

Contract Let For Bldg. 861 Lab Installation

Styron Construction Company of Albuquerque is apparent low bidder to install government-furnished technical and laboratory equipment in Sandia's new Materials and Standards Laboratory Bldg. 861, the AEC has announced.

Materials Standards Department 1620 and Physical and Electrical Standards Department 1650 will occupy the new building. As sections of the installation are completed, the using organizations will move in and begin operations. Occupancy will start on the third floor of the new laboratory building and proceed to lower floors as the equipment is installed.

Currently operations of 1620 and 1650 are centered in Bldgs. 860 and 839 but various sections and functions are scattered throughout Area I with portions in Bldgs. 802, 821, 834, 840, 864, 892 and 830. All operations will be consolidated in the new Bldg. 861.

Plant Engineering project engineer for the installation of equipment and scheduling of the occupancy is James F. Reid (4543).

Construction work for Styron will consist of installing government-furnished movable metal partition walls on three floors of Bldg. 861, installing panel boards, wiring, electric power and communication outlets, laboratory sinks, fume hoods, benches, laboratory equipment, drains, water lines, gas sinks, and compressed air lines.

The contractor's bid was \$210,171.

Occupancy of Bldg. 861 should be completed by March 1, 1960.

Health Care Plan Now Protects 6,399 Employees

At the end of the special Health Care Plan enrollment period Dec. 1, 954 more employees had joined the program. The new members bring total enrollment in the plan to 6,399 employees, according to Services and Benefits Division 3122 which administers the plan.

Percentage of employees who are enrolled in the plan now is 80.9, an increase of 12.1 per cent since the beginning of the enrollment drive Nov. 1.

M. L. Merritt Tells Students About Sandia's Part in Project Plowshare

M. L. Merritt, manager of the Physical Research Department 5130, was the guest speaker on a general science, educational television program on Nov. 30.

"Project Plowshare" was the subject of the 30-minute telecast that was viewed by 500 students with TV sets that were placed in the city's junior high schools.

Regular instructor of the year-long credit course in general sci-

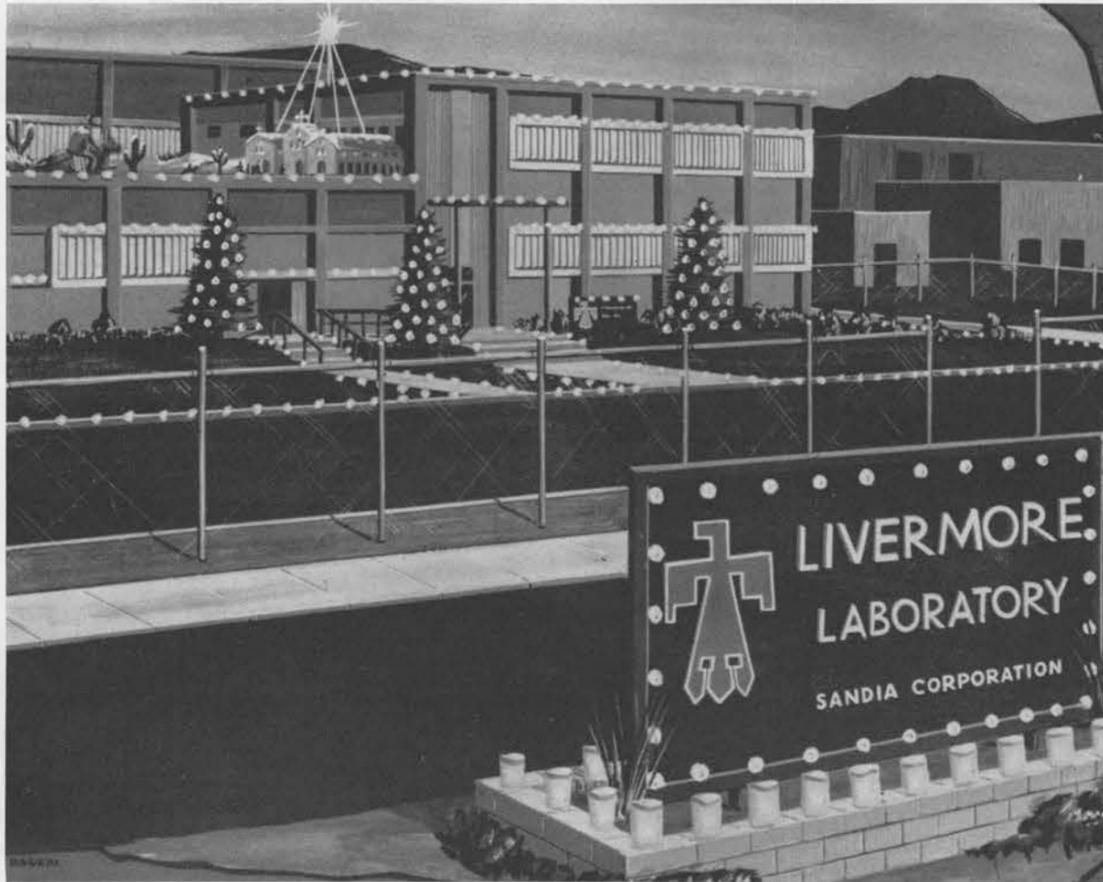


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ARTIST'S IMPRESSION of Livermore Laboratory Christmas lights of New Mexico, outlining the walk and Bldg. 911. The display will be up on Dec. 18.

Camera Fans Welcome

Public Invited to Observe Livermore Lab Luminarias

The soft glow of luminarias, the traditional Christmas lights of New Mexico, will illuminate the administration building at Sandia Corporation's Livermore Laboratory during the coming holiday season.

The luminarias, also known as farolitos or "little lanterns," are customarily lighted on Christmas Eve to symbolize lighting the way for El Santo Nino, the Holy Child.

