



# Give Once Fund Distribution Set

Preparations are continuing for the third annual "Give Once and For All" drive opening at Sandia Laboratory next Friday, Oct. 9. Allocation of funds to the participating agencies has been announced for 1960 by the Sandia Corporation Employees Contribution Plan committee.

The SCECP Committee, headed by D. S. Tarbox (4540), has established a percentage allocation for the funds based on the past ability of the participating agencies to raise money in the community. The percentages are changed only slightly from last year.

Division of funds to be raised in the coming SCECP campaign is:

United Fund (24 agencies)	73.0%
Heart Association	5.2%

Cancer Society	7.6%
Muscular Dystrophy	1.4%
Multiple Sclerosis	1.0%
Arthritis & Rheumatism	1.7%
Cerebral Palsy	3.0%
Crippled Children	4.6%
Retarded Children	1.5%
Reserve Fund	1.0%

Contributions for the current contribution year will run through November. Projecting the average monthly amounts, the committee estimates that Sandia Corporation employees will have contributed a total of \$111,900 by the end of the year.

United Fund (24 agencies)	\$85,075.77
Heart Association	4,997.54
Cancer Society	8,502.19
Muscular Dystrophy	1,458.39
Multiple Sclerosis	1,107.71

Arthritis & Rheumatism	1,452.39
Cerebral Palsy	3,562.19
Crippled Children	4,574.32
Retarded Children	1,155.71

A reserve fund of one per cent for emergencies is included in the original apportionment. If unused at the end of the year it is apportioned among the agencies.

Volunteer solicitors will begin Friday, Oct. 9, to contact individually the 2500 Sandians who do not now participate in the SCECP by payroll deduction. The drive will continue through Monday and close Tuesday. Those employees who already have payroll deductions going to the plan will receive a letter giving them the opportunity to increase or change their

(Continued on Page 6)

## Contract Let For Construction at Tonopah Range

Lemke Construction Co., Inc., of Las Vegas, Nev., is the contractor for construction of new Tonopah Ballistics Range facilities. Operated by Sandia Corporation, the range will be expanded with construction of a huge "X" shaped concrete target pad, 21 camera and instrument stations, a metal range maintenance building and additional roads.

Cost of the construction will be \$767,700, according to the contractor's bid figure announced by the Atomic Energy Commission which awarded the contract.

Each leg of the concrete target pad will be 750 ft. long and 220 ft. wide. The legs of the "X" will be oriented along the two flight approaches. Among the support facilities to be constructed are included a balloon inflation building and signal termination building, CZR-1 stations, four high speed Mitchell stations, two 70mm photosonic installations, three RO-1000 stations and eight Contraves camera stations.

Facilities will be used for photographic coverage of both flight lines during drop tests as well as for photographing rocket launchings and flights.

Plans for the Tonopah construction were announced last April by the AEC. Work is to be completed within 140 days after the contractor receives notice to proceed.

Symbolizing the need of the underprivileged everywhere, this United Fund poster also shows a generous helping hand. The Sandia ECP drive starting next week offers an easy and efficient method for you to help others.



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

VOL. 11, NO. 20

ALBUQUERQUE, NEW MEXICO

OCTOBER 2, 1959



OPENING DAY at the New Mexico State Fair Mobot are part of the 16,000 people who visited the found crowds attracted to the Sandia "Sphere of Science" exhibit. Shown above watching Sandy Sandia Corporation exhibit for weekend total of 39,500.

## Southwestern Tech Writers to Meet Oct. 30-31

The first Southwestern Regional convention of the Society of Technical Writers and Editors will be held in Albuquerque, Oct. 30-31.

Bill Puder (2631) is chairman of the steering committee for the Albuquerque chapter. Other Sandians serving on this committee are Don Emrick (5322), Margaret Platt (4112), Howard Sieberman (5323), George Roberts (4422), Arlin Pepmueller (3442), Don Rauber (3423) and Myrtle Patterson (5321).

R. S. Claassen (5150) will speak at the Friday luncheon, Oct. 30, on "New Frontiers for Technical Information." Participating in a panel discussion Friday morning will be G. J. Hurley (5323), A. B. Machen (5300) and G. C. Holloway (5320). Mr. Hurley will be moderator of the panel discussing "Does the Military Manual Communicate?"

## Fire Teams Ready for Action In 60 Sandia Lab Buildings

Fire prevention at Sandia Corporation, Harry Pastorius says, not only means taking every precaution to prevent fires but also knowing what to do in case fire does break out.

As supervisor of Inspection, Administrative and Scheduling Division 4542 in the Plant Engineering organization, Harry is responsible for the fire prevention program at Sandia Laboratory.

First line of defense in being ready for fire is Sandia's fire teams operating in 60 buildings of the laboratory. Each building has at least one fire team and larger buildings have more.

The teams are trained to go into action as soon as the fire alarm sounds in their area.

### Led by Captains

Organized under a fire captain, teams usually include an assistant fire captain, lieutenant of the fire extinguisher squad, assistant lieutenant, members of the squad and fire evacuation lieutenant and squad.

Each member of the team has assigned responsibilities in their areas. One man would report the fire to the Sandia Base Fire Department. Others of the team would spread the alarm in areas of the building where the building fire alarm may not have been sounded. Still others would shut down machinery, close doors, windows and man fire extinguishers. Part of the team would direct building evacuation.

Conceivably a fire discovered promptly could be under control by the fire team before the arrival of the fire trucks.

### Are Prepared

"Preparedness is the key word here," Harry says. "Periodic drills give the fire teams practice in their duties, training sessions insure that all members are familiar with fire fighting equipment located in buildings, and their constant alertness to fire hazards in the building prevents fires from starting."

Some 960 employees are members of the fire teams at Sandia.

Division 4542 is responsible for the fire team organization, training and conducting drills.

"Since next week is Fire Prevention Week at Sandia," Harry says, "it is appropriate that we recognize the important work that these teams perform."

### D. W. Ballard Speaks To AOA at China Lake

D. W. Ballard (2541) spoke at a meeting of the China Lake Chapter of the American Ordnance Association yesterday in California. Title of the talk was "A First Production Evaluation System for Atomic Ordnance."

Mr. Ballard previously presented the paper at a joint meeting of the Los Angeles chapters of the American Society for Quality Control and Society for Nondestructive Testing.

The paper has been published at Sandia Corporation as SCR-6.



FIRE EXTINGUISHER TRAINING for the Bldg. 825 fire team is conducted by Reuben Barwick (4112), left, building fire captain. Above from left are Reuben, Wendell Smith (4112), Walt Smith (fire prevention staff of Division 4542), Bob Gevirtzman (4113), and Fred Johnson (4112). Fire Prevention Week begins Oct. 4.



## A Most Important Election

If the experience of the past is any indication, when the Oct. 6 municipal election in Albuquerque comes around, more than 70 per cent of the eligible voters will stay away from the polls.

Then again, maybe the local electorate will turn out in larger numbers for this election is of great significance to them.

Albuquerque voters will:

- Elect two city commissioners
- Vote on a \$21 million bond issue for parks, fire department, streets, water and sewers
- Elect two city judges
- Vote on a \$3.9 million bond issue for a city-county building
- Approve or disapprove a city-county government merger
- Elect five directors for Sandia Conservancy (flood control) district

Last city election, 16,000 of the 60,000 eligible voters appeared at the polls, according to the City Clerk's office. This 26 per cent voting record is even poorer than the record of the so-called "off-year" elections when usually somewhat less than 40 per cent of the eligible voters exercise their ballot rights.

To make the picture even more bleak it has been the experience of the past that only about one-half to two-thirds of the voters who go to the polls express themselves on proposals affecting government services and the citizens pocketbook.

This election is meaningful to every resident of Albuquerque and Bernalillo County. We suggest that you carefully study the candidates' qualifications and platforms, provisions of the bond issues and the merger proposal.

Then, be sure to vote.

### 8220 Picnic

Division 8220 will hold a family picnic Oct. 3 at the Alameda County Fairgrounds. The committee planning the picnic includes Chairman Bud Pearson (8222-2), Johnny Rogers (8225-2), Kenneth Bennett (8225-1), Marie Hayden (8224-1), and Herman Reis (8223-1).

For further details call Bud at Livermore, ext. 2562.

### Get Well Wishes

A speedy recovery is wished to Edith Irwin (2722), who is convalescing at home from a recent operation.

Friends of Lawrence Sedore (4221-1) and Casper Doty (4224-4) want them to know they are being thought of. Both have been out on extended illnesses.

### Welcome Back

Division 2722 is glad to see Arnold Dulz and Joe Armijo back after lengthy illnesses and Chester Guz back after recent surgery.

Sylvia Weinberg (5125) has returned to work after a lengthy illness.

Ralph Ridenour (4424-2) returned to work recently after recovery from major surgery.

### Golfer Places

John Olson (4424-2) competed in the State Golf Tournament at Hobbs, N. M., and placed second in the Senior Division. He also has been invited to play in the National Amateur Senior Golf Tournament, to be played at Palm Springs, Calif., in December.



Gloria Jean Peebles (2622)

### Take a Memo, Please

Proper caution never requires too much time. A minute of your time to observe safety rules or to bypass a possible hazard is a cheap price to pay for continued ability to work.

