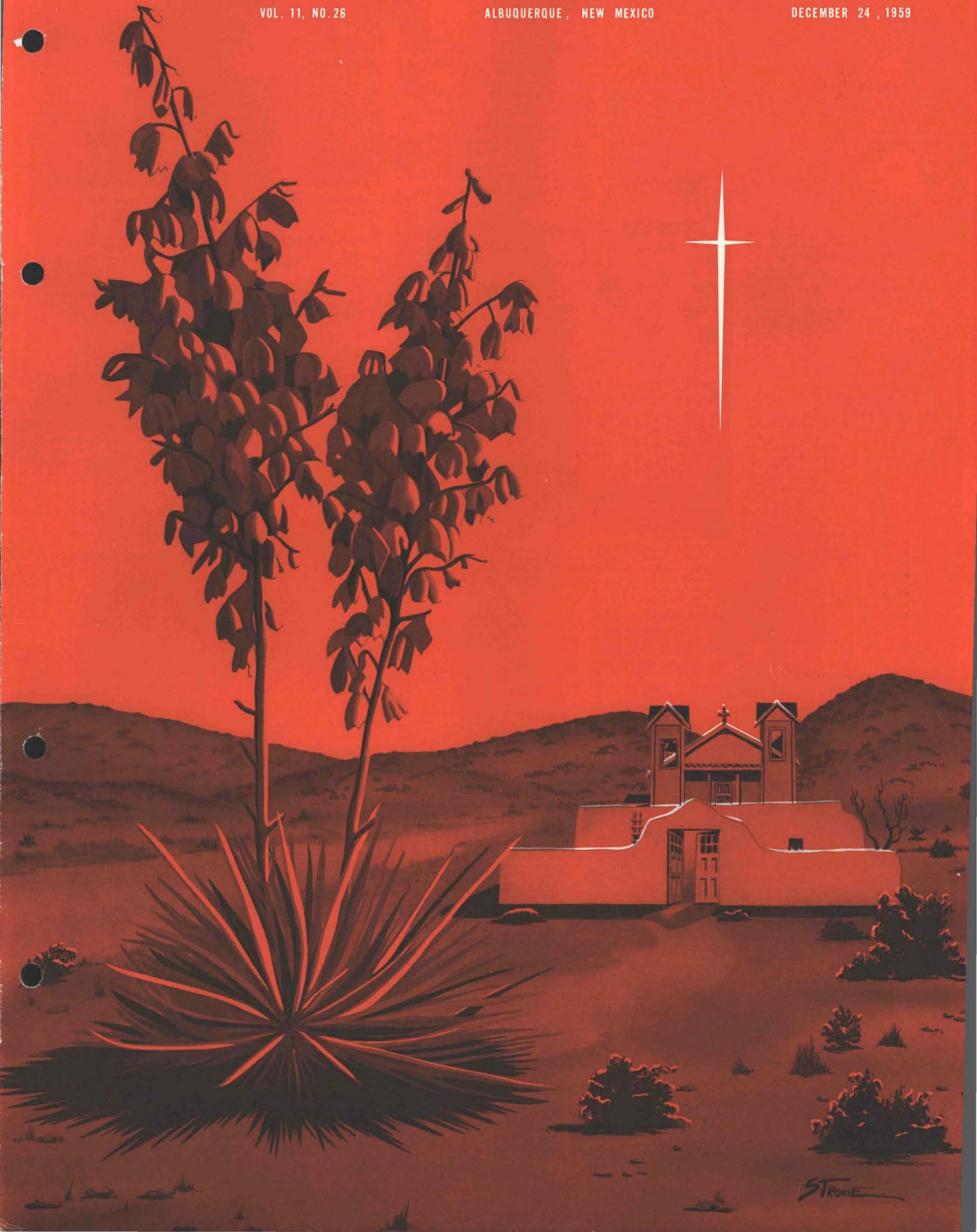


Sandia Lab News

VOL. 11, NO. 26

ALBUQUERQUE, NEW MEXICO

DECEMBER 24, 1959



STROME

Christmas Spirit Never Ending . . .

"If only the spirit of Christmas would last throughout the whole of the year . . ."

So wrote Hilda Butler Farr when she reflected on the good feeling to our fellow men which permeates the holiday season. But then she concluded her poem "The Spirit of Christmas" with these rather melancholy words:

"But strangely enough when the tree is bare
And the ornaments packed away,
The spirit of Christmas is lost until
Another December day."

Her regret at the quick dismissal of Christmas spirit is shared by most of us. We even point the finger of guilt at ourselves. For when last did we express felicitations of the season to a friend when that season was not Christmas? You hear the words "Happy Weekend" occasionally, but they are most often expressed with a spirit of relief, rather than a spirit of peace and good will.

Ben Franklin has offered us some words of advice which solve our search for the lasting Christmas spirit. Ben said:

"A good conscience is a continual Christmas."

And so may your Christmas season be happy, of good cheer — and continual.

Welcome Back

Organizations 2731 and 2724 are glad to welcome Clarence Canady back at work after two recent operations.

Hopes for good health in 1960 are extended to Mary Flanagan (2724), who recently returned to her job after a lengthy illness.

A hearty "welcome back" goes to Gertrude Stephens (1420), who has been ill.

Musicians Elected

At a recent election of the Duke City Baldwin Organ Club several Sandia Corporation employees became officers.

President for the coming year will be Les Ptacek (1432-1). Jim Poore (1614) will be treasurer and Mrs. Tom Muzzey (whose husband works in 1652) will serve as vice president. President Ptacek reports that about half of the club members are Corporation employees.

HE Safety Course

A High Explosive Safety Course, conducted on Sandia Base by the military, was attended by a large group of men in Department 5130 recently.

Included were E. B. Anderson, W. D. Ingram, R. P. Reed, W. E. Taylor, M. R. Zimmerman (all 5131), and W. B. Benedick, W. P. Brooks, L. E. Heames, I. D. McKinney, J. J. Weber and G. W. Anderson (from 5132).

Congratulations

Born to:

Mr. and Mrs. Al Riedel (1411) a son, Alec Anthony, on Dec. 8.

Mr. and Mrs. J. R. Ashcraft (5242) a son, Evan Lee, on Dec. 9.

Mr. and Mrs. R. L. Levesque (5243) a daughter, Marie Cecile, on Dec. 10.

Mr. and Mrs. R. W. Kuesthardt, Jr. (8223-3) a daughter, Jo-Ann, on Dec. 4.

Mr. and Mrs. Stewart Ingham (8123-2) a daughter, Lillian Ann, on Dec. 12.

Mr. and Mrs. Taylor Abegg, a daughter, Mary Marjorie, on Dec. 5. Taylor is temporarily assigned to Livermore Laboratory from Lawrence Radiation Laboratory.

Mr. and Mrs. Ed Gilbert (5125) a daughter, Claudia Jean, on Dec. 9.

Mr. and Mrs. Robert P. Stromberg (1322) a son, Joseph Benedict, on Dec. 16.

Mr. and Mrs. Elbert Elliott (4411) a son, Stanley Dwayne, on Dec. 14.

Mr. and Mrs. C. H. Treat (1232) a son, David Lawrence, on Dec. 4.

Sympathy

To Robert W. Male (5255-1) for the death of his father on Dec. 5.

To A. M. Fellows (3121-1) for the death of his mother in Iowa Dec. 8.

To Otis Short (4251) for the death of his mother on Dec. 9.

To Art Engquist (1431) for the death of his father in Chicago Dec. 16.