Origin of the colorful custom has been lost in history but some authorities believe that it resulted from a mixing of the Spanish and Indian cultures in New Mexico.

Candles and Paper Bags

In modern times candles set in paper bags have been used to illuminate dwellings in New Mexico. The twinkling candlelight casts a soft amber glow, and the hundreds of luminarias are fireproof, since sand in the bags would extinguish any fire.

Before the invention of the paper bag the use of luminarias was limited to churches where small fires were burned at the entrances.

At Livermore Laboratory plastic cylinders and electric lights will replace the bags and candles since rain might otherwise ruin the display. More than 400 luminarias will be used to outline the ledges, building lines and walks around the administration building. Completing the effect will be a large southwestern scene on the roof of the building.

Turned on Dec. 18

The display will be turned on for the first time on the night of Dec. 18 and it will continue through Jan. 2. The public will be invited

to view the display and take pictures.

Information for the design of the luminarias was obtained from the Veterans Administration Hospital in Albuquerque where a similar display has been used for many years during the holiday season. Design details at Livermore were worked out by Ralph Johnson of the Plant Engineering Design Section 8221-2 and Ray Leri of the Technical Illustration Section 8114-5.

Ray and Ralph were members of the Decorations Committee, headed by W. A. Jenkins (8233-1). Others on the committee were J. E. Bonetti (8212-2), J. F. McManus (8114-5), R. A. Dickson (8233-1).

Employee-Written Editorial To Be Worth Savings Bond

For the first time the Sandia Lab News will sponsor a contest seeking the best editorials written by Corporation employees.

Subjects of the editorials will be of general nature yet with a certain amount of timeliness. The first subject will be "Inflation—Its Dangers to the Wage Earner." Entries for editorials on this subject must be in the office of the Sandia Lab News, Bldg. 829, not later than Dec. 31. Please include your full name, organization and office extension. The prize winning employee-written editorial will appear in January.

Best of all, besides providing a sounding board for fresh ideas on



Mr. Shelhamer

Roy Shelhamer Transferred to WE's Fairlawn Shops

Roy Shelhamer, Director of Programming 2600 at Sandia since November 1958, has accepted a position as Superintendent of the Fair Lawn, N. J., Shops, Manufacturing Division, Western Electric Company. He will assume the new position Jan. 1, 1960.

Mr. Shelhamer began his career with the Western Electric Company at Kearny, N.J., in 1929. He was promoted to section chief in equipment service in 1941. In 1944, he advanced to the department level and eight years later became assistant superintendent of several assembly and wiring shops.

In 1953 he transferred to the Western Electric Company headquarters for new responsibilities in the Manufacturing Division and later became assistant superintendent of Program Planning in the Telephone Sales Division. In January 1957, he became Superintendent of Program and Stock Maintenance (Merchandise and Service Organization Area "A," Manufacturing) for the Kearny and Merrimac Valley Works, a position he held until coming to Sandia.

Second Drop Tower To Be Constructed In Sandia Area III

Bids were invited early this month for the construction of a second drop tower in Area III. According to the Atomic Energy Commission announcement, contractor's bids will be opened about Dec. 23.

The new tower, which will be 175 ft. tall, will augment the existing 300 ft. drop tower in Area III handling test programs limited by the capabilities of the present tower. The new structure is to be located adjacent to the present 300 ft. tower.

The project will consist of erecting the government-furnished vertical steel structure on concrete foundations, complete with working cable, hoisting cable, hoisting equipment, carriage bumper, and associated electrical work and site grading.

R. L. Shuman (1613-2) is project engineer for the Test Laboratory Department. Plant Engineering Department project engineer is R. G. Piper (4543-2).



PROJECT PLOWSHARE was the subject discussed by George Fischbeck (left), a teacher at Monroe Junior High School, and M. L. Merritt (5130), on November 30, over KNME-TV. The program was viewed by 500 public school students.

the particular subject, the author of the winning editorial will receive a \$25 U.S. Savings Bond. No employee will be eligible for more than one award per year.

Three judges will read the editorials submitted and choose the winner. Originality, soundness of ideas and method of presentation will carry more merit than grammatical construction or spelling.

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

Remember, the first topic is Inflation—Its Dangers to the Wage Earner and get your entry in before Dec. 31.

Call for Editorial Writers

The Sandia Lab News is instituting a new type of "do-it-yourself" program this issue by inviting Sandia Corporation employees to submit editorials for use on this page. See the item on Page 1 for details.

The contest, which has a \$25 U. S. Savings Bond for the author of the best editorial each month, will first call for editorials to run under the title: "Inflation, Its Dangers to the Wage Earner."

The Sandia Lab News admits that there is a special motive in planning this contest. We believe that the subjects selected for these editorials are dear to the hearts of all American citizens. We believe that citizens should have an opportunity to express themselves in writing. Since this paper is for employees of Sandia Corporation we felt this would be a logical outlet for their thoughts.

We anticipate that selection of the best editorial will be difficult and are certain that we shall find ourselves in the position of wanting to run more than one. However, we plan to use only the editorial selected as best expressing the writers thoughts about the chosen subject, with strong consideration being given to the soundness, sincerity and clarity of his thinking.

We also anticipate that these writers will come forth with some philosophies that have not appeared before. The good editorial writer is always looking for original ideas for he has little desire to repeat what has been played over and over many times.

Those Sandia employees who do not have the yen to write are urged to have a yen to read these award-winning editorials as they appear in the Sandia Lab News.

A Gift of Safety

Let us reflect at this season upon the gifts of safety which should make our homes and highways safer.

Prevention of an accident is one of the finest gifts this season.

The long lists of safety "do's and don'ts" are familiar to most of us, but knowing's not enough. We must take extra care to watch out for the many hazards introduced into the home during this festive season. Special trouble-makers are Christmas trees, flammable decorations, faulty wiring, and presents scattered underfoot.