## Weddings and Engagements

Maryann Lenning (8224-2) and Anthony Vincent were married at St. Mary's of the Mountains



Mr. and Mrs. Vincent

Church, Virginia City, Nev., on Aug. 15.

After the ceremony the couple left for a two week honeymoon in Nevada and Southern California. They are making their home at 4250 First Street, Pleasanton.

Maryann has been with Livermore Laboratory since December 1958.

The engagement of Ferne Saylor (8161-2) was announced at a dinner party at San Francisco's



Ferne Saylor

Fairmont Hotel Sept. 19. She will marry Bryan L. White of San Rafael on Jan. 16. They plan to honeymoon in Hawaii.

Ferne joined Sandia six years ago at Albuquerque. She transferred to Livermore Laboratory in December 1957.

Best wishes are extended to Dottie Fishburn (2732-1) who was married Sept. 18 to Joseph Dunn in Albuquerque.

### Junior Marksman

Frank Dain's (4211) 13-year-old son broke four national records last month when he competed in the state-wide National Rifle Association meet on Sandia Base. He and other youngsters of Sandia Corporation employees participated as members of the Sandia Base Junior Gun Club.

## Family Flying Has Its Moments That Stretch Into Days

You can't blame Dick Dillon's (5122) wife if she seems unenthusiastic about week-end flying trips in the family airplane. The last such trip lasted six days.

Dick, his wife and children, ages 5 and 7, were flying to Denver when smoke started pouring from the propeller bearings. They made an emergency landing in Colorado Springs, but there were no facilities there to repair the damaged part. Dick called friends in Denver for transportation.

The Dillon family and the propeller parts were loaded into a friend's Volkswagen for the trip to Denver. Mechanics in Denver repaired and assembled the propeller, but then it wouldn't fit into the VW. The bus company would not handle the bulky object, so Dick ended up renting a larger car for the return to Colorado Springs.

En route to Albuquerque they encountered bad weather in Pueblo and had to stop there overnight.

### New Homes

Mr. and Mrs. Robert Tuffnell (4153) and their son have moved into a new home at 304 Espejo NE.

William Sanchez (2711-2) is well settled in his new home at 305 Espejo NE.

Two other families with new homes are Mr. and Mrs. Martin E. Robinson (1261-2) at 320 Espejo NE and Mr. and Mrs. R. L. White (1263-3) at 3925 Hermosa Dr. NE.

Emily Young (5126) has moved into a new home at 905 Adams SE.

Mr. and Mrs. J. B. Sweatman (4234-4) are proud new home owners at 300 Espejo NE.

## Columnist Speaks to Sanado Club Members

The Sanado Club will hold its monthly meeting Tuesday at 2 p.m. at the Coronado Club with Howard Bryant, columnist for the Albuquerque Tribune, as featured speaker.

Reservations for the luncheon meeting must be made today with Mrs. Douglas W. Ballard, 2339 Inez Dr. NE.

General chairman for decorations is Mrs. R. R. Preston.

## Congratulations

### Born to:

Mr. and Mrs. William C. Riggins (1414) a daughter, Kristina Kim, on Sept. 8.

Mr. and Mrs. Gerald I. Miles (4112) a son, Jay Alan, on Sept. 16.

Mr. and Mrs. Fred Johnson (4112) a daughter, Carla Jeanne, on Aug. 12.

Mr. and Mrs. Bernard Stiefeld (2542-1) a daughter, Abbey Maxine, on Sept. 11.

Mr. and Mrs. James Pennington (3462-1) a son, James L. Jr., on Aug. 31. Barbara formerly worked in 3461.

Mr. and Mrs. Ralph Olson (5141) a son, Paul Stephan, on Sept. 23.

Mr. and Mrs. Orton Benson (4152) a son, Craig Steven, on Sept. 21.

Mr. and Mrs. Kenneth T. Riddle (8224-2) a son, Steven Troy, on Sept. 20.

Mr. and Mrs. Lenor Morrison (4231-2) a daughter, Sandra Dean, on Sept. 5.

Mr. and Mrs. Benny Montoya (4231-1) a daughter, Elaine Marie, on Sept. 10.

Mr. and Mrs. James Grier (2221) a son, James Daniel, on Sept. 24.

## Sympathy

To Jim Peden (2552-5) for the death of his father recently in Scotland.

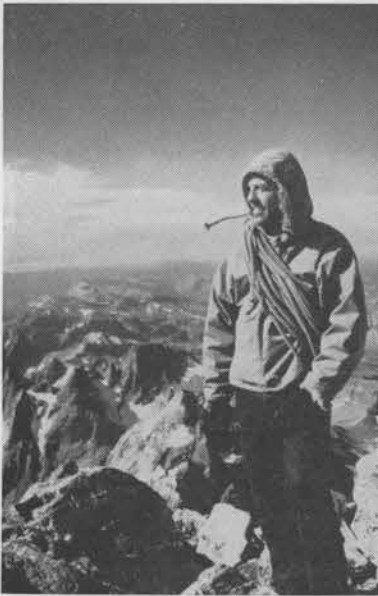
To Jack Hughes (5112) for the death of his daughter, Patsy, in Albuquerque Sept. 23.

To Dave Bushmire (2544) for the death of his baby daughter in Albuquerque on Sept. 19.

To George Dawson (8223-1) for the death of his wife Christine recently.



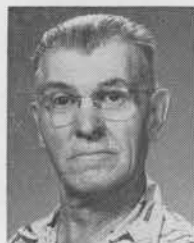
TEACH THEM TO HUNT young, is Herb Jewett's motto. Daughter Sandy, 14, shot and field-dressed a 100 lb. buck antelope recently. Herb had to settle for a 55 lb. doe himself.



MAGNIFICENT VIEW of Grand Tetons National Park in Wyoming is enjoyed by Sto Bell (5122) from a rare vantage point—the top of Grand Teton Peak more than 13,000 ft. high. Sto reached the top on the second day of the climb with a party of four climbers and guide.

## R. W. Snyder Retires After Five Years With Sandia Corporation

Raymond W. Snyder (4574) retired last week after more than five years with Sandia Corporation.



R. W. Snyder

Mr. Snyder had worked as a night shift janitor until July when he became ill. After his health improves he and his wife hope to visit their former home in Indiana. "In fact, we might decide to move back there," Mr. Snyder said.

Later he also intends to continue his lifetime hobby of woodworking.

The Snyders live at 559 59th St. NW.

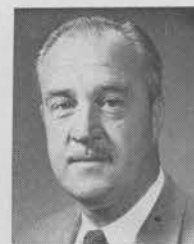
### Home Accidents

The red carpet went out to Anita Poteet upon her recent return to work in division 4542 after an injury she suffered at home.

A home accident hospitalized Gloria Baca (3423-1) on Sept. 19. Gloria slipped on a throw rug in her home in Belen and fell, hitting her head on a sink. She sustained a concussion and a cut which required stitches. Fellow employees wish her a speedy recovery.

## W. F. Sefcik Observes 30 Years Service With Bell System on Sept. 30

William F. Sefcik observed his 30th anniversary with the Bell System on Sept. 30.



W. F. Sefcik

He came to Sandia Laboratory two years ago from Bell Telephone Laboratories in New York. A senior draftsman, Mr. Sefcik checks drawings in Drafting Section 4413-4. He

has been a checker since 1950.

He started as a messenger with Bell Telephone in 1929 in New York, then was a clerk, and from 1938-41 he was a technician assistant in the Transmission Development Department.

In 1941 he became a draftsman and worked in the Drafting Department until he was transferred to Sandia in 1957. During World War II he worked on radar designs.

Mr. Sefcik attended a mechanics institute in New York from 1931-32 and again from 1939-41.

## Welcome Newcomers

Sept. 14-25

Albuquerque	
Iva E. Adkins	3466
Marjorie I. Beams	2711
Stephen Burke	3462
Mary L. Collins	2242
Marjorie A. Dupre	3126
Elizabeth C. Edens	1421
Jacquelyn J. Edgemon	3126
Julio Garcia	3466
Oracio Garcia	4574
Josephine M. Gibbons	3461
Florence D. Hall	3461
Sherry J. Heil	3126
Joyce M. Hughes	3126
Barbara Humphreys	4132
Helen S. Ingram	4582
Betty L. Jeffers	3421
Nancy J. Jenkins	3461
Clady Lacher	3452
Nancy Pugh	4333
Bernard R. Reicks	4413
Barbara M. Shaver	3151
Sue C. Toney	3126
Bernice P. Vigil	3126
Mary D. Walker	3452
Charlotte M. Wickham	3126
Catherine H. Willie	3126
G. Milton Wing	5120
Betty H. Wolf	2226

California	
William J. Brown, Livermore	8232-1
Dolores Mascarenas, Hayward	8212-3
Frank J. Milatzo, Livermore	8225-2
Jeanne V. Thomas, Livermore	8212-3
Phyllis Bell, Livermore	8212-3
Arlyn Blackwell, Berkeley	8116-1
Rita Brannon, Fremont	8212-3

Illinois	
Robert L. Dineen, Urbana	1282
James F. Hudson, Jr., Quincy	5150
Sanford S. Markowitz, Chicago	1522

Texas	
Jack R. Wittek, Fort Worth	8122-2

### Returned from Leave

Robert E. Craven, Albuquerque	4413
Eleanor E. Smith, Albuquerque	3126
Joan L. Nielsen, Castro Valley, Calif.	8224-2



The Sandia Lab News is an official publication of the Sandia Corporation, Albuquerque, N. M. Office Bldg. 629, Public Relations Division Editor: Robert S. Gillespie Staff

Donald E. Graham, Cherry L. Burns, June Leonard William A. Jenkins, Livermore Laboratory, Livermore, Calif.