To Betty A. Spieler (3423-1) for the death of her father in Celina, Ohio, Dec. 5.

Ex-Sub Sailors See Newest Version of Undersea Craft

Three ex-submariners were among eight Sandians who toured the nuclear submarine Theodore Roosevelt at Mare Island Dec. 12 as guests of the Navy.

Gene Helz and Ken Foster (both 8161-2) and Truman Casson (8116-2) served aboard subs during World War II. With them on the tour were C. R. Barncord (8160), L. E. Davies (8150), F. J. Maloney (8163), M. E. Oliver (8163-1) and H. S. Bjorklund (8163-1).

Drummers Needed

Highland Pipers, local bagpipe band, is in need of experienced tenor and snare drummers. Those interested in playing should contact R. W. Williams (4344-2) at ext. 37238.



ALUMINUM SHAVINGS make a beautiful tree think members of Printed Circuitry Section 4233-3. Designers of the tree, (l to r) Pauline Selph, Dolores Smith and Virginia Miller, brought in Christmas ornaments and topped the tree off with a dainty angel. Harold Kutzley (1652) made the base for the novel tree.

Flammable Trees at Christmas Holidays Have Good Substitute

The ban on flammable trees and other holiday decorations within the confines of Sandia Laboratory set many a person a thinkin' to find a satisfactory substitute for pine boughs and ribbons.

Branches cut from styrofoam, trees formed from aluminum shavings and others created from bent clothes hangers covered and decorated were some solutions.

Several members of the Technical Library staff (3421) went a step further in their originality. Mary McClure created an entire village square from bread. The six houses, church and school have cake frosting, appropriately colored, for paint and roof shingles and chocolate squares form the doors and windows.

Dorothy Harrington used her artistic ability to snip out 14-inch-high tin angels that hold two candles. Other members of the staff helped make a three-dimensional large tree from newspaper and crushed green aluminum foil.

Getting Well

Dale Young (5126) is recuperating at home following recent surgery.

Get well wishes are extended to Neil Hansen (5220), who has been on the sick list.

Co-workers of Sue Matthews (8234-3) wish her a speedy recovery from a recent operation.

Sets Bowling Record

Dave Lange (8116-1) recently broke two records by rolling a three-game total of 688. He is top bowler for the Sandia Mixed League, and broke the previous three-game average at the Livermore Lanes. The next night at the Livermore Bowl he scored 168, 254 and 202 for a total of 624 points.

New Homes

Christmas in their new home at 6931 Edwina NE will be enjoyed by Marvin Coon (4152) and his family.

Jim Hyde (8116-3) spent a busy weekend recently when he moved his family to 3922 California Way, Livermore.

Ken Hall (4251-1) and his family will be enjoying the holiday season in their new home at 11204 Apache NE.

At Livermore moving into new homes in time for Christmas were: Gordon Van Gunda (8152-1) at 4294 Stanford Way; Roberta Cole (8232-2), a three acre ranch in Pleasanton at 550 Minnie, Box 292, and Jean Ullman (8114-5) at 5021 Van Noy Ave., Castro Valley.

Building Own Home

On Dec. 12 Hugh Odell (8121-3) broke ground for his new home at 303 Scott Street, Livermore. He will do a great deal of the work himself. He plans to move in about three months from now.

Square Dance Prexy

R. Stanley Howard (1284) has been named president of the Tri-Square-One Square Dance Club, which meets at 7:30 p.m. Tuesdays in the educational building of the Christ Methodist Church.

The club is expanding its membership and Stan or Henry Vermillion (AEC-ALOO), vice president, would like to hear from any person who enjoys square dancing or who is interested in learning.

Married

Congratulations are extended to Donald E. Hinman (4325-2), who was married Dec. 12 to Faye Pickens of Albuquerque. The evening ceremony took place at the Fruit Ave. Baptist Church. The couple is now at home at 310 La Veta Dr. NE, Apt. A. Don has been with Sandia about seven years.



ROCKHOUND Shirley Wells (8212-3) displays some of her several pounds of specimens collected on a recent desert vacation.

Rock Hound Vacationers Back Home With Weighty Mineral Collection

Shirley Wells (8212-3) has several hundred pounds of rock to show for her two week vacation spent in the Mojave Desert of California.

She and her husband, Bill, members of the Livermore Valley Lithophiles, took the 1700-mile trip to add specimens to their fast-growing collection of minerals. They were accompanied on their trip by the president and vice president of the club.

To haul the heavy load back from the desert they had to inflate

the rear tires of their camping truck with 70 pounds of air. Back now in Livermore they are busy spending their spare time cleaning and cutting many pieces of agate, jasper, Apache tears, Capinite, and Colemanite crystals found on the trip.

Rocks have fascinated Shirley for many years, but it wasn't until last year when she joined the local rockhound club that she became seriously interested in the hobby. Since then Shirley and her husband have learned to identify hundreds of specimens, heard lectures from experts and have taken field trips with other members of the club.

The Lithophiles meet the last Tuesday of each month at the Livermore Recreation Center. Persons interested in joining the group may contact Shirley for further information.

Engagement

Kathleen Brown (8212-3) and Robert Baldwin (8225-1) have an-



Miss Brown

nounced their engagement and plan a June 1960 wedding.

Kathleen has been with Sandia Corporation since last June and Bob went to work at Livermore in August.

Three Weeks in Europe

Helen (5131) and John Tolmie (5332) recently returned from a three-week trip to Europe. They visited Paris and cities in northern Italy and Germany. A three-day stay in London was climaxed by their return flight on a new jet airliner.

Flash-Bulb Burns

W. E. Taylor (5131) was the victim of an unusual accident in the pre-Christmas rush. He was holding a large, unconnected photo floodlight in his hands when for some reason it "flashed."

The bulb did not break, but the sudden heat caused burns on the palms of his hands.



Reba Garrison (4212)

Take A Memo, Please

Anything brittle, like glass, is breakable and anything breakable is a potential source of accidental injury. Handle brittle items with care.



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Sandia's Payroll, Purchases, Plant Value Show '59 Increase

Year end statistics of Sandia Corporation point to an increase in total payroll, in-state purchases and plant value.

Payroll for Sandia Corporation employees for 1959 will amount to \$57,600,000, an increase of almost \$5,000,000 over 1958's payroll of \$52,880,000.

Value of Sandia Corporation physical plant went up from \$74,262,000 in 1958 to \$87,196,000 in 1959.

Personnel of Sandia Corporation increased from 7380 to 7900.

Purchases by Sandia Corporation in New Mexico will amount to approximately \$11,000,000 for the calendar year 1959, compared with

\$8,100,000 for 1958. The figures do not include purchases from other AEC contractors in the state.

Approximately 96 per cent of the money spent, or \$10,600,000, went to Albuquerque firms. New Mexico suppliers doing business with Sandia Corporation numbered about 396. All except 40 of these are from Albuquerque.

IRE Names Two Sandia Scientists For High Honors

J. P. Molnar, president, Sandia Corporation, and Glenn A. Fowler, vice president, research at Sandia, have been named Fellows of the Institute of Radio Engineers.

The designation as Fellow is the highest membership honor offered by IRE and is bestowed only by invitation on those who have made outstanding contributions to radio engineering or allied fields.

Mr. Molnar was named a Fellow for his "contributions to gaseous and solid-state electron devices," and Mr. Fowler was selected for his "contributions to atomic energy instrumentation."