A safe Christmas is a merry Christmas, and a gift of safety can be used the year around.

Drivers Take Note

New Mexico traffic violations have been increasing in critical areas such as school zones and pedestrian crossings. Violations of regulations pertaining to police and fire vehicles have also been increasing.

In cooperation with law enforcement and justice agencies of the state it has been announced that after January 1, 1960, violations committed in these areas on Sandia Base may result in heavier fines being levied by the U. S. Commissioner.

Employees of Sandia Corporation are urged to drive carefully at all times and to be especially cautious in the areas mentioned above.

Sings in Oakland

Margaret Paredes (8212-3) sang the contralto lead in Handel's Messiah, Dec. 6, at the annual performance of the 100-voice Unruh Philharmonic Chorus at the Oakland Auditorium. She has sung the Messiah several times while she lived in El Paso, but this was her first Bay Area performance of the sacred music.

Wins Bass Derby

Geneva Erickson (8232-4) walked off with first prize recently in the Radiation Laboratory Recreation Association's annual Bass Derby. Her fish weighed 12½ lbs.

Sympathy

To Mary Guajardo (3466-3) for the death of her mother Nov. 27 in Socorro.

To Ray Garcia (1614-4) for the death of his father Nov. 23 in Roswell.

To Marvin Ozmun (8114-2) for the death of his father Nov. 24 in Albuquerque.

To Cappi Lynn (3466-1) for the death of her mother Nov. 7 in Albuquerque.

To A. E. Wickham (4232-1) for the death of his wife in Albuquerque Nov. 21.

To Coralyn McGregor (8233-1) for the death of her father in New York last week.



ONE FOR ONE was the record of these Sandians during a four-day hunting trip last month in the White Oaks area of Lincoln National Forest. Hunters (l to r) are M. E. Bush (5216), D. L. Fastle (5216), S. W. Clayton (5257) and E. L. Whitlow (5232).

Weddings and Engagements

Marjorie Grant (3153-1) and Henry Cole (2711) were married Nov. 25 in an evening service.

Marjorie has worked for the Corporation a year and her husband has been at Sandia three years.



Mrs. Cole Mrs. Bates

Another recent bride in Section 3153-1 was Bernice Tuomi, who exchanged vows with Justin Bates of Albuquerque Nov. 27.

Bernice has been at Sandia Corporation since October 1958.

Dec. 19 has been set for the wedding of Nancy Walter of Albuquerque and Dennis Krenz (1615). The ceremony will be at St. Luke's Lutheran Church.

Dennis has been at Sandia since April 1958.

Mrs. James H. Childress, the former Frances A. Henderson (4423-1), was married at La Mesa Presbyterian Church in Albuquerque Nov. 21. Frances has worked at Sandia since April 1957.

Congratulations are extended to Mike Coleman (4131-4) from his co-workers on his marriage Nov. 28 to Alice Gould of Vernon, Texas. The couple was married at the Holy Family Church in Vernon and is now at home in Albuquerque.

Mike has been with the Corporation since 1951.

Named to "Who's Who"

Joan Wolowicz, daughter of Chester Wolowicz (8114), has been named to "Who's Who Among Students in American Colleges and Universities." Miss Wolowicz is a senior biology major at College of Mount St. Joseph, Mount St. Joseph, Ohio. She is president of the math science club and is district secretary of the National Federation of Catholic College Students.

Joan has worked for Sandia Corporation two summers, 1957 and 1959, and hopes to return to the Livermore Laboratory after graduation next June.

Get Well Wishes

Get well wishes are extended to Mildred Johnson (5532), who has been ill for the past two weeks.

The many friends of Bill Slade (2531) wish him a quick convalescence after a recent operation.

Wishes for a speedy recovery are extended to A. E. Johns (4232-1) who has been seriously ill.

Nov. 6 Grandfather

Joe Ozmina (2721) became a grandfather for the second time in two years on the same date, Nov. 6. This time it was just a granddaughter. Last time it was twins—a boy and a girl.

Maxine Laidlaw (former 5112 secretary) and Allan M. Fine (1261) were married in Las Vegas, Nev. on Nov. 14. After a honeymoon in Las Vegas and San Francisco, the couple returned to Albuquerque where they are living at 2130 Cambridge SE.

Maxine has worked for the Corporation four years and Al has been at Sandia six years.

Bonnie Mackey (8212-3) became Mrs. Robert B. Emery Oct. 23 at the Presbyterian Church in Livermore.

After a brief honeymoon at



Mrs. Emery

Carmel, Calif., the young couple moved to their new home in Hayward.

Bonnie has been with Livermore Laboratory since August.

Pauline Baca (1264) has chosen Jan. 9 as the date for her marriage to Bob Garcia at Our Lady of Belen Catholic Church in Belen.

Pauline has worked for the Corporation three years. Her fiancé will graduate from the University of New Mexico in February with a degree in electrical engineering.



Miss Baca Mrs. Merrie

Central Methodist Church was the scene for the wedding of Shirley McGuire (1245) and Merrill Merrie, Jr., on Saturday, Nov. 28.

Shirley has worked at Sandia for one year.

Ralph Deltenre Is Finalist in National Cooking Contest

Ralph Deltenre (5224) expects to be knee deep in dinner invitations when outdoor barbecue weather rolls around—with the stipulation that he do the cooking.

The 26-year-old bachelor engineer has received national ac-



OUTDOOR COOKING EXPERT Ralph Deltenre (5224) shows one of his barbecuing secrets to a representative of Kaiser Aluminum Company (left) in connection with recipe contest.

claim for his barbecued pork chops. He entered an outdoor cooking contest for men sponsored by Kaiser Aluminum Company and was one of the 25 finalists. The final competition was held during a week-long expense-paid trip to Hawaii.

Ralph attributes his cooking ability to "watching my mother."