Telephone Sandia Base Alpine 6-4411 Ext. 25253, 26135



Deadline Friday noon of week prior to publication



Member Association of Nuclear Editors, Border Council of Industrial Editors, and affiliated with International Council of Industrial Editors.

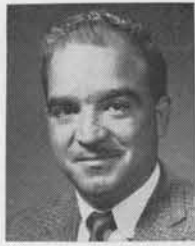


RONALD D. SNIDOW to supervisor of Scientific Glass Shop Section 4224-5, Specialties Division B.

Ronald has been with Sandia Corporation since last February as a glass blower technician.

He came here from Phillips Petroleum in Bartlesville, Okla., where he had been in the chemical research organization for seven and a half years. Shortly after going to work for Phillips Ronald joined their glass blowing unit and developed his technical knowledge and skill on-the-job.

He attended Oklahoma State University and received a technical certificate in diesels.



FLOYD A. STAKE to supervisor of Design Definition Section B IV, 4412-4.

A Corporation employee for six years, Floyd has worked in the drafting organization the entire time.

Previously he worked for two years at Massey-Harris in Racine, Wis., in design of a 155mm self-propelled howitzer. For five years he was a senior draftsman for Wood Conversion Company, Cloquet, Minn., and he was a design engineer for three and a half years at Curtiss-Wright in Columbus, O., and Buffalo, N. Y.

During World War II Floyd served two years in the Navy.

He has a technical diploma in aeronautical engineering from Cal-Aero Tech Institute in Glendale, Calif.



PAUL C. HOUSE to supervisor of Technical Illustration Section 3463-2, Technical Art Division.

Paul has been a technical illustrator since he came to Sandia in September 1948.

Previously he attended the University of New Mexico where he received a BA degree in Fine Arts.

During World War II Paul served six years in the Marine Corps, part of the time with an amphibious tank unit in the South Pacific. He was recalled into the Marines during the Korean conflict and served two years while on military leave from Sandia Corporation.



THEODORE P. KREIN to supervisor of Section 1284-1, Auxiliaries Development Division.

Ted has worked in various phases of engineering design in organization 1200 during most of his seven years with Sandia. After participation in Operation



Hardtack I at Bikini and Johnston Island, Ted was loaned to Los Alamos Scientific Laboratory to work in Nevada on Project Rover. He returned to Sandia Laboratory only recently.

He attended Idaho State College and the University of Idaho, receiving a BS degree in Mechanical Engineering from the latter in 1952.

During World War II Ted served two and a half years in the Army, part of the time with an infantry unit in the Pacific.

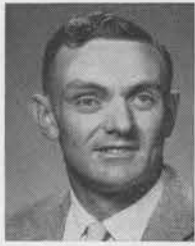
WALTER L. HYDE to supervisor of Section 1264-1, Warhead Electrical Systems Division.

During seven and a half years with Sandia Corporation Walter has worked on field test projects such as instrumentation and coordination with test requirements.

Walter came to Sandia from the Corps of Engineers where he was in the design and construction divisions for a year.

He received his BS degree in electrical engineering from the University of New Mexico and is a registered professional engineer in New Mexico. He is a member of the Institute of Radio Engineers and Sigma Tau, engineering honorary.

During World War II Walter served two and a half years in the Army engineers, part of the time in Europe. Before and immediately after entering service he worked as a journeyman electrician in Clovis.



ROBERT W. HUNKE to supervisor of Section 1245-2, Project Division.

Bob has been working with electrical component systems during his six years at Sandia Lab.

He came here from the University of Texas where he received his BS degree in electrical engineering. A year of his undergraduate study was at Baylor University.

From 1944-48 Bob served in the Navy as an Electrician's Mate First Class, part of the time in the Philippines.

He is a member of Eta Kappa Nu, electrical engineering honorary, the American Institute of Electrical Engineers, and is a registered professional engineer in New Mexico.



# Calendar Scientific and Technical Meetings

Oct. 3-16

American Society for Metals  
Thursday, Oct. 15  
Hoyt's Dinner Bell  
Social Hour, 6 p.m., Dinner, 7 p.m.,  
Meeting, 8 p.m.  
Speaker: J. J. Heger  
Topic: Stainless and Heat-Resistant Alloys  
For more information call H. R. Holmes (1621), Ext. 31258

American Society of Mechanical Engineers  
Saturday, Oct. 10  
Kirtland AFB Officers Club  
Social Hour, 6:30 p.m., Dinner, 7:30 p.m.  
Technical Talk, 8:30 p.m.,  
Dancing, 9 p.m.  
Speaker: E. H. Draper (1200)  
Topic:  
Some European Impressions  
For reservations contact John Kelly (1331), Ext. 41251.

American Society for Quality Control  
Monday, Oct. 12  
Albuquerque National Bank, East Central Branch  
Technical Meeting: 8 p.m.  
Panel Discussion—  
Moderator, Tom Harrison (2561)  
Topic: Theory vs. Practical Quality Control  
For more information contact John Gaskins, ACF.

Instrument Society of America  
Tuesday, Oct. 13  
Hoyt's Dinner Bell  
Dinner, 6:30 p.m.,  
Technical Meeting, 7:30 p.m.

IRE Professional Group on Space Electronics Technics  
Tuesday, Oct. 13  
EE Bldg., Room 218, UNM  
Technical Meeting: 8 p.m.  
Speaker: R. P. McCann (5223)  
Topic:  
Noise in Space Communications

Sandia Base Radio Club  
Tuesday, Oct. 13  
Bldg. T 319, Sandia Base,  
7:15 p.m.  
Auction of Radio Equipment  
(open to public)  
Auctioneer: A. H. Perry (3462)  
For more information contact Ed Bales (2552), Ext. 37132.

American Society of Tool Engineers  
Wednesday, Oct. 14  
Leonard's Restaurant  
Dinner, 7 p.m., Meeting 8 p.m.  
Speaker: P. S. Lambert, Vice President, Special Products Div. of Talco Engineering Co., Redondo Beach, Calif.  
Topic: Explosive Forming  
For more information contact R. Frow, CH 7-0361, Ext. 334.

American Welding Society  
Thursday, Oct. 8  
Mechanical Engineering Lab 2, UNM  
Technical Meeting: 7 p.m.  
Panel Discussion  
Topic: Inert Gas Welding of Aluminum

## A. B. Metzger Speaks On Rescue Breathing

A. Burton Metzger, Manager of the Safety Engineering Department, will speak at a meeting of the Home and School Association of Assumption School at 7:30 p.m. on Tuesday, Oct. 13, at the Parish Hall.

Mr. Metzger will discuss "Rescue Breathing" and also show a film.

## W. H. Kingsley Speaks

"Industrial Hygiene As a Service to Industry" was discussed by W. H. Kingsley (3361) before the Building Trades Council in El Paso, Tex., last week.

# 1959 Sandia Employees Contribution Plan Solicitors

1200 & 1500  
Captain: John W. McKiernan  
1210 — 1240  
Squad Leader: J. P. Myers  
W. C. Cheek, R. C. Diesing, H. F. Linker, R. L. Flury, E. C. Williams.  
1220  
Squad Leader: W. A. Adams  
J. E. Postlethwaite, J. H. Davis, F. F. McEwin.  
1260  
Squad Leader: L. M. Barker  
Julie Bode, R. K. Knutson, W. W. Wagoner, R. M. Ford.  
1280 & 1230  
Squad Leader: R. T. Othmer  
W. T. Holmes, O. E. Pigg, J. F. Durrie, L. F. Stravanski.  
1540  
Squad Leader: Gino Carli  
R. W. Roberts, E. J. Vulgan, T. W. McKinney.  
1520 & 1590  
Squad Leader: Dave Essad  
W. E. Lane, J. R. Martindell, G. S. Bower, P. F. Meigs, K. H. Zimmermann.  
1300-1400  
Captain: G. O. Folkins  
Squad Leader: T. H. Reed  
J. J. Dobias, R. C. Lawwill, A. F. Beck, James Doerner, J. K. Cole, P. L. Field.  
1410  
Squad Leader: R. C. Creveling  
R. M. McGeehe, W. J. Barlow, E. L. Jacobs, G. D. Cosgrove, J. D. Elson.  
1420  
Squad Leader: E. F. Carter  
R. O. Work, C. I. Votaw, C. D. Ouverson, F. L. Chavez, J. C. Ahlquist.  
1600  
Captain: N. J. Eich  
1622  
Squad Leader: J. E. Smith  
1621  
Squad Leader: K. E. Mead  
1651  
Squad Leader: H. L. Webster  
2200  
Captain: C. M. Abernathy  
2221-2222-2223-2225  
Squad Leader: C. M. Dixon  
Walter Norris, R. J. Kraus, Julian Perea, Willard Clark.  
2226-2227  
Squad Leader: Shirley Meloche  
Ester Martinez, I. S. Chavez, S. A. Abeyta, J. F. Sanchez, J. B. Sanchez.  
2231  
Squad Leader: J. J. Reck  
Pat Garrett, Dave Gonzales, Ruth Gustin, Ann Hawk.  
2232  
Squad Leader: Adolfo Sanchez  
Ted Chavez, R. J. Callahan, Benjamin Martinez, A. D. Bacon, Frank Speakman.  
2200  
Captain: N. W. Ollman  
2233-2234-2236  
Squad Leaders: Eustaquio Rael - F. H. Fox  
C. L. Himes, H. E. Kindsche.  
2241-2242  
Squad Leader: James Leonard  
Flaviano Saavedra, Alex Griego, E. I. Alvarez, R. O. Baca.  
2243  
Squad Leader: J. M. Miller  
Phyllis Hughes, Herman Romero, John Martinez.  
2250  
Squad Leader: Sam DeHaan  
Theodora Martinez, Jennie Rowlinson, L. L. Pierce, John Lambie.