Presentation of the awards will be made by the IRE Albuquerque-Los Alamos Section at a dinner meeting at the Sandia Base Officers Club on Feb. 1, 1960.

Coronado Club Members Observe Holiday Season

Holiday spirit prevails at the Coronado Club where final arrangements are underway for the big cocktail party and dance on Dec. 26 and the gala New Year's Eve party.

The Dec. 26 event is the annual party sponsored by the Club with admission limited to club members. The party starts at 7 p.m. and Jack Shearing's orchestra will play from 8:30 p.m. to 12:30 a.m.

Tickets are going fast for the New Year's Eve party which will feature dancing to the music of Leigh Sprague's orchestra in the ballroom and Mike Michnovicz's combo in La Cana room. A New Year's breakfast will top the evening's activities.

On Jan. 8 the popular Social Hour will be resumed with dancing to Lloyd Pond's group from 5:15 to 6:45 p.m.



SNOWFLAKES partially obscure entrance to Sandia Laboratory's Administration Bldg. 800 during last week's 10-inch snowfall.



DIRECTOR Ellen Cunningham (8233-2) leads choir during traditional Christmas music program at Livermore's Presbyterian Church. Ellen has worked with choral groups since she was 18.

Ellen Cunningham Directs 80-Voice Livermore Presbyterian Church Choir

A mixture of traditional, modern and ancient Christmas carols was presented by an 80-voice choir at the Presbyterian Church in Livermore Dec. 18 under the direction of Ellen Cunningham (8233-2).

Ellen, an assistant librarian at Livermore Laboratory, serves as Director of Choirs at the Livermore church. She started her musical career at the age of 18 and her professional career has included performing, teaching and organizing musical groups.

The Christmas choir program was her first major presentation since she was named as one of 266 musicians in the current issue of *Who's Who of American Women*.

A native of New Mexico, Ellen worked at Sandia Laboratory in

will be held at Redstone Arsenal, Huntsville, Ala.

Albuquerque before moving to California in 1953. While in Albuquerque she helped organize and direct the Sandia Chorists. Her husband, F. B. "Sandy" Cunningham, received his 10-year pin this year. He is employed in Section 8123-1.

Sandia Authors To Read Papers At Conferences

Four scientific papers by Sandia Corporation authors will be presented at various symposiums and conferences during January.

W. E. Boyes (1590) and J. M. Wiesen (1592) will both present papers at the Sixth National Symposium on Reliability and Quality Control in Electronics to be held in Washington, D. C., Jan. 11-13.

Title of Mr. Boyes' paper will be "The Practicality of Predicting Reliability Numbers." Mr. Wiesen will present "Mathematics of Reliability."

John R. Bannister (5150) will present "The Impulse Tube" at a meeting of the American Physical Society in New York City, Jan. 27-30.

At the annual meeting of the Standards and Metrology Division, American Ordnance Association, Jan. 21, H. C. Biggs (1650) will present "Controlled Environment for Measurements." The meeting

Final Call for All Employee-Written Inflation Editorials

An editorial on "Inflation—Its Dangers to the Wage Earners" could be worth a \$25 U. S. Savings Bond to you.

The Sandia Lab News will give a \$25 bond for the best editorial submitted to the Lab News before Dec. 31. Entries must be received in the Lab News office, Bldg. 829, not later than the close of working hours on Dec. 31. Include your full name, organization and office telephone extension. The prize-winning editorial will appear in January.

All employees of Sandia Corporation below level of department manager are eligible to enter the contest except those in the Public Relations Division.



Kenneth A. Smith

Kenneth Smith New Director of 3400 Organization

Kenneth A. Smith has been promoted to Director of Information, Publications and Public Relations (3400), effective Jan. 1, 1960, succeeding L. J. Heilman, who was transferred to Director of Programming (2600).

Since April 1957 Mr. Smith has been manager of Employment, Personnel Testing and Staff Functions Department 3150.

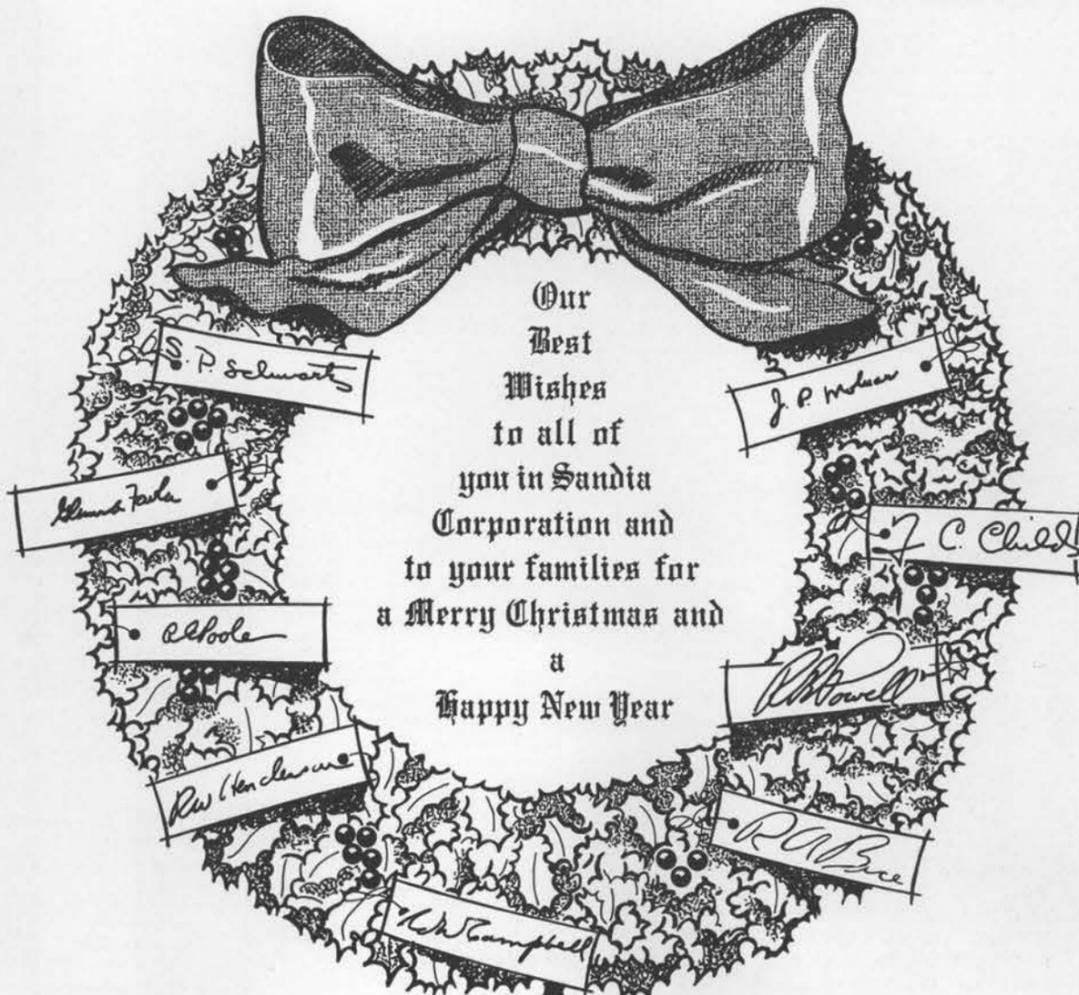
During his eight years with Sandia Corporation he has served as a section supervisor, division supervisor and for two years was Technical Superintendent Staff Representative for Glenn A. Fowler, then head of Field Testing.