Terry Newell (1262)

Take a Memo, Please

Muscular strains can be incurred while stooping over to pick up a blueprint or a pencil. Improper lifting and twisting of the body are both common causes of strains.



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LING FISH, usually found in the North Atlantic, were caught by these Sandians in the Gulf of Mexico off Port Isabel, Texas, recently. The successful anglers were (l to r) F. F. McEwin (1225), Mrs. Samuelson, Mrs. McEwin, and J. H. Samuelson (2241-2).

Re-Worked Bonanza, Private Landing Strip Result of Zach's Love of Flying

When Zachary Ortiz (4253-1) finds a hobby he likes, there's no stopping him. And Zach loves to fly.

As a result, he now owns a plane and his private landing strip, however it wasn't necessarily a question of only plunking down the money.

Zach and his brother-in-law Richard Duran (an ex-Sandian) had a chance to buy a 205 hp, all metal, four-place Beechcraft Bonanza. About the only good features of the craft were the engine and propeller. The men spent many evenings and week-ends painting, putting in new glass and new upholstery until now it is a very sleek green and white job.

Then they took advantage of family-owned land seven miles south near U. S. 85 and the river and leveled off a landing strip, which has been approved by the Federal Aviation Agency. Eventually they hope to build a hangar and other facilities for private planes.

Zach obtained his private li-

Return from AF Duty

Marion L. Williams and Ben E. Bader returned to work at Sandia recently after completing three years of service in the Air Force.

Marion had been with the Corporation only three months when he entered military ser-



M. L. Williams B. E. Bader

vice. As a first lieutenant he was assigned to duty at Kirtland AFB. His Sandia job is in the Wind-Tunnel Facilities Section 5142-2.

Ben was also assigned to duty at Kirtland AFB as a first lieutenant in weapons development. He had been with Division 1246 about 16 months before entering military service and returned to Division 1283.

Winery Visit

Eighty Livermore Laboratory couples were conducted on a tour through the Wente Winery last Saturday. The wine-making and bottling process was explained by their hosts, the Wente brothers.

Back at Work

Returning to work after a recent operation is Jessie Berry (8223-3).

Co-workers welcomed back Sondra Hunter (8212-3) after an extensive illness.

Also at Livermore George Steinhauer (8115-1) has returned to work after recent surgery. After a lengthy illness, Marguerite Mihovich (8212-3) is back on the job.

Margaret Reese (3362) has returned to work after an illness of several weeks duration.

8221 Buffet-Dance

Eighteen couples attended a pre-holiday buffet supper-dance Dec. 5 for employees of Division 8221 at the Livermore Rod and Gun Club.

Invitations were also issued to employees and guests of the Electromec Design and Development Co., Sunnyvale, Calif., a Livermore Laboratory sub-contracted engineering firm which has five employees assigned to Division 8221.

Members of the committee were: Jack Adams (8221-1), display; Harold Remington (8221-1), program; Ken Smith (8221-2), music; Pete Peterson (8221-2), treasurer; Frank Avitia, invitations, and Art Strawmeyer, decorations, both employees of Electromec Design and Development Co.



ZACH ORTIZ with pride and joy.

cense in 1950, a commercial license in 1954, and is currently working on both his instructor's license and instrument rating.

The Bonanza is the sixth plane he has owned. The first was a surplus Army trainer which he used mainly to obtain his multi-engine rating.

Zach's most exciting flight was this fall. "I was returning from Denver and near Albuquerque the weather was so poor I couldn't see the wingtips. I headed back for Las Vegas, but vandals there had shot out all the landing lights with BB guns. I had to land with the headlights from one car to guide me."

New Homes

Ruth Spence (8223-3) and her family recently moved to their new home at 312 Christina Court, Pleasanton.

Dal Sasser (5121) just moved into a new home at 1221 Parsifal NE.

There's also a new address for Lessie Lee (5125): 1412 Elizabeth NE.

Mr. and Mrs. Robert Becker (2152-2) are proud new home owners at 6504 Dodd NE.

Mr. and Mrs. John R. Ames (1423-3) are settled in their new home at 7029 Kiowa NE.

At Livermore new home owners include A. J. Derby (8211-2), now living at 804 Jefferson Ave., and Hal Watson (8212-1) and family, who have moved to 786 Mariposa St.

Mr. and Mrs. D. R. Wilkinson (1263-1) recently moved into their new home at 3804 Hilton NE.

At Livermore Bob Bailey (8114-2) and his wife have moved into their new home at 981 Lisbon Ave. and the Ray Gott family is settled at 791 Adams St. The new address for Ruth Spence (8223-3) and her family is 312 Cristina Court, Pleasanton.

It was moving day recently in Livermore for Steven P. Kiczan (8153-2) and his family at 877 Adams Ave., the Sidney H. Wagners (8161-1) at 1344 Anza Way, Von P. Madsen (8116-3) and family at 100 Bolla Ave., Alamo, and John R. Wheelock (8116-2) and his family at 1368 Anza Way.

Football Prowess

Jim Hyde (8116-3) is proud of his brother Tom, a senior at the U.S. Naval Academy. Tom caught five passes during the recent Army-Navy football game which helped Navy gain its 43 to 12 victory.



SANDIA MEMBERS of a newly-formed Boxer Club for better breeding include (l to r), Mr. Fidgit, Betsey Edens (1421); Penny, D. L. Edens (1652); Flash and Gidget, and J. F. Bewley (4413).

Sandia Corporation Hosts Delegates to Transducer Conference

Sandia Laboratory last month hosted a Conference on Explosive to Electric Transducers with representatives of more than 30 industrial and governmental agencies attending.

Keynote address of the conference was presented by C. F. Quate, director of research 5100. Other Sandians on the program were G. H. Mauldin (1314), J. P. Shoup (1413), C. S. Selvage (1264), G. W. Anderson (5132) and J. J. Marron (1314).