2500-2600-2700  
Captain: C. L. LaFleur  
2530  
Squad Leader: R. A. Wilson  
J. H. LeRoy III, M. E. Crandall.  
2540  
Squad Leader: R. A. Wilson  
H. C. Rumm, J. N. Middleton.  
2550  
Squad Leader: W. H. Allen  
J. T. Geoghegan, H. R. Hanen, V. T. Mikle-bost, E. W. Scott, K. E. Lindell, R. P. Lewis.  
2560  
Squad Leader: W. M. Howard  
M. M. McKinley, J. W. Frizzel, J. D. Highfill.  
2600  
Squad Leader: Floyd Hursh  
Irene Leyba, R. E. Brian, J. B. Hamlet.  
2710  
Squad Leader: C. R. Freund  
Lillian Sandin, J. N. Barnhouse, A. R. Teta, Frances Aaron, J. B. Kilmartin, M. J. Gallegos.  
2720  
Squad Leader: H. L. Calvery  
Jennie Spann, Mary Kelly, M. J. Vale, D. E. Goodrich, L. B. Flores, R. F. Lyon, C. E. Drew, Geri Costello, D. F. Lawrence.  
2730  
Squad Leader: C. W. Quillen  
Lyle Diamond, C. W. Quillen.  
3100  
Captain: T. L. Daniel  
3110-3120-3130  
Squad Leader: B. H. Finley  
H. C. McIlroy, E. I. Opland, Margaret Loren-zo, R. H. Walters, K. C. Krogh.  
3150  
Squad Leader: G. W. Elliott  
Bernice Sanders, Hallie Tankersley, Marie Thirkeldson.  
3126  
Captain: Lila Ness  
3126  
Squad Leader: Jane Gorton  
Lillie Sanchez, Dorothy Hoeke, Shirley Mc-Guire, Ramona Grandstaff, Nora Johnson.  
3126  
Squad Leader: Beatrice Haines  
Janet Willis, Joyce Scroggin, Dixie Baca, Mary Campbell, Dorothy Raper, Marie Luna.  
3126  
Squad Leader: Jane Smith  
Janice Robertson, Dody McKelvey, Kendra Longfellow, Louise Lewis, Jean Schuster.  
3126  
Squad Leader: Mavis Bowland  
Joleyn Koger, Nancy Duhigg, Pat Hethcoat, Marlene Gasser, Cynthia Davis, Evelyn Hunter.  
3126  
Squad Leader: Polly Horne  
Betty Furlow, Virginia Travis, Darlene Kraft, Barbara Rutherford, Lucille Larrabee.  
3200  
Captain: J. E. Baylor  
3211  
Squad Leader: D. L. Rost  
M. W. Tippy.  
3241  
Squad Leader: E. C. Moser  
W. F. Hodges.  
3242 (Shift 1)  
Squad Leader: Hugo Flores  
Luciano Archuleta, R. L. Cresson, J. R. Mahboub.  
3242 (Shift 2)  
Squad Leader: C. R. Ortiz  
C. L. Cox, Louie Bryant, K. K. Holloway.  
3242 (Shift 3)  
Squad Leader: J. C. Ivey  
L. C. Pearl, Sam Rodocovich, P. M. Hecht.  
3242 (Excorts)  
Squad Leader: W. O. Bramlett  
M. H. Brown, V. C. Honeyfield.

3300  
Captain: C. L. Hines  
3360  
Squad Leader: Margaret Kenneth  
R. O. Mills.  
3400  
Captains: C. L. Hines & G. O. Thorne  
3421  
Squad Leader: Jean Naughton  
Joan Swing, Varoqua Yoakum.  
3422  
Squad Leader: H. S. Schwarz  
C. E. Long, Dorothy Ham.  
3423  
Squad Leader: J. M. Zanetti  
M. J. Ahern, D. F. Rauber, W. L. Garner, Arbie Ellsworth.  
3441  
Squad Leader: Janice Sharpe  
G. J. Pasko, Phyllis Finlayson.  
3442  
Squad Leader: Janice Sharpe  
D. S. Chavez, A. Barela, G. W. Henfling.  
3443  
Squad Leader: E. L. Prawitz  
W. G. Padilla, H. L. Hacker, F. C. Rivera.  
3450  
Squad Leader: J. E. Westbrock  
Emily Gilmore, R. K. Vokes, Elaine Fuller.  
3461  
Squad Leader: Evalyn Gillespie  
Mary Lindberg, Joanne Bauer, Elsie Allen, Wilda Ward.  
3462  
Squad Leader: Mary Eva Hurst  
Dorothy Kirk, Hazel Smeltzer, Betty Mc-Kinstry, Rosanne DuBois, R. J. Duran, R. Gal-baldon, R. H. Hall, L. E. Erne.  
3463  
Squad Leader: J. B. Walston  
Oreste Ganzler, T. I. Baggett.  
3464  
Squad Leader: W. Jones  
R. J. Dill, A. E. Maes, R. Costales.  
3465  
Squad Leader: Mary Webster  
3466  
Squad Leader: Beatrice Schowers  
Marion Knapp, Sue Propst, L. F. Hale, J. R. Rozell, Margaret Tanakad.  
4100  
Captain: R. B. Yoder  
4110-4120  
Squad Leader: A. T. Steele  
B. E. Shea, P. V. Davis, F. H. Johnson, R. J. Gevirtzman.  
4131-4170  
Squad Leader: F. W. Corner  
B. O. Garrison, J. R. Coleman, Flora Burch, Helen Balistrere.  
4132  
Squad Leader: Frank Lucero  
D. W. Davis, B. P. Chavez, Hyacinth Walker, Josephine Ryan, Frances Candelaria.  
4150  
Squad Leader: G. W. Stohner  
Catherine Anest, H. A. Romme, Vivian Hed-man, G. P. Beller, George Blea, W. A. Schmidt.  
4135  
Squad Leader: P. A. DiDomenico  
Francis Najor, Betty Sherrerd, W. C. Nott.  
4200  
Captains: E. K. Gardner, L. W. Stouder  
4210  
Squad Leader: H. E. Christenson  
B. W. May, Reba Garrison, C. E. Horner, H. A. Saavedra, Nita Clark, A. S. Ortiz, O'Donna Gunn, L. T. Garcia, Santiago Otero, R. C. Gonzales.

4200-4210-4230  
Squad Leader: E. K. Gardner  
Joanne Boyd.  
4221-4220  
Squad Leader: B. C. McKay  
R. Leogerwood, E. J. Zachewicz, T. S. Mickey, C. B. Torres.  
4231  
Squad Leader: R. G. Fleming  
J. E. Harness, L. E. Williams, E. M. Click, J. E. Sul, J. D. Stern, R. T. Pegue, P. L. Doucet  
4232  
Squad Leader: D. S. Wise  
R. L. Offill, G. J. Uhl, R. R. Petrini.  
4233  
Squad Leader: E. M. Hopkins  
Jacob Sandoval, R. L. Dalby, John Anaya.  
4251-4250  
Squad Leader: E. L. Arterburn  
G. W. Cummings, R. J. Hoffer, A. J. Brady, A. W. Litka, W. W. Tillman, R. M. Thimm.  
4252  
Squad Leader: R. H. Johnson  
W. L. Kurfink, Bruno Paoletti, H. L. Smith, E. L. Mitter, P. D. Darrah, E. C. Cordova.  
4253  
Squad Leader: C. C. Paschal  
Victor Gabaldon, R. R. Bewley, R. W. Griffin, R. A. Rozelle.  
4254  
Squad Leader: A. C. Taylor  
J. D. Jolota, T. E. Henderson, E. G. Smith, J. I. Malpas, Jerry Cole, V. E. Dailey.  
4224  
Squad Leader: B. C. Brown  
H. E. Sherman, D. W. Goens, Felix Hen-dren, C. Waldorf, L. D. Tichenor.  
4300  
Captain: J. R. Spence  
4333  
Squad Leader: J. R. Adkins  
Eva Monson, Marie Dillon, Ann Montgom-ery, Eleanor Scotten, Vera Miller.  
4335  
Squad Leader: C. J. Uribaldi  
D. C. Callahan, W. F. Huebner, J. A. Dev-eneau, C. D. Blackwell.  
4400  
Captain: D. B. Kennedy  
4411  
Squad Leader: R. J. Niebel  
R. T. McRae, B. C. Slack, I. C. Ellicot, J. A. Lovato, R. B. Harding, T. V. White.  
4412-4413  
Squad Leader: C. A. Tucker  
J. Williams, B. G. Smith, K. E. Pilkington, J. H. Lackey, J. M. Stott, R. J. Johnson, P. T. Mathews.  
4420-21-22-23-24  
Squad Leader: A. C. Dale  
R. S. Nelson, John Olson, Frances Sheaffer, Geraldine Becker, Mary Hall.  
4400-4410-4430  
Squad Leader: Frances Hale  
Norma Goodwin, Ann McCullough.  
4500  
Captains: W. H. Martin & F. X. Vogel  
4511  
Squad Leader: W. M. Elskes  
4512  
Squad Leader: M. A. Serna  
M. P. Lucero, J. D. Anderson, D. L. Case.  
4513  
Squad Leader: C. L. Pecha  
C. Wideman, J. C. Farmer, V. G. Chavez, E. V. Breeden.  
4514  
Squad Leader: W. G. Maybery  
D. C. Davis, J. Armijo, J. Woelhart, J. Knott, J. W. Hatcher, B. A. Keller, O. H. Berlier.