Before coming to Sandia Corporation Mr. Smith was advertising manager for three years for the Coca-Cola Company in Milwaukee.

During five years with the De-foe Shipbuilding Company in Bay City, Mich., Mr. Smith worked in the fields of personnel and labor relations and was director of personnel at the time he left the firm.

He holds a Bachelor's degree in Business Administration from the University of Wisconsin.

Mr. Smith has been active in various community activities. Currently, he is a member of the Heights YMCA Board of Governors, serving as chairman of the Program Policy Committee and as a member of the Health Education and Building Fund Committees.



Christmas Season 1959

"If only the Spirit of Christmas would last throughout the whole of the year...."



UPPER LEFT:
Frank Lesperance (4513)
and his family observe the
birth of Christ in Sacred
Heart Church

TOP CENTER:
Small puppy emerges
from Christmas
stocking to greet
Dana, small daughter
of Ben Bader (1283).

TOP RIGHT:
Family of Vern
Henderson (1247)
with shining
backdrop of Christmas.

LOWER LEFT:
New Mexico - Christmastime.

LOWER CENTER:
New Mexico - Wintertime

LOWER RIGHT:
Santa Claus
talks with son
of Bob Noel (1218).



SEVEN YEARS AGO this worm and other expressionless worms provided the basis for Jake Young's worm farm. Today the prospering business has wiggled its way into fishing and gardening uses.

Since August 1952

Three Million Earthworms Produced By Jake Young's Home Industry

About three million worms ago, the Sandia Lab News (Aug. 15, 1952) carried a feature story about Jake Young and his earth worm farm.

All through the summer satisfied fishermen with full creels gave evidence of the popularity of these home-grown wigglers. This is the follow-up story of how Jake's worms have fared.

"Well," said Jake, "you remember I said I hoped to build up an annual herd of 200,000 worms? That's just a drop in the bucket now. Last year the figure was closer to a million."

This home industry was started by the Young's son in 1948 as a way of earning spending money. Jake (who works in 4253-1) soon was needed to help. Now he has a partner who cares for the grown worms in a yard at 1135 Sunset Rd. SW while Jake manages the breeder house in his Heights garage—air conditioned and/or heated so the tiny wigglers will be comfortable.

Harvest Crop

Both families are on hand to harvest the crop (100 worms to the can) during the height of the fishing season. "Our worms travel to the best fishing streams; however, we do sell worms to a chemist for biological study, to gardeners for soil culture and to one woman for her parrot," Jake explained. "We also furnish lots of worms for the annual Cerebral Palsy Fishing Derby."

The New Mexico Earthworm Farm, as the joint enterprise is known, is the largest and only city, county and state licensed establishment of its type in the state "as far as we know," according to Jake.

Their assortment includes red wigglers, African red worms, natives, mountain worms and other varieties. Night crawlers are missing from the list. "That's why," said Jake, "they're always missing. Just won't stay in one place long enough to be commercially productive."

During winter the worm beds are sunk in the ground and mulched down. The worms continue to feed all winter on sugar beet pulp, leaves, in fact anything once alive that is now dead.

Jake continued, "What I like about worms is that right now I

know they are growing and multiplying for me. Next I'm going to branch out into enriched soil for potted plants. . ."

Ah, pity the poor overworked worm!

Supervisory Appointments

MORRIS W. MOTE, JR., to supervisor of the Inorganic Materials Section 8115-1, Livermore Laboratory

Morris started work at Livermore Laboratory in April 1959 in the Materials Support Division 8115. Before joining Sandia he spent eight years doing research

work on the development of metals and alloys and processes at the Denver Research Institute and Battelle Memorial Institute, Columbus, Ohio.

A graduate of the Colorado School of Mines where he received his Bachelor's degree in metallurgical engineering in 1949, Morris is a member of the American Society for Metals and the American Institute of Metallurgical Engineers.

DONALD E. GREGSON, to supervisor of the newly-created Project Engineering Division 8142, Livermore Laboratory.

Don joined Sandia Corporation in 1952 and transferred to Livermore in May 1957. He was appointed supervisor of Section 8141-2, Preliminary Analysis Division,

in November 1958.

Before joining Sandia Don attended Iowa State College, Ames, Iowa, where he received his Bachelor's degree in electrical engineering in 1952. He is a member of American Institute of Test Engineers, the Institute of Radio Engineers and Eta Kappa Nu.

Two Sandians Present Program on Computers For Riverside Students

D. K. Robbins (3453) recently presented a two part program to mathematics students and faculty of the University of California, Riverside. "Computers and Their Application," a discussion of computer programming and application to various problems, was the title of one session.

The second session was entitled "Computers — Past, Present and Future" and included a slide presentation. Lon Mahuron (3453) assisted during the question and answer period that followed.

C. H. Maak Speaks

A speech entitled "A Brief Discussion of Sandia Corporation and Some of Its Work in the Field of Materials and Processes" was presented by C. H. Maak (1621-1) before the Aerospace Research and Testing Committee of the Aerospace Industries Association at Palo Alto, Calif., on Dec. 4.

Promotions

Curtis Anderson (4233) to Assembler
Eddy D. Cooke (4231) to Technician
Carol L. Bowerman (3126) to Steno Clerk
Phyllis B. Preston (4135) to Invoice Clerk
Lucretia M. Blum (4135) to Invoice Clerk
Theresa F. Phelps (4152) to Acctg. Clerk
Don V. Tassano (8223) to Technician
Bonnie S. Emery (8212) to Typist-Clerk
Christie Hills (8212) to Typist-Clerk
Milton E. Morris (5536) to Technical Asst.
Freddie A. Bartel (5536) to Technical Asst.
Robert H. Austin (5536) to Technical Asst.
R. L. Terwilliger (5536) to Technical Asst.
Bobby L. Schmedeman (1611) to Staff Asst. Tech.

Donald E. Fielseth (1621) to Staff Asst. Tech.
Louis F. Narvaiz (4132) to Staff Asst. Admin.
N. Carroll Lowe (4543) to Staff Assoc. Tech.
Donald D. Schurr (4233) to Assembler
Orville T. Schurr (4513) to Cabinet Maker
Granville L. Dourte (4231) to Layout Technician
M. L. Huelsewede (3126) to Secretarial Typist
Cynthia B. Davis (3126) to Secretarial-Steno
Jean H. Ramshaw (3126) to Secretarial-Typist
Ruth S. Braasch (3126) to Tab. Eqpt. Optr.
James K. Fielseth (3461) to Tab. Eqpt. Optr.
M. Joann Mitchell (3461) to Tab. Eqpt. Optr.
Jerry T. Cole (1615) to Data Reduction Clerk
L. M. Batterton (4135) to Acctg. Clerk
Arthur Castillo (4153) to Acctg. Clerk
Orton W. Benson, Jr. (4152) to Accountant
Isaac R. Griego (4153) to Accountant
William J. Brown (8232) to Ozalid Optr.
John D. Seuser (8223) to Technician
Sallie G. Robertson (8212) to Secretarial-Steno
Esther D. Rickert (8212) to Secretarial-Typist
Lorraine A. Terrill (8232) to Mng. Center Eqpt. Optr.