Speaking during following sessions of the conference were R. D. Wehrle (1313), F. W. Neilson (5133), E. L. Paine (8152), R. W. Kulterman (5132) and W. B. Benedick (5132).

Session moderators were H. G. Baerwald (5132), G. L. Harvey (1313), R. H. Plumlee (5150) and Jack Stein (1312).

Funeral Services Held For William J. Daly

Funeral services were held Dec. 5 for William J. Daly, 46, an electronics engineer in division 1421.



Mr. Daly died suddenly Dec. 4. During nearly seven years at Sandia he also worked in the 1200 organization.

Survivors include his widow and four children.

Mr. Daly helped organize the Citizens Committee and was active in that civic group.

Congratulations

Born to:

Mr. and Mrs. C. F. Wilson, Jr. (5216) a daughter, Susan Liane, on Nov. 21.

Mr. and Mrs. R. L. Johnson (5216) a son, Steven Robert, on Oct. 29.

Mr. and Mrs. J. M. Brock (1612-2) a daughter, Carla Jean, on Oct. 30.

Mr. and Mrs. Everett G. Hayes (2552-1) a daughter, Christine Eleanor, on Nov. 7.

Mr. and Mrs. James Austin (8222-1) a son, Don Keith, on Nov. 18.

Mr. and Mrs. Larry R. Alton (8153-2) a son, Ronald Robert, on Nov. 18.

Mr. and Mrs. Jim Mafit (8221) a daughter, Rebecca Ann, on Thanksgiving Day, Nov. 26. This was their fifth child born on a holiday.

Mr. and Mrs. Reuben J. Montoya (3242) a son on Dec. 1.

Mr. and Mrs. Al J. Chabai (5112) a daughter, Christine Carol, on Nov. 28.

Mr. and Mrs. Bob Thompson (5121) a son, Kurt Edward, on Dec. 3.

Mr. and Mrs. W. P. Brooks (5132) a daughter, Diane Marie, on Nov. 21.



OFFICERS AND committee chairmen of the Council of Technical and Scientific Societies include (seated, l to r) Mike DiBella (5323), Program Announcements and Coordinating committee; Leon T. Wilson (1282), treasurer; (standing, l to r) Corry McDonald (2530), head of a study committee; O. W. Graham (3211), vice president, and E. H. "Gene" Copeland (1611), president. John Cowan (5323), secretary, was not available when picture was snapped.

Tech Council Serves Members With Programs, Coordination

Back in 1951 a group of scientific and technical societies decided to form a Joint Council to exchange information about activities of all groups and to encourage membership in the society or societies representing the individual's prime interest.

Their aims were to coordinate programming and announcement of meetings, to promote attendance of interested societies when exceptional speakers were available, and to foster public interest in technical and scientific affairs.

Other purposes were to interest high school and college students in engineering or the sciences, and to promote interest of individual members of the technical and scientific societies in civic projects and activities.

Today, following these purposes, the Council of Technical and Scientific Societies is assisting scientific education in schools throughout the state, researching areas of further service, promoting participation by individual members in civic service projects and continually striving to strengthen the Council.

"Whether this can be accomplished will be determined by the measure of support that all technical societies give to the Council and the effectiveness of the Council in discharging its function," says E. H. "Gene" Copeland (1611), president. "This is our challenge."

Trying to better serve its membership, the Council is undertaking a survey to determine the extent to which other professional communities are supporting the joint technical councils. Corry McDonald (2530), ASME, is conducting the survey.

The Program Announcements and Coordinating Committee is headed by Mike DiBella (5323), STWE. This committee has arranged for a meeting announcement calendar to be published in the Sandia Lab News each issue.

Boxer Fans Start Club to Encourage Breed Betterment

A New Mexico Boxer Club was formed recently to improve the breed by encouraging enthusiasm for breeding and showing boxers in the New Mexico area.

Sandia members are D. L. Edens (1652), Betsey Edens (1421), L. W. Stouder (4251), R. M. Simmons (4543) and J. F. Bewley (4413).

The club plans to sponsor shows in Albuquerque as soon as AKC recognition and permission to hold AKC-sanctioned events are obtained.

Residents of New Mexico are eligible for membership. Anyone desiring more information may contact the New Mexico Boxer Club at AX 9-3795 or any club member.

and they hope to extend this calendar to other publications. Committee members are Frank Clinard (1621), ASM; A. D. Smalar (2561), AIIE, and D. W. Arquette (2542), AIIE.

One of the current projects of the Educational Committee is organizing a Speakers Bureau for high schools and junior high schools within the state to encourage careers in science and engineering.

Leon T. Wilson (1282), ASM, chairman of the Educational Committee, says his group also plans to support the JETS program (Junior Engineering Technical Society) in whatever way is most practical. Committee members are Max Gonzales (ACF), AWS, and Joe Rivard (5224), ASME.

Another step being taken by the Council is a revision of the present constitution and by-laws. The Constitution Committee consists of O. W. Graham (3211), ASSE, chairman; C. M. Littleton (5511), SNT; Dick Richards (1542), ISA, and Dick Bassett (2562), ASME.

"We'd like to make it easier for more societies to participate in the Council, and also want to change our election of officers date to coincide with elections of other societies," O. W. Graham said. "This way we feel we would have better continuity."

At present there are eight groups who belong to the Council of Technical and Scientific Societies. "In addition," Gene said, "John Cowan (5323), secretary, has a list of main officers for eight non-member societies."

Members of the Council and their presidents are as follows: American Institute of Industrial Engineers, George Chandler (2555); American Society of Metals, Don Johnson (1621); American Society of Mechanical Engineers, E. K. Gardner (2541); American Society of Safety Engineers, H. H. Soenke, Los Alamos.

American Welding Society, Vincent G. Nelson (1621); Instrument Society of America, Victor V. Myers, Jr., Curtiss-Wright Corp.; Society for Nondestructive Testing, C. M. Littleton (5511), and Society of Technical Writers and Editors, W. H. Puder (2631).