4516  
Squad Leader: R. L. Whitlow  
Felix Padilla.  
4518  
Squad Leader: C. E. Alderman  
Shirley Miller, Pedro Ortiz.  
4540  
Squad Leader: C. J. Kaspar  
Miguel Montoya, Doris Mason, C. E. Champe.  
4573  
Squad Leader: F. G. Gabaldon  
R. W. Hartenberger, E. Landavazo, C. E. Garcia, J. Chavez, A. T. Garcia, C. M. Cande-laria.  
4574  
Squad Leader: L. R. Wilson  
4575  
Squad Leader: E. J. Whitmore  
5100  
Captain: B. F. Murphey  
5110 & 5130  
Squad Leader: C. R. Mehl  
A. J. Chabai, L. S. Lockingen, L. B. Smith, C. C. Hudson, R. A. Graham.  
5120 & 5150  
Squad Leader: B. W. Lindsay  
W. E. Jungmeyer, C. E. Abraham, W. F. Roherty, F. L. Vook, Irving Auerbach.  
5140  
Squad Leader: R. M. Dayhoff  
R. S. Longcharich, K. L. Goin, H. A. Wente, T. M. Sedgwick, R. T. McVeety.  
5200  
Captain: H. J. Bowen  
5210  
Squad Leader: W. T. Ward  
L. L. Lathrop, M. Berg, K. R. Baltz, Alice Bump.  
5220  
Squad Leader: K. R. Fortman  
D. A. Greenwall, R. A. Glenn, W. B. Gold-rick, J. B. Rivard.  
5230  
Squad Leader: H. R. Lung  
Lung will be solicitor for the Dept.  
5240  
Squad Leader: Joyce Scott  
Jean VanFleet, M. E. Bauder, F. E. Forsythe, D. C. Hanson, E. W. Cook, P. J. Gadevaia.  
5250  
Squad Leader: C. M. Vick  
R. V. Tuller, R. V. Peet, R. D. Robinette, D. E. Grebe, T. G. Banks, I. D. Hamilton.  
5300-6000  
Captain: G. J. Hurley  
5300-6000  
Squad Leader: H. C. Sieberman  
L. L. Phillips, H. B. Evans, Jr., C. A. Mc-Keever, W. L. O'Trimble, Millie Copeland.  
5500  
Captain: W. C. McKinley  
5510  
Squad Leader: H. A. Walters  
H. L. Holmberg, Connie Ramirez, B. J. King, Willella Golden.  
5520  
Squad Leader: R. D. Christopher  
D. G. Pipher, A. R. Elwell, R. E. Wolley, W. D. Connelly, R. K. Bump.  
5530-5540  
Squad Leader: L. W. Ramsey  
K. F. Lindell, Wanda Conklin, Mildred John-son, Frances Tomlinson.



## Sandia Lab Exhibit Proves Popular at Navajo Tribal Fair

One of the most popular exhibits at the recent Navajo Tribal Fair at Window Rock, Ariz., was Sandia Corporation's scientific display.

All of Sandia's exhibits were audience participation and included the following: "Stop the Wheel," a stroboscope focused on a poster advertising the Navajo Fair; an infrared light demonstration; "See and Hear Your Heart-beat," a stethoscope, oscilloscope and speaker.

A Flexowriter demonstration; "See Yourself on Television," a closed circuit TV; "Try Your Skill," a pinball machine using impact crystals to actuate lights, and a satellite model that broadcast President Eisenhower's message of Peace in Navajo on a magnetic tape when a button was pressed.

The Sandia exhibit was very well received by Fair visitors, and the Navajo Fair officials have already extended an informal invitation for Sandia to participate next year.

R. D. "Bob" Statler (5241) was in charge of the Sandia display. Other Sandians who helped with the operation of the exhibits were L. D. Watkins (5242), W. D. Adams (5241), N. A. Littrell (5216), J. W. Mason (5257), C. J. Nissen (5257), H. B. Austin (5222), L. V. Day (5254) and J. L. Landrum (3448).

## SPE Sponsors Training Review For Engineers

A non-credit review of mathematics and fundamentals of engineering will be offered at the University of New Mexico starting Nov. 9.

The Engineer-in-Training Review, sponsored by the Albuquerque Chapter of the New Mexico Society of Professional Engineers, will be given Monday and Wednesday evenings from 7-9 p.m. There will be 32 class meetings.

Included in the review will be optics and sound, statics, strength of materials, dynamics, thermodynamics, fluid mechanics, engineering economics, electricity and balancing of equations in chemistry. The review is designed to provide incentive and encouragement to prepare qualified people to take the Engineer-in-Training examination which is a prerequisite to the Professional Engineer's examination.

Instruction will be given by UNM professors and specialists from Kirtland AFB. Arthur M. Hill (1313-2) will teach one of the subjects.

The class will be limited to 40 persons. Registration forms and information may be obtained from M. H. McMichael, UNM, CH 7-0391, ext. 208 or 209.

## Fire Prevention Week

# Sandia Corporation Fire Loss For Past 9 Months is \$145

Next week, Oct. 4 through 10, is Fire Prevention Week at Sandia Corporation. Climaxing a year of fire prevention activities with a concentrated effort in employee education, personnel of the Inspection Section 4542-1 will arrange displays, posters, building inspections, fire drills and conduct fire extinguisher demonstrations.

Sandia will be joining with industries and communities throughout the nation in observing Fire Prevention Week. It is aimed at promoting awareness of the terrible toll of fire and its cost in lives and dollars to America and through fire prevention programs reduce this loss.

National statistics are staggering—11,500 lives lost from fires in 1958; one death every 46 minutes; \$1,056,266,000 in property loss;

every 37 seconds a fire in some city of the United States.

"At Sandia Corporation we have been lucky," Ward Hunnicutt, 4542-1 supervisor, says. "We have had a series of 11 minor blazes since Jan. 1 with a total loss of only \$145. However, the number of these incidents is significant enough to make all of us aware of the need for constant fire prevention alertness."

(The Sandia Lab News reported on Sandia's fire record in the issue of Aug. 7. Not reported were the last two fires which occurred recently. In Bldg. 6630 in Area III a small wooden keg containing waste material caught fire and scorched the paint on some nearby metal lockers, causing \$15 damage. A temperature test chamber in 802 overheated and destroyed its contents which were valued at \$100.)

Every major building at Sandia will have a fire prevention display next week. Each display will illustrate a fire hazard or fire prevention technique. Carelessness is the chief cause of fire and this theme will be used in a burning cigaret display, a "gambling with fire" exhibit, and an "it could happen here" display. Other exhibits will show the working of fire extinguishers, explain sprinkler systems and alarm equipment.

All buildings at Sandia will receive fire inspections and most buildings will have fire drills. A Base fire truck, equipped with a public address system, will tour the Housing and Tech Areas at intervals during the week broadcasting fire prevention messages.

"The message will be," Ward says, "that fire prevention is everybody's responsibility. Prevent fires and save lives. That's a big responsibility."

## 'Naval Threat to U. S.' To Be Discussed at Colloquium Meeting

"The Naval Threat to the United States" will be discussed at a Sandia Colloquium meeting Wednesday, Oct. 7, in Sandia's new auditorium, Bldg. 815.

Speaker will be Capt. George F. Dalton of the Submarine Command. Tickets are required for the meeting which begins at 9:30 a.m.

On Oct. 9, a Development Seminar will be held with the area of interest being materials. I. V. Williams, supervisor of Metallurgical Engineering at Bell Telephone Laboratories, will speak on "The Forward Look in Materials for Military Programs."

The seminar, which begins at 9 a.m. in Bldg. 815, is open to all interested persons.

## Sandia Back-to-College Movement Attracts Half-Thousand Students

Enrollment in Sandia's Educational Aids program will top 500, Bill Bailey of Staff Training and Education Division 3131, reports. As the Sandia Lab News went to press, exactly 500 employees had registered in the Aids program and signed for classes at the University of New Mexico.

"A few employees out of town on company business have indicated that they will register late," Bill said.

Graduate students among Sandia employees number 283 and 217 are taking undergraduate courses.

Electrical engineering is the most popular field of study with 100 graduate enrollments and 65 undergraduate. Mechanical engineering is second with 66 students working for advanced de-

grees and 18 taking undergraduate work.

In other engineering fields Sandia has five graduate students and two undergraduates.

Nineteen Sandians are working toward advanced mathematics degrees and 16 toward undergraduate degrees.