Dwayne Pool (8232) to Mail Clerk
Mary E. Cunningham (8233) to Library Asst.
Elizabeth A. Reece (8161) to Service Clerk
Hildegarde E. Cutts (8161) to Service Clerk
Doris R. Davis (8212) to Secretary
Don S. Corder (8224) to Office Eqpt. Investigator

Jack Carnahan (4514) to Electrician
Doris M. Welch (3461) to Schedule Clerk
Joyce L. Paul (8213) to Acctg. Clerk
Ronald E. Brooks (4211) to Staff Asst. Tech.
C. Trujillo, Jr. (3452) to Staff Asst. Admin.
Linda L. Wrhel (3421) to File Clerk
Antonio Silva (3452) to Tab. Eqpt. Optr.
Virginia G. Epps (8213) to Financial Clerk
Eleanor R. Dadian (8224) to Catalog Compiler
William D. Feldman (3461) to Staff Asst. Admin.

Julian P. Sanchez (2632) to Staff Asst. Admin.
George F. Romero (4212) to Material Handler
Archie M. Sorley (2723) to Instrument Tech.
Erika B. Adams (3126) to Secretarial-Typist
Virginia R. Kinney (3464) to Teletypewriter Optr.

M. M. Domolecny (4135) to Invoice Clerk
Anna S. Henry (4135) to Invoice Clerk
Thelma N. Carpenter (4423) to Record Clerk
Lyle Wetherholt (1611) to Data Reduction Clerk
Dorothy J. Saiz (3452) to Senior Clerk
Sue B. Propst (2561) to Data Reduction Clerk
Jerald W. Long (5241) to Data Reduction Clerk
Peggy J. Flindt (8114) to Record Clerk
Lillian C. Sprague (8114) to Typist
James E. Uhl (1612) to Laboratory Asst.
Marilyn H. Little (1330) to Secretary
Beatrice V. Haines (5320) to Secretary
Mary L. Milatz (8114) to Service Clerk
C. E. Justice, Jr. (1612) to Laboratory Asst.

Supervisory Laterals
J. W. Gallbreath from 3121 to 3151
L. L. Motchko from 2234-2 to 4252-7
M. L. Shannon from 5534-4 to 1611-1
C. A. Wells from 5534-3 to 2732-3
C. F. Zickert from 5512-1 to 3452-5
H. A. Walters from 5512-2 to 3452-6
G. P. Barnett from 1611-1 to 1611-4
W. M. Anderson from 2723 to 2712
C. L. Janus from 2723-3 to 2712-2
W. E. Henry from 2723-2 to 2712-1
J. M. Gustafson from 2711 to 2721
S. L. McCammon from 2721 to 2724
L. Browning from 2711-6 to 2722-3
E. R. Lopez from 2711-5 to 2724-1
J. N. Ballentine, Jr., from 2722-5 to 2724-3
H. V. Riley from 2711-2 to 2722-1
W. L. Paxton from 2711-3 to 2724-4
O. D. Chapman from 2722-1 to 2724-2
J. R. Ames from 1423-3 to 1424-3
C. R. Alls from 1422-2 to 1422-3
P. H. Berg from 1422-3 to 1423-2
C. R. Blaine from 1423-1 to 1424-2
E. I. Bruce from 1311 to 1217
C. L. Carpenter from 1217 to 1285
R. W. Crain from 1423-2 to 1423-1
A. W. Fite from 1264 to 1423
J. J. Kane from 1285 to 1245
B. J. Lawrence from 1423-4 to 1422-2
C. B. McCampbell from 5232 to 1313
J. L. Miller from 2221-1 to 2226-1
R. L. Peurifoy, Jr., from 1245 to 1264
J. M. Phillips from 2552-4 to 2551-3
G. W. Rodgers from 1423 to 1424
N. Sannella from 1422-5 to 1423-3
R. D. Wehrle from 1313 to 1311
L. J. Heilmann from 3400 to 2600
L. M. Jercinovic from 3440 to 2640
H. M. Willis from 3442 to 2641
R. P. Kelly from 3441 to 2642
D. R. Weldon from 3443 to 2643
D. M. McKnight from 3444 to 3424
H. T. Stump from 3445 to 3425
B. W. Scott from 3446 to 3426
L. D. O'Neal from 3447 to 3427
C. B. O'Keefe from 3448 to 3428
L. J. Paddison from 1500 to 2400
T. F. Marker from 1520 to 2420
E. L. Deeter from 2540 to 2440
W. C. Kraft from 2550 to 2450
P. W. Callies from 2551 to 2451
D. W. Wader from 2553 to 2453
R. C. Gauerke from 2552 to 2534
C. E. Fosters from 1423 to 2565
W. E. Boyes from 1590 to 1440
H. C. Biggs from 1650 to 2750
B. S. Gardiner from 2551-3 to 2553-1
R. Lord from 2251-2 to 2222-1
H. W. Gentry from 2234-1 to 2252-2



HAPPY TASK of fitting shoes on children from River View Elementary School was undertaken by R. D. Brooks (5331) and others from Department 5330. Sandians in 5330 contributed money for purchase of 25-30 shoes at reduced rate at local shoe store. School Principal Desi Baca designated the children needing them most.

Final Chapter for 1959

Sandians Continue Christmas Giving to Needy Families

Boxes of food, toys and clothing are heaped in many Sandia offices today awaiting delivery to less fortunate families during the holiday season.

Typical is the "good will" Christmas Charity project of Manufacturing Development Systems Engineering Department 2530. Project committee members are H. C. Olson (2531-1), J. H. Leroy (2532-1), F. T. Hansen (2532-2) and Richard Kidd, Jr. (2533-2). They have written a letter to each member of 2530 asking for food, money and clothing for a needy family with 12 children. The father, unemployed, speaks no English and has no trade. The children are all undernourished, some are sick and practically without clothes. The family lives in one room, without utilities and with only a wood-burning stove for cooking and heating. The department's slogan is "Sharing our blessings will make a happier Christmas for all of us."

Following the custom of previous years, members of Electronic Component Development organization 1400 are donating to a charity fund the sum of money normally spent in exchanging Christmas cards with friends at the Corporation. Pete Komen (1422) is serving as treasurer and the contributions will be divided equally between the Catholic Charities of Albuquerque and the Salvation Army.

Employees of Technical Information Division 3423 will again spread their contributions among

Helen Lautner Retires Dec. 31

Retiring from Sandia Corporation on Dec. 31 will be Helen Lautner, who has handled the book-keeping for on-base housing in Division 4151 since the job was established.

Mrs. Lautner has been with Sandia Laboratory close to 12 years but she first came to Sandia Base in 1943 as a Civil Service employee.

A native of Kalamazoo, Mich., Mrs. Lautner admits "I've seen enough of snow" and she plans to continue residing in Albuquerque at 2002 Silver SE. A married brother, also living here, helps make New Mexico seem more like home. The needy children living in the region east of the Sandias. Their contributions will include clothing,

toys and money to be used to purchase vitamins and hot school lunches.

The Medical organization 3300 has chosen to help a family living in the South Valley. The parents and five school age children have sufficient food but lack clothing. The Sandians also hope to get tires for the boys' bicycles and a tether ball.

With recent reorganizations and transfers the former members of Division 2711 are scattered, but they have joined together for a Christmas Charity Project. Their assistance will go to St. Anthony's Boys Home.

Central Record File Section 3431-3 is adopting a family for Christmas, the name of which was obtained through Beta Sigma Phi. The mother is dead and the father is trying to provide for the six children, ages 5 through 17. The Sandia group will furnish food, clothing and toys.

Members of Technical Art Division 3463 are also "adopting" a family and will provide groceries and other necessities.

Library Section 3421-1 elected to contribute money to the Albuquerque Library Association for its scholarship fund and to the All Faiths Receiving Home.