D. W. Ballard Elected To Directors' Board Of Testing Society

D. W. Ballard (2541) was recently elected to the national board of directors of the Society for Nondestructive Testing during their annual convention in Chicago.

As a member of the board, Mr. Ballard will be chairman of the national education committee.

He also presented an orientation speech entitled "The Scope of the Present Nondestructive Testing Field."

Christmas Card Money Goes to Give Better Holiday to Needy



CHRISTMAS SEALS were mailed out this month for use on letters and packages to aid the fight against tuberculosis. Assisting in the Bernalillo County drive are C. M. Clendenin (5243) (left), sale co-chairman, and W. T. Moffatt (5240), board member.

Sale of TB Christmas Seals Helps Fight Disease Nationally, Locally

Christmas seals have become a traditional part of the holiday season but more important they are the only source of funds for the national Tuberculosis Association.

The Bernalillo County Tuberculosis Association has sent out 44,000 letters containing sheets of seals to residents this year, including 1465 to persons on Sandia and Kirtland Bases. The association hopes to exceed last year's contribution of \$32,867.

Assisting the group are several Sandians. C. M. Clendenin (5243) is co-chairman of the Christmas

Seal campaign; G. A. Fowler (5000) is a member of the executive committee and former president of the county association; and W. T. Moffatt (5240) is a member of the board of directors.

In Bernalillo County proceeds of the drive are used to give tests to school youngsters, university students, and people who handle food. When there is a positive reaction to the test, X-rays are taken by the County Chest Clinic. At the present time there are 3,056 known cases of tuberculosis in New Mexico, 986 of these are in Bernalillo County.

Specialist on Communism to Speak Before Research Colloquium Dec. 14

Dr. Stefan T. Possony, political science professor at Georgetown University and a specialist on communism, will speak before a Research Colloquium and also present a special security lecture at Sandia Monday, Dec. 14.

"Methods of Unconventional Warfare" will be Dr. Possony's subject for the Colloquium meeting at 9:30 a.m. in Bldg. 815. Tickets are required for this meeting, according to Craig C. Hudson (5113), Colloquium chairman.

Discusses 'Conflict'

Dr. Possony will discuss "The Course of the Democratic-Communist Conflict" at the security lecture in the Sandia Base Theater, Bldg. 208, at 2 p.m. This lecture is sponsored by the Security Operations and Information Division 3422. Since there are only 400 seats available for the lecture, Division 3422 has assigned a seating quota for each department.

Austrian-born Dr. Possony was educated in Austria and Germany, receiving his PhD from the University of Vienna. He escaped to France in 1938 after the Anschluss, and was employed in the French Foreign Office and the French Air Ministry.

He came to the U.S. in 1941 as a Carnegie Fellow at the Institute for Advanced Study at Princeton. Since 1946 he has been a professor of political science at Georgetown University and is considered a specialist in communism, geopolitics, psychological warfare,

Richard Bishop to Speak Dec. 15 Before Research Seminar

"Seismic Coupling of Contained Explosions" will be presented by Richard Bishop (5112) at a Sandia Research Seminar Tuesday, Dec. 15 at 1:15 p.m. in Bldg. 815.

Tickets are not required for the meeting, according to Craig C. Hudson (5113).

Plans are well underway for Christmas charity projects, which are undertaken by the employees of many Sandia Corporation organizations instead of exchanging greeting cards.

Personnel of the Field Testing organization 5200 plan to contribute to a Christmas Basket Fund, contributions for which will be collected up until Dec. 18. Committee members are H. E. Gatlin (5230), T. J. Raftery (5210) and A. J. Max (5250). A letter being sent to each member of 5200 points out that "this is one of the few endeavors where your money will bring back more than one hundred cents on a dollar." This is made possible by a 10 per cent deduction on the total food bill offered by a super market.

For the fourth year Cost and Accounting Department 4150 will help a needy family. Last year the 70 employees in 4150 contributed approximately \$150 in clothing, money, toys and groceries. This year the family to be assisted consists of a mother and her six children—ranging in age from one to 15. They live in a one-room garage in Corrales and the mother, who works as a janitress at one of the schools, is the sole support of the family. A food box will be placed in 4152 for staples, used clothing or toys.

New Approach

A little different approach will be used by members of Instrumentation Development Department 5220. The committee, headed by R. S. Spence (5223), will collect donations of money to be used to purchase hot lunches for needy children in one Albuquerque school. In this way the charity effort may be extended through several months. Other members of the Christmas committee are W. D. Gutscher (5221), J. E. Scheibner (5222), R. H. Gablehouse (5223) and J. M. Stueber (5224).

Control Department 4210 has again decided to adopt a needy family with employees contributing money usually spent for purchasing Christmas cards. The family was selected by the Salvation Army last year and they receive groceries for a Christmas dinner plus staples for future use, a gift for the parents and toys for the children.

A "white elephant" sale of unwanted items will be held next week by members of Publications Distribution Section 3466-1 to raise money to help a needy family at Christmas. Naomi Wynant is serving as chairman of the arrangements. The name of the family will be obtained through a local church. The Sandians hope



AN APPEAL to Livermore Laboratory employees to donate money instead of exchanging Christmas cards is made by Darlene Cahill (8212-3), left, and Joyce Paul (8213-2). Money collected in cans like one made by Darlene will aid needy Livermore families.

to give cash and makings for a turkey dinner.

20 Families to Be Helped

Design Definition Department 4410 is also well along with their plans. Under Chairman W. R. Des Roches (4412) representatives have been appointed in each division to assist in collecting donations. The money will be used to purchase food baskets for about 20 needy families and be delivered to their homes on Dec. 24. The names of the families are obtained through churches. The food baskets contain canned ham, staples, dried milk, cocoa and candy for the children. Arrangements are being made with a local bakery for donation of 40-60 loaves of bread.