Physics students number 17 graduates and five undergraduates. Enrolled in other science studies are three graduates and four undergraduates.

Enrolled in business administration and liberal arts courses were 49 graduates and 63 undergraduates.

Under the Educational Aids program, Sandia Corporation pays half the tuition for an employee who successfully completes a job-related course at an accredited university.



TWO PRETTY Navajo Fair visitors watch Flexowriter type thunderbird designs as Bob Scussel (5231) explains how it's done. Joe Landrum (3448) is the interested spectator in the background.

## 15 Sandians Part-Time UNM Faculty Members This Fall

This semester twice as many Corporation employees are teaching credit courses at the University of New Mexico as previously.

The majority of the employee-professors are instructing math courses, but several are also in the English department. Four of the Sandians are teaching at UNM for the first time.

Employees who have renewed teaching contracts with the University include: Stoughton Bell (5122), Math 147; T. C. Preston (1592), Math 15 (Algebra) and Math 16 (Trigonometry); Floyd E. Forsythe (5242), Math 51 (Analytic Geometry and Calculus); Don R. Morrison (5126), Introduction to Modern Algebra; R. C. Hildner (5122), Math 51; Howard H. Wicke (5126), Math 285 (Functional Analysis).

George Steck (5511), Mathematical Statistics; Bernard Ostle (1592), Math 133 (Mathematical Statistics); Calvin Rogers (5242), Math 15F (College Algebra); W. F. Carstens (3423), English I, and Jim Fife (3423), English I.

Those teaching at the University for the first time are: J. R. Blum (5125), Math 148 (Applied Advanced Calculus); Richard Prairie (1592), Math 50 (Analytic Geometry and Calculus); Donald F. Rauber (3423), English I, and J. W. Weihe (5122), Math 147 (Advanced Calculus).

Mr. Blum has been at Sandia about two months and formerly taught mathematics for six years at Indiana University. He received both his Bachelor's degree and PhD at the University of California.

Mr. Prairie has been a statistician at Sandia Laboratory for the past year. He has a BS degree in biology from the University of Minnesota and an MS in statistics from North Carolina State College.

During his two years at Sandia Mr. Rauber has been a technical writer. Previously, he taught English for four years at the University of Oregon where he also received his MA degree and PhD. His

## United Crusade Drive At Livermore Lab Reaches New High

Livermore Laboratory's contribution to date to the United Bay Area Crusade is \$8,832.95, campaign chairman J. P. Brock (8224), announced. Goal for the entire city of Livermore is \$23,575.

The average contribution was \$14.34 from the 85.9 per cent of employees who participated. There were 717 employees solicited of the 762 on roll. Absent employees will be solicited later.

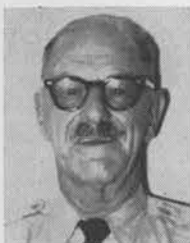
Last year Livermore Laboratory employees contributed \$5,320 to the United Crusade, plus a Corporate gift of \$425. Final results of the campaign are expected to be announced in two weeks.

BA degree in English was from St. Mary's College.

Mr. Weihe has been at Sandia five years and has been a division supervisor since February 1957. Prior to coming here he taught math at the University of California for five years and for two years at the University of Nevada. His BS and MS degrees in math were obtained at the University of Nevada and his PhD was from the University of California.

## Mickey Shea Retires After 11 Years at Salton Sea Test Base

Retiring Sept. 30 at Salton Sea was Maurice J. "Mickey" Shea, who had been a security guard at



M. J. Shea

the California test base since January 1948.

Mr. Shea's plans are a bit uncertain as yet but he plans to remain at Brawley, Calif. Perhaps later in the winter he will visit his sisters in other parts of the country.

He has an active interest in sports and will undoubtedly spend much time watching football and baseball games on TV.



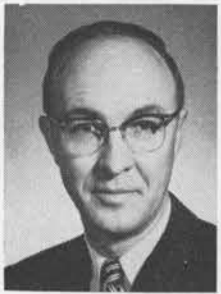
SANDIA CORPORATION'S BOARD OF DIRECTORS met in Albuquerque recently for technical briefings and the regular Board meeting. Seated (l to r) are: P. R. Brousse, vice president, manufacturing division, Western Electric Company; J. B. Fisk, president, Bell Telephone Laboratories; J. P. Molnar, president, Sandia Corporation; H. I. Romnes, president, Western Electric Company; and R. L. Helmreich, vice president and general manager, Bell Telephone

Laboratories. Standing (l to r) are: F. C. Childs, general attorney, secretary and treasurer, Sandia Corporation; J. J. Merry, secretary of the board and secretary, Western Electric Company; S. P. Schwartz, vice president and general manager, Sandia Corporation; W. L. Brown, vice president and general counsel, Western Electric Company; and C. R. Smith, vice president, radio division, Western Electric Company. Mr. Molnar is chairman of the Board of Directors.



# Sandia Service Anniversaries

15 Years



Ray B. Powell  
3000  
Oct. 9, 1944



Donald S. Dreesen  
5522  
October 1944

10 Years



Edward L. E'senberg  
5322  
Sept. 19, 1949



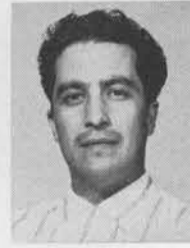
Harry W. Clay  
4573  
Oct. 3, 1949



Robert R. Sowell  
1621  
Oct. 3, 1949



Adelina E. Lucero  
4135  
Oct. 5, 1949



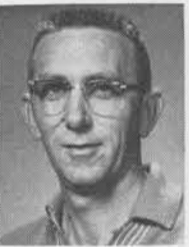
D. R. Salazar, Jr.  
5532  
Oct. 5, 1949



James C. Gravin  
3446  
Oct. 10, 1949



Franklin W. Loomis  
1246  
Oct. 10, 1949



Richard E. Andres  
5532  
Oct. 11, 1949



Robert L. Culley  
5213  
Oct. 11, 1949



Robert W. Higgins  
3446  
Oct. 11, 1949



Mildred F. Crouch  
4500  
Oct. 12, 1949



Rocco S. Natoli  
2711  
Oct. 12, 1949



Charles A. Wells  
5531  
Oct. 12, 1949



Arvine F. Cone  
5510  
Oct. 14, 1949



William T. Ryan  
8211  
Oct. 14, 1949

5 Years

Oct. 3-16

Calvin L. Jackson, 3232, Darrell A. Joyner 2551, James R. Collier 5522, Harry P. Wheeler 1613, Leeland H. Hogue 1423, Kathryn H. Wright 5100, George R. Peterson 1231, Doris L. Galloway 3466.

Gloria M. Gonzales 4135, Johnnie P. Chandler 3242, Howard H. Wicke 5126, Maxine E. Gattin 3153, Marvin R. Hunt 8213, Norman L. Zirwas 2711, Stephen T. Taday 4252, Frank J. Suazo 4574.

Thomas T. Kirtley 2551, Asher D. Kantz 5150, George F. Miller 4412, Jose A. Chacon 5532, Lilly A. Katzenstein 4130, Walter E. Myers 4254, Joseph F. Calek 5523, Jennie O. Rowlison 2251.

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. Use 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

ELECTRIC OVEN and cabinet, Westinghouse, \$35; 9x12 oval rug, \$25; miscellaneous items. Beatrice, Ext. 44290, 3182 41st Place., Sandia Base.

SIX-YEAR CRIB, complete, \$10; men's figure ice skates, about size 9, \$3. Harks, AX 9-4843.

'48 FORD, club coupe, customized, R&H, \$250. Lewis, AL 5-0396.

2 BRM HOME, insulated, weather stripped, \$3000 down, \$13,900. Will rent, \$120 per month, adults, no pets, water, garbage paid. Pouliouff, AL 5-5458.

3 BRM MOSSMAN, 1 1/4 baths, carpeting, drapes, landscaped, 2929 Cuervo NE; \$17,500, \$1500 to \$5900 down. Rent for \$150. Gobel, AX 9-7948.

'50 CHEVROLET, 4-door sedan, rebuilt engine, heater, good transportation, \$195. Walters, Ext. 52180 after 5.

JEEP, 4-wheel drive, metal top, tow bar and trailer hitch, sell or trade for pickup. McFadden, DI 4-3291.

FIREPLACE IRONS and screen, one set, almost new. Kindschi, AL 6-0531, 1040 Princeton NE.

'56 RAMBLER, 4-door, \$1150 or trade for older model wagon; headboards, side rails for double bed, blond mahogany, \$20. Sanchez, 7723 Robin NE after 5.

40" MAYTAG "Dutch Oven" gas range, deep well cooker, controls on back panel, \$40 or best offer. Kolodinski, AX 9-7402.

REMINGTON 740A autoloader 30-06 w/Anetrl 4x scope and extra clip, \$150. Seavey, AL 5-5071.

GREEN FIBREGLAS in sheets of 30" x 5' and 36" x 5', 20 cents square foot. Healy, DI 4-8378.

ELECTRIC BROILER and rotisserie combination, \$21 or 7 trading stamp books; Wearever Dripalator, \$5; girl's shoe skates, size 7, \$8. Naomi, Ext. 52141.

STEPHENS 12 ga. double barrel and 8mm-06 deer rifle, customized w/scope. Ellis, AL 6-5759.