Auxiliaries Engineering Department has collected money which will be sent to the Christmas Fund of the Department of Public Welfare with the contribution earmarked for needy children. Committee for this project includes Lynn Fisher (1283), R. M. Halsey (1282), W. P. Hurley (1283), R. J. Kindley (1284) and Walt H. Suieter (1285).

Instead of exchanging greeting cards members of Wage and Salary Administration Department 3110 are collecting money to buy toys, food and clothing for a needy family. This same family of five has been helped for two years. The husband has been ill and the wife takes in washing and ironing.

Personnel Development Division 3121 is using money collected from their "coffee jug" and candy fund, which through the year has reached \$95, and will aid those at the Bernalillo County-Indian Hospital and All Faiths Receiving Home. Large boxes of clothing, toys and books have also been donated for this charity project.

Sandia's Safety Record

Sandia Laboratory Has Worked 5,625,000 Man Hours Without a Disabling Injury

Livermore Laboratory Has Worked 2,483,900 Man Hours Without a Disabling Injury

Irl V. Beall To Retire Dec. 31

Irl V. Beall, a security inspector at Salton Sea Test Base, will retire Dec. 31.



Mr. Beall has been with Sandia Corporation nearly six years. "I have nothing particular planned after retirement," he remarked, "except maybe take it easy."

His home address will continue to be 627 Barrett Court, Brawley, Calif. Mr. Beall has one son, currently serving in the U. S. Coast Guard.

D. B. Thomas to Retire This Month After Long Service

David B. Thomas, a mechanical inspector in division 2722, will retire Dec. 31 after 11 and a half years at Sandia.



Mr. Thomas has quite a few plans for the future. He and his wife live on three acres of land in the South Valley (1703 Valverde Rd. SW) where they raise a few calves and pigs and have a big garden. Roses are a specialty.

Fishing is also a popular pastime with Mr. Thomas and later they plan to travel.

The Thomas' two sons and three grandchildren also live in Albuquerque: Harold works for the Corporation (2722) and Elton is in insurance business.

Sanado Club to Have As Guest Well-Known Author Barbara Hooten

The Sanado Club will entertain Barbara Hooten, author of "Guestward Ho!" and a new TV series, at a luncheon Jan. 5 at 1:45 p.m. at the Concepcion Club.

Introductions will be made by W. H. Puder (2631), writer of magazines in "Sage" and "True" and president of the Albuquerque Chapter of the Society of Technical Writers and Editors.

Mrs. P. H. Dailey is general chairman in charge of decorations under Mrs. J. C. Hart. Reservations are due by Dec. 31 to Mrs. Douglas Ballard or Mrs. M. A. Richter.



Employees Being Encouraged to Slim-Down Those Classified Files

The old year out 'n the new year in!

So, now's the time to make resolutions.

We recommend that all Sandia employees clean up the clutter in the files. Especially the classified files.

If you don't know how to write your resolution, the Document Security and Investigation People have done it for you:

"Resolved: my accountability station will never be burdened with unused, out of date or surplus paper."

How do you keep that resolution? Simply dispose of those unwanted classified documents by destruction or, if the document has only infrequent use, place it in archives.

Make your resolution and live happily with it. Dispose of those pieces of paper that are just memories of bygone projects, spectacular successes, things that may have been once vital but now are history.

Unpack those files—clean up the clutter. The New Year, and you, will be better for it.



JEAN ENGEL (1423) displays one of the posters which have been placed on Sandia's bulletin boards to publicize the campaign for a year-end clean up of accumulated classified files.

Nicholas Vytlacil 'Final Retirement' To Be This Month

Nicholas Vytlacil, supervisor of Employment Division 3151, will retire Dec. 31 after nine years with the Corporation.



"This is my final retirement," said Mr. Vytlacil, a retired Navy Captain.

Mr. and Mrs. Vytlacil plan to make the Southwest their headquarters as they like the sunny weather and elbow room. One trip in the offing is to Mexico and Yucatan to explore the many ruins in those countries. Accompanying them would be their daughter, an anthropologist in Santa Fe. They also have a son who is working on the Polaris missile.

Later the Vytlacils would like to visit Japan and then travel around the world on a cargo ship.

The Vytlacil's present address is 1513 Escalante SW.

Homer W. Baldwin To Retire From Sandia This Month

Homer W. Baldwin, who has operated Sandia's Safety Store (3211) for the past six years, will retire Dec. 31.



Mr. Baldwin has been with Sandia since September 1949 in personnel, production engineering, and office equipment work before joining the Safety Engineering Department.

In January he and his wife Ilva (3126-5) plan to fly to Tampa, Fla., to visit a married daughter. A second daughter, Jane, who formerly worked at Sandia, lives in Taos. The Baldwins have six grandchildren.

Mr. Baldwin plans to devote a lot of time to golf and to his hobby of studying copyrights and patents. The Baldwins live at 4309 Marquette NE.

Service Awards

15 Years



R. A. Bice 2000 Jan. 3, 1945

10 Years



Olive M. Barwick 3153 Dec. 23, 1949



Mario C. Ryan 3462 Dec. 27, 1949



James J. Kane 1285 Dec. 27, 1949



Julian Silva 2251 Dec. 27, 1949



Cleo L. Gomel 5541 Dec. 28, 1949



John E. Miller 8211 Jan. 3, 1950



Ralph S. Wilson 1240 Jan. 3, 1950



George D. Andrews 4212 Jan. 5, 1950

Five Years

Dec. 26-Jan. 8
Charles W. Sargent 3421, Juan A. Doyen 8114, Francis J. Macek 5521, John W. Wood 2711, John A. Lynn 4231, Elmo J. Whitmore, Jr. 4411, Louis A. Joseph 5231, Mary E. Placek 2730, Paul E. Luers 5544.
H. E. Montgomery 1622, Jacob C. Bernal 2227, Raymond L. Kollman 4151, Owen G. Lockwood 3443, Loyd L. Keller, Jr. 1246, M. Katherine Weston 5126, John H. Morgan 2532, L. B. Desaulniers 5322, George B. Roberts 4422.
Donald M. Bush 1311, Robert J. Crouse 5545, Roy J. Wilcox 8114, Earlene W. Brinegar 3421, Cleo Westmark 3466, Frank Alden 2544, Ernestine G. Riggs 4320, Helen P. Anderson 4431, M. Elizabeth White 4131.

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
KITCHEN DINETTE SET w/4 chairs, gray table top & gray seats, \$35. Westmark, 2716 Pennsylvania NE after 5 p.m.
LIONEL TRAIN, engine, 5 cars, remote control uncoupler, 2 remote control switches, mounted on table, \$40. Kulterman, ext. 48167.
DISHWASHER, Magic Queen, for 8 inch faucets, 1 year's supply of soap; best offer. Johnson, AX 9-1057.
DINING SET, Mission Oak, \$95; Maytag, aluminum tub w/pump, 2 stationary tubs, \$50; girl's figure skates, size 8, \$5. Brunacini, DI 4-6831.
3 BRM HOME, 1 1/4 baths, large den, 2 fireplaces, central heat, 1930 sq ft., priced at appraisal value, \$22,500. Kodel, AL 6-0096, 2904 San Rafael SE.
'57 CRUISE SAIR SCOOTER, windshield, speedometer, recently painted, \$250 or best offer; baby scale, Detecto beam-type, \$7.50 or best offer. Voth, AX 9-1448.