Members of Aerodynamics Department 5140 are starting on their plans for donating cash and clothing to needy families through the Department of Public Welfare's Christmas Fund.

Mechanical Department 4250 again is setting up a Christmas Fund and hopes to help four or more families in varying degrees.

This year in addition to taking up a collection and securing used clothing and toys, the employees set aside three days, Dec. 9-11, for collection of canned food. Each employee was requested to bring in at least one can of food—which would make an impressive stack of 200 cans. Money collected will be used to supplement the food supply and buy each child a new toy.

Two organizations will benefit from the charitable deeds of members of Personnel Development Division 3121. Contributions of cash, toys, clothing and food are being collected for the All Faiths Receiving Home and the Bernalillo County-Indian Hospital. Members of the committee, headed by A. M. Fellows, include Gene Abbott, Janet Johnson and Maxine Schafer.

Contributions are being sought within Electrical Systems Department 1260 for the Christmas Fund of the Salvation Army.

Twenty needy persons in Livermore will receive gifts of food and clothing bought with funds raised by employees of Livermore Laboratory.

The families were selected by the Employees Christmas Fund Committee, headed by Jack Bonetti (8212-2) from lists supplied by the Livermore Area Welfare Council. Cash collected during the drive will be used to buy grocery and shoe certificates for each person and money remaining will be spent for clothing.

Organization 8223-3, headed by Ernie Alford, has "adopted" a needy family in Livermore and is filling a Christmas basket for them. The name of the family was obtained from the Welfare Council.

Mountain Climbers to Cut Their Own Trees

Christmas festivities will get off to an old fashioned beginning when members of the New Mexico Mountain Club and their guests trek to the Manzanos for their own tree-cutting event.

The trip will start from Odlum Hall at 1 p.m.



SANADO CLUB members, for the second year, have decorated the Coronado Club for the enjoyment of all during the Christmas season. The "golden peace" theme is symbolized by white and gold doves placed amid other decorations in the lobby and ballroom. A. F. Cone (5510), president of the Coronado Board of Directors, takes a look as finishing touches are made by Sanado members (l to r) Mrs. Fred Bentz, Mrs. K. E. Sutton, (and, in mirror) Mrs. L. W. Otski and Mrs. J. C. Hart.

Sandia's Traffic Organization Will Get You There and Back

Destination Tonopah, Eniwetok, Cape Canaveral or London, Traffic Division 4335 will serve as your travel agent—provided you're on official Corporation business.

Furthermore, the Corporation travel experts claim never to have lost a passenger.

Mr. Travel, himself, is Jack R. Spence, division supervisor, who has headed the operation for 10 years. He brought to the job 24 years of experience in passenger and freight movement.

Mr. Spence also was instrumental in setting up the Joint Air Military Ticket Office two years ago to serve as a ticketing agency for the military, the AEC and Sandia Corporation. In an average month the Corporation alone may make 2600 air and rail reservations through this Office. Add to that 1600 hotel or motel reservations and nearly 300 reservations for rental cars and it totals up to a busy traffic for any regular travel agency.

The glamour girls of the outfit are the travel reservation clerks: Doreen Westfall, Shirley Cleary, Margie Baca and Donnie Papineau. "When we have an opening, we may receive as many as 70 bids for one of these jobs," Mr. Spence said.

The girls are on the telephone almost constantly making reservations, relaying time table information, and working out travel schedules. Hotel reservations are made by teletype and all space is confirmed to traveler before departure.

Their biggest headaches are: making hotel reservations when several conventions have tied up most of the accommodations in a city; making arrangements to areas in the south which require several plane changes, and avoiding plane connections which are too close timewise to allow for a slight delay.

Although the clerks are steadily busy, last year when a major airline serving Albuquerque was strike-bound every type of transportation conveyance had to be used to get employees on their way.

The girls receive new airline schedules about every 15 days and they can expect two major changes a year.

Do the clerks make elaborate reservations for their own vacation trips? No, they usually drive and travel without advance reservations. But that's because they don't like to be tied to an itinerary when they're out to relax.

Equally important as the Travel



TRAVEL RESERVATIONS made for Sandia Corporation personnel on business trips are checked by reservation clerk Donnie Papineau and Jack R. Spence, Traffic Division 4335 supervisor.

Reservation Section is the Traffic Section, headed by L. W. Gustafson. His four traffic analysts handle the routing and billing of all shipments leaving Sandia, give advice on best routing and carrier, quote freight rates, audit the freight bills for Sandia and Livermore Laboratories and Salton Sea Test Base, file claims against carriers for loss, damage or overcharge, and trace or expedite shipments.

In a typical month the men in this section might audit 1,048 freight bills and handle 853 outbound shipments. To assist them in their work there are 162 file drawers along one wall of the office containing nothing but freight tariffs.

This group also makes arrangements for movement of household effects belonging to transferred employees (new hires handle their own arrangements). Another function is to quote fares for personal travel and originate refunds on

tickets due from airlines or other carriers.

In looking over the nine people in his division Mr. Spence remarked, "We have about 130 years combined experience in traffic problems represented here. We should be able to handle the problem."

AEC Vehicles to Be Sold at Auction

Government vehicles parked facing East Avenue west of the Livermore Laboratory parking lot will be sold at public auction after Mar. 1, 1960, it was announced by Ted Saselli (8222-2).

Plans for an earlier sale were cancelled as a result of the steel strike which caused a shortage of new vehicles available to the General Services Administration (GSA), Ted said.

The exact date of the sale will be announced in advance in the Sandia Lab News and on employee bulletin boards.

Colorado University Experts to Speak Before Local Meteorological Chapter

Two members of the High Altitude Observatory of the University of Colorado will present talks at a meeting of the Albuquerque Chapter of the American Meteorological Society Monday, Dec. 21.