HEATHKIT "Mohawk" Receiver, new, assembled, \$275. Sharp, 10409 Walker Dr. NE.

NORGE REFRIGERATOR, automatic defrost; 2-piece sectional; 8-piece dining room set; 5-piece dinette, 24" Admiral TV; electric range, misc. Anez, AX 9-6301.

3 BRM ROBERSON, 1 1/4 baths, dining room, w/b fireplace, many other features. Des Jardin, AX 9-0077, 11409 Snowheights NE.

KITCHEN TABLE and four chairs, \$25; 2 Venetian blinds, 72"x48" and 62"x48", \$25 for both. Abeyta, AL 5-5369.

'51 LINCOLN club coupe, hydramatic, dual pipes, Mallory ignition, electric fuel pump, all accessories. Wistor, AL 5-1943, 4902 Southern SE.

GARAGE DOOR, wood; R. C. Allen hand-operated adding machine, 2 years old, will trade for executive metal desk. Alderete, AL 6-6047.

'57 GOLIATH, 13,500 miles, R&H, red leather, 4-speed, fuel injection engine, for quick sale, \$750. Nielsen, AL 5-2045.

PINE MOULDINGS, short lengths, 3/6", all patterns, bundled separately, 50 cents per 100 and up. Stott, AX 9-1516.

BLACK AND TAN hound pups (female) very good for hunting coon, cats or bear, \$20 each; Buncing, English racer, Royal Scot, \$25. Bluett, Ext. 45274.

THREE-PIECE beige sectional davenport, \$100 or trade on good overstuffed chair. Willson, AX 9-0278, 2141 Glorieta NE.

SUNLAMP, table model; motor 1/4 hp, 120v; electric heaters, 120v, 660 and 1250 watts; medicine cabinet w/mirror; upright piano. Cashion, CH 2-3345, 2911 Monterey SE.

26" BICYCLE, boy's, \$20; 26" bicycle, girl's, \$15. Nixon, AL 5-4118.

BABY CRIB, 6-year-size, \$7; electric bottle sterilizer, \$3. Berry, AX 9-4765.

ELECTRIC STOVE, apartment-size Monarch, \$30; 16" table model TV, \$20 or best offers. Class, AX 9-6648.

ICE SKATES, girl's figure, Barbara Ann Scott model, size 6. Bode, AM 8-2157.

UPRIGHT PIANO and bench. Guest, AX 9-3714.

'49 MERCURY, R&H, overdrive, good second car, best offer. Morgan, AL 5-3234 after 5.

26" BICYCLE, boy's, new tubes, \$20. Officer, AL 6-0337, 4021 Ave. La Resolana NE.

'55 PONTIAC, 4-door, Deluxe, hydro-matic, new tires, R&H, \$1050. Stump, DI 4-1309, Rt. 2, Box 724, Rio Grande Blvd NW.

TWIN BEDS, complete set; double size box springs and mattress; breakfast nook set; packing barrels. Ramshaw, AL 6-4512, 3200 Colorado NE.

'57 THUNDERBIRD, 26,000 miles, R&H, automatic transmission. Romero, DI 4-0302.

'58 PONTIAC, two-tone, R&H, air conditioned, new tires, might consider older car in trade, priced less than NADA. Moon, AX 9-1181.

BOX SPRING MATTRESS, Enolander, frame, reasonable. Ryan, AX 9-4708.

3 BRM BRICK, 1 1/4 baths, HW floors, screened patio, sprinklers, FHA appraisal, \$17,250; low down payment, Nov. possession, McNeely, AX 9-4232, 2511 Gen. Arnold NE.

3 BRM HOME, brick, family room off all-electric kitchen, carpeted throughout, air-conditioned, fireplace, sprinklers, many extras. Chandler, AL 5-2652.

## NEXT DEADLINE

FOR SHOPPING CENTER ADS  
Friday Noon, Oct. 9

BROWNING SUPERPOSED 12 gauge trap Grade 1, \$225; Colt Woodsman target model holster, \$55. Zownir, AL 6-3717, 414 Monroe NE.

'53 CADILLAC, Fleetwood, power steering, brakes, windows, seats and antenna, electronic eye, R&H, air conditioning. Wunsch, CH 7-3877 after 5.

'56 CADILLAC, sedan, white, all power, air conditioned, want to trade down or sell outright. Branson, AX 9-1360, 9706 Apache NE.

TWO BRM HOUSE, close in NE Heights, large rooms, fireplace, HW floors, 24 ft. screened patio, FHA \$13,500. \$1400 down. LeClair, AL 6-4121, 1710 Aliso NE.

ROPER BUTANE gas range, four burners. Long, AX 9-2805.

'53 BUICK, Roadmaster, R&H, PS PB, air conditioning, new paint. Fjelsted, Ext. 23278, 3017B 31st Pl., Sandia Base.

S&W K-MASTERPIECE 38 special pistol, belt and holster, reloading equipment and 800 brass cases, \$195 value for \$130. Lietzman, AL 6-1932, 2920 Hyder SE.

'52 CHEVY station wagon, 8 pass., R&H; also 2 new 750x14 snow tires, make offer. Hueter, CH 2-1620.

GARAGE DOOR, 8x7' w/hardware, \$35 or best offer. Laskowski, AL 6-2053.

BOY'S BICYCLE, Higgins. Dulz, AL 6-1653.

'55 BUICK, hard top Riviera, 2-door, white, automatic transmission, R&H, \$1000, terms: \$200 down, balance \$52.75 per month. Wright, AM 8-4128.

FAT YOUNG HENS, Thomas, CH 3-9827.

OUTBOARD MOTOR, 2 1/2 hp twin Johnson, cost \$175, sell for \$85 or trade for hi-power rifle or hi-fi equipment. Heitz, AX 9-5829.

TABLE TYPE high chair, grey formica top, chrome legs, also folding stroller. Cottingham, AX 9-2295.

DOUBLE BED, spring, mattress, matching double dresser, plate glass mirror, blond, \$100. Campbell, AL 5-2640 or AL 5-4271.

BOXER PUPPIES, AKC registered, good blood lines, all males. Erickson, AX 9-0880.

'57 MUSTANG special motor, 4-speed transmission, buddy seat. May, AX 9-6782, 9025 Fairbanks NE.

DRIFTWOOD COFFEE table, glass top, \$50; end tables, ebony w/white, ferruled, tapered legs, \$35 pair. Howard, AX 9-0488.

'53 CHEVROLET, 4-door, R&H, two-tone, standard shift, white wall tires, \$500. Leonard, AX 9-4684, 1505 Belts NE after 5.

ACCORDION "Princetti", 120 Bass, 5 switch keyboard, ivory keys, \$100; apartment size gas range, \$15. McMurray, AM 8-0259.

OCTOBER 2, 1959

SANDIA LAB NEWS

PAGE FIVE

## Buffet-Dance Oct. 17 At Coronado Club

Reservations are being accepted now for the monthly Coronado Club buffet-dance to be held Oct. 17.

The buffet will be from 6-8 p.m. followed by a dancing demonstration by Mike Haley and Shirley Werner and Andrea Rendon and her partner Steve Clark. These young dancers have won top honors in New Mexico and recently placed high in national competition in Long Beach, Calif.

Dancing to the music of Bud Fischer's orchestra will get underway at 9 p.m.



TROPHY WINNERS in the recent Sandia Corporation-AEC golf tournament are (l to r): Maurice Chavez (4132), low net winner; Larry Smith (5111), medalist, and Bernie Clouse (4132), who tied for second low gross with Jim Leonard (1247), not shown above.

Bell System Anniversaries  
15 Years



Walter C. Hunter  
1652  
Oct. 19, 1944  
(Bell Telephone Laboratories)

10 Years



C. F. Quate  
5100  
Oct. 10, 1949  
(Bell Telephone Laboratories)

## Golf Trophy Regained By Sandia Players From AEC Team

Sandia Corporation defeated the AEC in their second annual golf tournament, by a score of 77 1/2 points to 36 1/2, and regained the traveling trophy. The match was played on the University of New Mexico course.

Larry Smith (5111) was medalist for the tournament with a low gross of 77. Bernie Clouse (4132) and Jim Leonard (1247) tied for second with 79's, and Dick Kidd (2533) came in third with an 80.

Low net winners were Bud Urton (AEC) and Maurice Chavez (4132), who tied with 67's. Andy Blaine (2232) took third place with a 68.

Howard Lindell (5534) was the only player on either team to score an eagle, which is two below par.

Tournament directors were Chet Fornero (3153) and Bob Ruebusch (AEC).

## LOST AND FOUND

LOST—Man's wedding ring w/5 diamonds, engraved inside LT & GI 2-22-57; 6 foot, 2 man saw, machete, axe lost in Sandia Mts.; long amber earring mounted in gold; 8x10 black record book; Sheaffer's pencil w/pocket protector and pen; 35 year WE tie clip; white Revlon lipstick case. LOST AND FOUND, Ext. 26149.

FOUND—Black & grey rim prescription glasses in Lee Optical clip case; lighter made in West Germany; brass key; Ronson lighter initials: Zippo lighter. LOST AND FOUND, Ext. 26149.

## FOR RENT

THREE BEDROOM HOME, stove and refrigerator, water paid, close to bases and school, SE Heights. Gray, AL 5-2821.

TWO BEDROOM HOUSE, wall-to-wall carpet, walled yard, landscaped, unfurnished, \$100 month, 233 Cardenas. Chandler, AX 9-1947.