COCKTAIL DRESS, green satin, size 10, \$7.50; champagne colored dress, size 10, \$10. Wickham, 3046 33rd Pl., Sandia Base, after 5 p.m.
BABY-PULLMAN, converts from car bed to play area, fits 4-dr. sedan; 6 bottle electric sterilizer; toilet trainer. Miller, AL 6-6020.
GERMAN 35mm PRACTO Enlarger, Stern-keil Munchen Cassar F3.5 50mm lens, \$50; other dark room accessories. Healy, DI 4-8378, 4717 Palo Duro NE.
'57 MOTORCYCLE, Triumph Cub, \$325 or offer considered. Frank, AL 5-2453, 422 Carlisle, S.E.
MOTORCYCLE, I.N.U. 250 cc, German-made, motor just overhauled, \$395 or terms. Flanagan, AX 9-4268, 9014 Matthew NE.
DRESS SHOES, pair men's brown, size 12 A, worn twice; playpen; bottle sterilizer. Schaefer, AX 9-7558.
BICYCLE, girl's 20 in. Schwinn. Ault, AX 9-2054.
POOL TABLE, 3' 4" x 7 ft. over-all, \$65; Bendix washer, \$55; B flat Clarinet, Normandy w/case, \$65; microscope, 3 lens, \$8. Brown, AL 5-0566 after 5:30 p.m.
4 BRM HOME Bellamoh, 1 1/4 bath, fireplace, walled, landscaped, AC, Princess Jeanne Park, low down, \$16,960. Robison, AX 9-6328.
'51 MERCURY right front fender w/moulding & headlight assembly and right half of grille. Hole, AL 5-9255.
HALLICRAFTERS S-40 Ham receiver w/central electronics "Q" multiplier, \$45. Laskar, AX 9-1024.
BLUE GUINEAS, one pair, \$5. Davis, CH 3-2060.
LABRADOR RETRIEVER, 15 mos., house-broken, good watch dog, ready to train for hunting, \$50. Over, AL 5-9459.

NEXT DEADLINE FOR SHOPPING CENTER ADS Thursday Noon, Dec. 31

GOLF CLUBS, Kroydon, Tommy Bolt set of 9 irons & 4 woods, never used; engagement ring, 3/4 carat, priced to sell. Ruff, ext. 4-8190.
TARGET HAMMER, S&W K-38 heavy-weight target masterpiece, \$55. House, ext. 4-8260.
HOMEBREW TRANSMITTER, 75 watts all band, novice rig, new tubes, power supply, two relays, ten crystals, \$50. Goncher, AM 8-1360.
'58 4-DR. RANCH WAGON, 6 cyl., over-drive, Fife, BU 2-3214 or ext. 2-6136 between 12 and 1 p.m.
HEATHKIT FM-3A TUNER, \$17.50. Reineke, ext. 4-5243.
3 BRM BRICK HOFFMAN, 1 1/4 baths, AC, carpet, barbecue, fishpond, sprinklers, corpet, drapes, \$16,500, assume GI; will sell furnished. Bascom, AX 9-1662.
GIBSON GUITAR & Bigsby tremolo, hard shell case, 12 in. center amplifier, \$295. Anglin, DI 4-0517.
UTILITY TRAILER, 2-wheel, \$35. Garrison, DI 4-2023 after 5:30 p.m.
CAMPING TRAILER, 15 ft., '59 model Mercury deluxe, used only 12 days, cost \$1195, sell for \$975. Skender, CH 7-4555.
'58 FREEZER, upright, 22 cu. ft. Westinghouse, sealed unit, \$285. BACA, AL 5-8452.

FRENCH PROVINCIAL COUCH, made by Pullman, recently recovered, \$150. Frankel, AM 8-0100.
OLD MANGLE IRON, practically worthless, former price \$5, reduced to \$1.38. Weir, AX 9-1160.
WASHING MACHINE, Wondertub; baby carriage; baby highchair & stroller; any reasonable offer accepted. Ricker, AL 6-2678.
ENCLOSURE for 12 in. speaker, cabinet w/built-in AM-FM tuner, space for amp, changer & record storage, \$80; will sell separately. Longfellow, AL 5-5334 after 5 p.m.
HI-FI Speaker enclosure, mahogany, electronic crossover, preamplifier, stereo adapter, stereo preamplifier, AM-FM tuner, convertophone, slide viewer projector. Hendricks, CH 2-0135, 619 Spruce NE.
RIFLE, Remington semi-auto, .30-06, deluxe model w/Bear Cub scope, priced \$100 below cost. Pappas, AM 8-0781.
3 BRM HOME, near Sandia High, 2 baths, carpeted, patio, landscaped, attached garage, walled, utility area. Padilla, AX 9-4043.
SPEED BOAT, 14 ft. Wagemaker "Wolverine" w/shop made trailer. Hanks, AM 8-1138 after 5:30 p.m.
COLLIERS ENCYCLOPEDIAS, 20 volume children's classics w/bookcase, \$140; single action Colt 45, \$95; girl's 20 in. bike, \$25. Burdige, ext. 4-4288.
ROLLAWAY BED, \$20. Bode, ext. 42176.
BOSTON TERRIER, female, 2 years old, AKC registered, ideal Christmas gift. Bone, AX 9-3565.
PROPANE TANK, 185 Gallons, used less than one year, \$185. Elliott, DI 4-4081.
UTILITY TRAILER 4 x 7 ft., new tires and paint, reinforced tongue, double floor. Cummings, AX 8-0217.

FOR RENT
1 BRM APT., furnished duplex, water and garbage paid, \$65. 621 Chama SE. Lockwood, CH 2-9429 after 5 p.m.

LOST AND FOUND
LOST: Girl's tan topper w/2 buttons; boy's maroon & clear prescription glasses; string of pearls; prescription safety glasses; man's overcoat; 4 strand plastic type grey bead necklace; gold cuff link. Lost and Found, ext. 26149.
LOST: TIRE CHAIN, size 7:50 x 17 on night of Dec. 14 near Sandia Base. Christopher, Ext. 36232.
FOUND: 300 ft. tape near Area 3; 2 keys on chain; 5 keys w/yellow tag "Ralph"; brown leather fur lined gloves; ladies black gloves w/bead trim; brown knit gloves w/bead trim; Corporation white leather work gloves. Lost and Found, ext. 26149.

WANTED
TO RENT a storage room. Bascom, AX 9-1662.
CHILD CARE in my home, will be companion for my 3 year old, near both bases, \$10 per week. Barley, AL 6-0837.
A ROLL TOP DESK in good condition. Edmondson, ext. 3-8275 after 5:30 p.m.
OLDER 1/2 TON PICK-UP, good running condition, reasonable price. Ross, AL 6-4861.
RIDE to Los Angeles; leave late 24th or 31st; return Mon., 28th or Jan. 4; consider other dates. Fernandez, AL 6-9886.

FOR SALE AT LIVERMORE
RADIOS, Transoceanic Zenith, \$75; Motorola transistor, \$30. Myers, HI 7-3973.
'59 PONTIAC Catalina, 2-dr. sedan, R&H tinted glass, 325 hp, straight stick; '39 Ford coupe. Darmach, HI 7-3795.

January 1 Climb Scheduled by Club

If the great outdoors beckons you bright and early New Year's Day, the New Mexico Mountain Club will be happy to oblige with the companionship of others so inclined.

The 1960 club calendar will start Jan. 1 with the annual slosh up La Luz trail to Sandia Crest. The weather is guaranteed to be brisk and breezy — summit challengers will probably just be wheezy.

