through the years.

R. L. Spaulding (LASL) has served as chairman since the committee's organization.

### Livermore Mixed Volleyball Team Wins First Game

The Speedsters, mixed volleyball team from Livermore Laboratory, defeated the General Electric team in the opening league game of the season.

In their next game April 25 the Speedsters will meet the Livermore teachers. The schedule calls for games with the Misfits May 2, the Jesters May 9, the Rec Players May 16, the Rads May 23 and the Galloping Gales June 6.

All games are played at the Livermore high school gymnasium on Monday nights at either 7:15 or 8:30 p.m.

Playing with the Speedsters are Warren Hauff and Bob Clement (8114-1), Barbara Reitz (8233-2), Jim Trantham (8114-3), Richard Finn and Gene Kenderdine (8114-2), Ron Puckett (8114-3) and his wife, Sue.

### Sandia Chess Fans on Winning Team in Match With Los Alamos Players

The City of Albuquerque-Y. M. C. A. Chess Club defeated the Los Alamos Chess Club at La Posada in Santa Fe on March 27.

There were 26 men playing on 13 boards competing in this annual intercity chess match. Albuquerque won by a score of 13½ to 12½, coming from behind to take the last three games.

Sandians who participated in the tournament were Harvey Ivy (5241-3), Warren Miller (5241-3) and Max Miller (4514-2).

## Coronado Club Dinner-Dance Planned April 23

Coronado Club's most popular event, the monthly buffet dinner-dance, will be held Saturday, April 23, from 9 p.m. to 1 a.m. Evening's activities include the buffet from 6 to 8, entertainment at 8:30 and dancing starting at 9. The M.B.C. Trio will provide music for dancing.

Tickets are priced at \$2.60 for members and \$3.60 for guests. Reservations should be made by April 20 at the Club office.

A free Easter party for children will be held on Sunday, April 17, starting at 2 p.m. Color cartoons will be shown, and the kiddies will receive Easter baskets.

On Sunday, April 24, the Family Nite movie will be "Night Passage." Showtime is 6 p.m. and free popcorn and cokes will be served.

A free recorded music dance is scheduled for Saturday, April 16, from 9 p.m. to 1 a.m. Tickets for the Teen Dance on Friday, April 15, should be picked up by parents at the Club office.

## Olav Nerhus to Retire from Sandia End of Month

Olav Nerhus, an employee at Sandia Laboratory since September 1949, will retire April 30.

Mr. Nerhus is a mechanical engineer and worked in Auxiliaries Engineering Department until the past year transferred to Design Definition Division B, 4412.

He and his wife intend to headquarter at 930 Quincy NE but much of their time will be spent visiting their children; a son in Chicago and daughters in Denver and Rockford, Ill., and their seven grandchildren.

In recent months Mr. Nerhus has renewed interest in his hobby of oil painting and he plans to spend much of his time painting landscapes and, when possible, marine scenes.

### New Home Owners

Mr. and Mrs. C. E. Bates (1431) recently bought a home at 2925 Madeira Dr. NE.

## Gladys L. Didero To Retire April 30

Gladys L. Didero will retire from Sandia Corporation at the end of April after working almost seven years as an ozalid operator in the Photo and Reproduction Division 3462.

Miss Didero, who came to Albuquerque from Colorado 14 years ago, plans to remain here at 9414 Cordova NE.

Although future plans are indefinite, she is going to spend a lot of time cultivating her "green thumb" ability in her flower gardens.

## Sandia's Safety Record

**Sandia Laboratory HAS WORKED 9,735,000 MAN HOURS OR 271 DAYS WITHOUT A DISABLING INJURY**

**Livermore Laboratory HAS WORKED 2,990,000 MAN HOURS OR 1,517 DAYS WITHOUT A DISABLING INJURY**