## LIVERMORE FOR SALE

DIAMOND ENGAGEMENT and wedding ring set, platinum - yellow gold, \$275; buffet cabinet, \$10; boy's bike, \$20; power mower, \$65; Martin, HI 7-5995.

GAS STOVE, O'Keefe & Merritt, 1956, 4 burners, grill, oven, \$50. Rucker, HI 7-3714.

'57 MGA Roadster red, wire wheels, \$1850; 17" Custom Craft Express cruiser, fully equipped w/trailer and winch, \$1695. Carter, HI 7-5549.

## WANTED

YOUNG MAN to share new home with 2 or 3 other men in Princess Jeanne Park. Henshaw, AX 9-2274 after 5.

ARMY FIELD phones, any condition, type E88 or other types, need two pairs. Roberts, AX 9-0877.

CHILD CARE in my home. A 4 or 5 1/2 year old boy to play in our yard, \$5 a day. Flora, AL 5-9880.

CHILD CARE in home of mother of two school children, will care for one child Monday thru Friday, near base. Also babysit at night. Chaves, AL 5-6155.

STOCK TANK, 200 to 500 gallon, new or used. Moon, AX 9-1181 after 5:30.

TRAILER HITCH for 57 Ford Fairlane and a tow bar. Smith, AL 5-7991.

MULTIMETER, Simpson model 260 VOM or equivalent. Coleman, AL 5-7480.

PINTS OR QUARTS, canning glass jars. Gaskill, Ext. 4-6145.

CHILD CARE in my home, right outside North gate, 8000 San Joaquin SE. OBoyle, AM 8-1436.



### Scientific Papers Being Presented By Employees

Sandians will present three technical papers at conferences in the coming two weeks and several papers have been accepted for publication.

R. D. Flaxbart (4570) will present "Economics in Material Handling" at the Fourth Materials Management Workshop in Chicago Oct. 6-8.

E. S. Roth (2562) will present "How Positional Tolerancing Clarifies Design Intent and Reduces Product Cost" at a conference of the American Society of Tool Engineers in St. Louis, Mo., Oct. 8-10.

F. A. Goss (1312) will present "One-Shot Component Reliability" at a meeting of the Military Pyrotechnic Committee of the American Ordnance Association at Aberdeen Proving Grounds, Md., Oct. 7.

Accepted for publication in IRE Transactions on Antennas and Propagation is a paper by Charles W. Harrison, Jr., and David H. Denton, Jr., (both 1423). Title of the paper is "Transmission Line Missile Antennas."

Also accepted by the same publication are several papers by Mr. Harrison. They are "Theory of End-Loaded Monopole," "Theory of Shunt Tuned Three-Wire Monopole," "Hybrid Transmission Lines," "Approximate Theory of Multituned Antenna for VLF Transmission," and "Impedance of a Folded Circular Loop Antenna."

### Evening School Enrollment Ends For Fall Term

Enrollment in the Sandia Corporation Evening School totals 545, according to General Education and Training Division 3132.

Breakdown of enrollment is as follows:

Electronics 170, Mathematics 69, Industrial Electricity 10, Blueprint Reading (Building Trades) 11, Blueprint Reading (Mechanical) 6, Manufacturing Processes 10, Plastics 25, Shop Metallurgy 15, Shop Science 20, Welding 60, English Grammar 47, First Aid 12, Gregg Shorthand 24, Shorthand Speedbuilding 20, and Briefhand 46.

Evening school courses are offered out-of-hours to Sandia employees and supplement evening classes at the Albuquerque schools. Classes are taught by Corporation employees to meet special requirements of Sandia employees.

### Movie Schedule For October 5-16 Is Announced

Sandia's noon movie program is proving popular. About 150 employees are viewing the daily films in the Little Theatre building which is located just south of the military cafeteria on Sandia Base Main Street.

Movies start at 12:10 and end at 12:55.

Schedule for the next two weeks is as follows:

**October 5-6**  
"War Arrow" with Maureen O'Hara and Jeff Chandler.

**October 7-8**  
"Tanganyika" with Van Heflin and Ruth Roman.

**October 9**  
"FBI"—First shown on national television as part of the "Twentieth Century" series prepared by Prudential Life Insurance Co.

**October 12-13-14**  
"The Great Man" with Jose Ferrer and Julie London.

**October 15-16**  
"Stand at Apache River" with Stephen McNally and Julie Adams.

### Indian Dance Scheduled Oct. 4

During the month of October only one Indian dance is scheduled in the local pueblos.

The annual fiesta will be held Oct. 4 at Nambe, about midway between Santa Fe and Espanola just off Highway 285.

### The Inquiring Reporter Asks—

## How Do You Feel About the 'Once And For All' Drive



WALT TROY (3423-2)

"This will be my third year in the plan. I've found that it is a painless way of giving 'Once and For All.' I like the idea that we are taking the initiative and setting a good example in the community. We can be proud of our individual contribution average. I remember last year the average ECP contribution was nearly \$20."



PAT McNAMARA (3126)

"I think the year 'round payroll deduction is the best feature of the plan. A continuing contribution is the best way, just as a continuing savings plan works best. I'm glad that there are more agencies in the plan than just the Community Chest."



HOMER McILROY (3111)

"Giving to charity through the Sandia Corporation Employees Contribution Plan eliminates multiple solicitation. The window sticker usually shows door-to-door callers that we've already contributed. I imagine the regular monthly checks from ECP that go to the agencies help them plan their activities for the year, too."



MARGARET REESE (3362)

"I like the easy monthly deduction plan of contributing to ECP. That way I don't miss the money. And this way I can give more than if I made a lump sum contribution. I appreciate the Corporation's policy of making this plan available to employees and I'm sure the participating agencies do too."



FELIX HENDREN (4224-4)

"It makes me feel pretty good to know that I'm doing my part to help all these worthy groups—charitable, recreational and health service. We wouldn't be solicited by some of these groups, but every one of them is doing important work that helps all of us in the long run. This year will be my third year in the plan. I hope we can get 100 per cent participation."



BILL LOVE (5221)

"I like it. It seems that someone is always coming around for some kind of donation. Payroll deduction makes my contribution to the important charities automatic and I say 'no' to solicitors with a clear conscience. To me it's really 'Give Once and For All.'"



CHECK FOR Valley Memorial Hospital is presented Lee Hollingsworth (8120), member of the hospital board, by Les Peterson (8152-1), secretary-treasurer of Sandia Mixed Handicap Summer League, which made the donation. Looking on is Glen Funk (8162-2), summer league president. Check was for \$159.

### Orlando Ulivarri in Campaign For Albuquerque City Commission

Orlando Ulivarri, Jr., a Sandia staff assistant, will be one of two "Independents for Good Government" opposing two incumbent City Commissioners in the city election Oct. 6.

Mr. Ulivarri, a native of Albuquerque, has worked at Sandia Laboratory since 1949 when it was operated by the University of California. Presently he is an administrative coordinator in the Production Evaluation Division 1624. Other jobs he has held at Sandia include order analyst, teller and bookkeeper.

He attended the University of New Mexico and Browning Business College and during World War II Mr. Ulivarri served four years with the Eighth Air Force.

The City Commissioner term is four years.

### Class Presented in Use, Maintenance of High Speed Cameras

Fifteen Sandians recently attended classes in operation and maintenance of the Warrick Model 4-G High Speed Camera. Conducted jointly by General Training and Education Division 3132 and Engineering Division 5224, the classes were taught by Frederick P. Warrick, president of the company making the camera.

The camera is used by the Field Test organization to photograph drop tests at Sandia's test ranges at Salton Sea and Tonopah.

Attending the sessions were John J. Pinnell (5322), Robert V. Peet (5252), Earl C. Saxton, Joseph E. Dirnberger, Robert R. Beasley (all 5214), Donald R. Edwards (5253), Joseph P. Lazarr, H. H. Sweeny, W. G. Foy, Clarence P. Wilson, Dale L. Fastle, Wayne W. Gravning (all 5216) and Ralph Deltenre and Irv W. Lenz (both 5224).

### ★ Poll Hours Vary In Oct. 6 Election

Persons who intend to vote in the Oct. 6 city-county election are reminded that they must be registered to be eligible to cast ballots. This election covers both the city-county election and the election for directors of the Sandia Conservancy District.

Although both elections will utilize the same polling places, voting hours for the city-county election will be 8 a.m. to 7 p.m., while for the Conservancy election the voting hours will be 9 a.m. to 6 p.m.

Continued from Page One . . .

### 'Give Once' Fund

deduction but will not personally be contacted.

"This is the sole idea of the 'Give Once and For All' drive," Marv Sektnan (3431-2), drive coordinator, says. "It is a method of raising necessary funds for worthwhile charities with a minimum of effort and a maximum of results."

"Payroll deduction," he continues, "is the simplest and most efficient way to do this."

The Corporation makes available this feature of the plan for those employees who contribute at least 25 cents a week or \$12 annually to the SCECP. Similar minimums apply at Livermore and Salton Sea on payroll deductions for their local charity drives.



Sandia Corporation Has Worked  
75 Days  
Without a Disabling Injury

### HERE'S WHY . . .

Because our employees know that developing good safety habits can save pain, money and perhaps even a life. Safety awareness carried into the home can mean good safety rules for the whole family.