Maximiliano Contreras Dies December 6

Funeral services in Albuquerque were followed by burial in Contreras, N.M., Dec. 9 for Maximiliano P. Contreras, 48.



Mr. Contreras had worked at Sandia since June 1950 and was a material handler in section 4574-1. He died Dec. 6.

Survivors include his widow and three children.



TECHNICAL BRIEFINGS were held at Sandia Laboratory last week for members of the Joint Congressional Committee for Atomic Energy. Shown here prior to leaving for a tour of Area III are: (l to r) F. C. Childs, general attorney; R. A. Bice, vice president, engineering for manufacture; D. R. Toll, Committee staff member; Charles C. Campbell, manager of the AEC Sandia Area Office; C. W.

Campbell, vice president, administration; K. F. Hertford, manager of AEC-ALOO; Rep. W. H. Bates, Massachusetts; G. A. Fowler, vice president, research; Sen. W. F. Bennett, Utah; J. P. Molnar, Sandia Corporation president; R. W. Henderson, vice president, development; G. J. Keto, assistant director of administration, DMA, and S. P. Schwartz, vice president and general manager.

Sandia's Year Was Eventful — Here Are Some 1959 Highlights

If you have a short memory and find it difficult to recall events of 1959 you will enjoy this recapitulation of the year at Sandia.

In addition to these highlights, the Sandia Lab News reported that 636 employees were promoted, 79 employees entered supervisory ranks, 306 children were born to Sandia families and 38 employees retired.

All the news that fit was used in the Lab News in 1959 and this filled 188 pages.

January

Team of Sandia scientists and engineers is participating in low-yield small underground detonations of conventional high explosives at Nevada Test Site. Goal: to obtain scaling data for use in Plowshare program.

Many participate in "Great Decisions," foreign relations discussions, offered here for first time.

Albuquerque digs out from 12 inch record snowfall.

February

Livermore Laboratory holds open house for employees' families, high school science classes, press representatives and Lawrence Radiation Laboratory employees. Event drew 3,100 visitors.

Dr. Mervin J. Kelly, president of the Bell Telephone Laboratories 1951-58, retires. He was instrumental in founding Sandia Corporation and influential in guiding its scientific and technological growth and development.

March

Contract awarded for last stage of \$600,000 expansion program for Wind Tunnel facility.

R. G. Luckey named Comptroller to succeed J. M. Campbell, who retired.

A. B. Goetze, Western Electric Company president and member of Sandia Corporation Board of Directors, died.

April

Construction contract for \$1,808,643 awarded for Sandia Engineering Reactor Facility in Area III.

Sandia participates in Project Argus, high altitude nuclear blasts above the South Atlantic. Responsibilities included mating nuclear devices and firing and fusing systems with experimental rockets and providing technical services during the actual firings.

Eighth Award of Honor from National Safety Council presented Sandia for 1958 record. Livermore Laboratory is honored by AEC Award of Merit for 1,000,000 man hours without a disabling injury.

Motion Picture Division, last occupant of the "West Lab," completes move to Tech Area.

Sandia Laboratory's first family day attracts 15,000 visitors: Sandia and AEC employees and their families. Facilities of five major buildings were open to all visitors.

May

Expansion of field test facilities at Tonopah Ballistics Range in Nevada is announced. Included will be concrete target pad, camera and instrumentation stations, maintenance buildings and additional roads.

IRE regional conference program has visit to Area III, Sandia keynote speaker and technical paper presentation by four other employees.

Armed Forces Day marks formal opening of "Sphere of Science" in geodesic dome. Exhibit shows examples of Sandia's scientific work in fields of mathematics, physics, engineering and optics.

Livermore Laboratory receives praise from Bureau of Ordnance for work on Polaris warhead.

Former Sandia President D. A. Quarles dies suddenly in Washington, D. C.

R. A. Bice named Vice President, Engineering for Manufacturing, replacing H. N. Snook, who was transferred to Merrimack Valley Works of Western Electric.

June

Other promotions announced: Don B. Shuster to Director of Field Testing, W. C. Scrivner to Director of Inspection and H. E. Lenander to Director of Electromechanical Component Development.

F. C. Childs named General Attorney succeeding Kimball Prince, new General Attorney of Bell Telephone Laboratories.

F. J. Given, vice president, administration, dies after a short illness.

July

New two year labor agreements signed between Corporation and Metal Trades Council and Office Employees Union.

R. B. Powell appointed Vice President, Personnel, and C. W. Campbell becomes Vice President, Administration.

Sandia's major role revealed in Teak and Orange, America's first high altitude megaton-size nuclear weapons effects tests.

Pilot group named for advanced technical development program for new staff members.

Permanent office set up at Tonopah Ballistics Range. Former air force facilities at Dalhart, Texas, are used for drop testing until Tonopah construction is completed.

August

Improvements made in sick leave plan.

Educational Aids Program enters fourth year with 500 em-

ployees registered. Evening School offers 54 classes.

Wernher von Braun of Army Ballistics Agency says Sandia-developed chaff rockets have been used in support of a Jupiter missile test at Cape Canaveral.

September

Livermore Laboratory raises \$9,360 in three-day United Crusade Drive.

Guards Union and Sandia Corporation sign new two year agreement.

New Mexico State Fair opens with Sandia's "Sphere of Science" and continuous showing of color film "The Sandia Story" popular attractions.

First Imperial Valley United Fund drive conducted at Salton Sea. Employees give \$803.

October

Third annual Sandia Corporation Employees Contribution Plan raises \$120,000 for 32 health, charitable and welfare agencies.

November

Sandia Corporation marks 10 years in the nuclear weapons program.

All time record of 116 days worked without disabling accident at Sandia Laboratory.

Technical Development Program slated to begin in June 1960 for 80 top electrical and mechanical engineering graduates coming to Sandia.

Reopening of Health Care Plan results in enrollment of 954 employees not previously covered.

December

K. A. Smith promoted to Director of Information, Publications and Public Relations.

Installation of technical and laboratory equipment begins for new Materials and Standards Laboratory Bldg. 861. Full occupancy set for March 1960.

Sandia Corporation worked 158 days without a disabling injury.



COMMUNIST CONFLICT with democracy was discussed in detail last week by Dr. Stefan T. Possony (left), political science professor at Georgetown University, at a meeting of the Sandia Research Colloquium and at a special security lecture. Also shown are Ed Long (3422), center, and Craig Hudson (5113), chairman.



MASS PRODUCTION of the special luminarias for Bldg. 800 decoration is shown above. In the foreground Silas Shane (4511) works on an electrical connection while Reynel Garcia (4513) attaches lights to the wooden base in background for waterproof luminarias.

Now You Can Do It Too . . .

Explain Mechanics of Electrified Luminaria System Used This Year

Luminarias and special lighting effects for decorating Bldg. 800 this holiday season were made by carpenters and electricians of the Plant Maintenance Department. Last week a production line set up in Bldg. 887 turned out 100 unique flameproof luminarias.

Utilizing 10-watt electric light bulbs instead of traditional candles, the luminarias were constructed from a small circular plywood base with a center hole for the electrical connection.

A wire and plastic screen was wrapped around the base and se-

cured. The screen measured about 10 inches tall and was sprayed with tan paint.

Wires to the luminarias were placed in a grooved 1 x 6 in. plank. Electrical connections for the lightbulbs were placed about every six feet on the planks and the luminarias attached. The planks were mounted to outline four levels of Bldg. 800.

The lights will be turned on each evening through Jan. 2. Services and Benefits Division 3122 coordinated the display.