"Solar Terrestrial Relationships" will be discussed by Norman J. MacDonald. He will present a survey of the effects of variable solar activity on earth's atmosphere and illustrate with a film showing some of the outstanding features of solar activity

during the last period of maximum sun spot activity.

Dr. Paul Julian will present "The Stratospheric Circumpolar Vortex" which will be a survey of seasonal and geographical distribution of circulation in the lower and middle stratosphere.

The public is invited to attend the meeting, according to B. N. Charles (5121), program chairman. It will begin at 7:30 p.m. in Rm. 253 of the University of New Mexico Administration building.

Welcome Newcomers

Nov. 9-Dec. 4

Albuquerque	
*Marcelina Anglin	4212
Vincent S. Arroyo	4543
E. Joyce Blaine	4413
Alma R. Blute	3364
M. Elaine Bullock	3126
Ronald J. Clauser	3464
Richard C. Cooke	4413
*Eli Cook	2622
Bruce W. Craven	3464
Jannie L. Crawford	4132
Carolyn S. Drummond	3461
Ernette K. Exley	4132
Rosemary C. Farfel	2226
Marilyn L. Garberich	2243
*Marjorie A. Hayes	3126
Barbara Hegman	3126
*David G. Henshaw	5241
*Leonard A. Hitchcock, Jr.	1615
Carole Hoagland	3126
*Robert O. Jenkins	3460
Barbara E. Levensky	3126
Evelyn Lord	3126
Mary Lou Marquez	3126
*Wilbur B. Maxson	3126
Patricia C. McCanna	3126
Evelyn C. McCoy	3126
*Mary Ann Melo	3126
Marjorie I. Michaud	3126
G. Dean Miller	3126
Nancy Orendorff	4333
Rosemary Padilla	2562
B. Burnadine Ross	3466
Carl J. Schmidt	4413
*Paul D. Shoemaker	4413
Anita M. Springer	3461
William E. Stalcup	4574
Mary C. Williams	5536
Jacqueline D. Williamson	3421
Betty J. Wilkins	3126
John W. Windsor	3464
Elizabeth J. White	3126
James R. Wycoff	3466
Stephen R. Zdunek	4574



Mr. Roussel

W. C. Roussel New Operations Division Chief in ALO Society

W. C. Roussel was recently appointed Director of Safety in the Atomic Energy Commission's Albuquerque Operations Office.

Since Sept. 23, 1956, he has been chief of the Operations Division, Office of Security.

Mr. Roussel has been associated with the nuclear weapons program since December 1945, when he joined the Manhattan Engineering District at Los Alamos, N. M., as a Physical Security Inspector. He transferred to the Atomic Energy Commission in January 1947, and in April of that year became Assistant Chief of the Security Branch of the Commission's new Sandia Area Office on Sandia Base in Albuquerque. In 1954 he transferred to the ALO Office of Security as Assistant Chief of the Operations Division and in 1956 became Director of that division.

Christmas Cautions Aimed at Keeping Holidays Happy

As the Christmas season nears bright decorations are beginning to change the look of things. Along with the bright tinsel and multi-colored lights lies also a danger from home decorations.

Safety Engineering Department 3210 has advised that Christmas trees should be placed in a stand containing water to prevent dryness. Special care should be taken with tree lights. Check for scorched needle or tinsel hanging near light sockets or extension cord sockets. (No natural trees of any kind, decorated for Christmas, are permitted in the Tech Area without specific permission of Plant Engineering.)

Neglected electrical fireproof can be a hazard. Use only fireproof materials in decorations. Avoid overloaded circuits and extensive holiday wiring. Keep a fire extinguisher handy and in good working order.

In other words, have a merry Christmas but use care and be safe.

School Board Representative

Elliott H. Dopking (8232-2) attended the California School Board's state convention in San Francisco last week. Elliott serves as clerk of the Livermore School District (Elementary) Board of Trustees.



FREIGHT TARIFFS are conveniently located for auditing Sandia's freight bills. Traffic Analyst C. J. Uribarri (right) is shown checking a rate with his section supervisor, L. W. Gustafson.



DIFFICULT SCHEDULE calls for informal consultation between reservation clerks. (l to r) Doreen Westfall, Shirley Cleary and Margie Baca. Generally inclement weather is taken into consideration when making flight reservations into storm areas.

Betty Collett Soprano Soloist In Civic Chorus' Messiah Concert

Betty Collett (3126) has been chosen to sing the soprano solos in Handel's "Messiah" when it is presented by the Albuquerque Civic Chorus on Sunday, Dec. 13, at 2:30 p.m. in the Civic Auditorium.

In her role as soloist, Betty will be heard in the familiar arias "Rejoice Greatly" and "Come Unto Him," as well as the lesser known songs which make up the complete score.

Augmenting the concert will be masterworks of art projected on a screen behind the chorus during the performance. A symphony orchestra will accompany the chorus, which is directed by Norman Russell Bell.

Betty has been doing solo singing since the age of nine for church and civic organizations and at Oklahoma State University. She is now attending evening classes at the University of New Mexico where she studies sculpture.

Other Sandia Corporation employees who will appear in the choral work are: Marilyn R. Wagner (4431), Shirley Merrie (3126), William D. Stoppkotte (1422), John J. Newman (1414), Clinton H. Purdue (1522), Bruce A. Caskey (1282), Truman Williams (2721), Bob Christopher (5521), Ian M. Scott (1621), James R. Dillard, Jr. (2243), Howard K. Ray (5221) and Peggy Howe, Minnesota Mutual Life Insurance Co. Sandia office.

Other soloists are Kim Anderson, alto; Richard Blackhurst, tenor and Alex Chavez, bass.

Tickets are available from Riedling-Thompson Music Co., Cleveland Music Co., The Music Mart and Sandia Base Special Services, Bldg. 228.

Albuquerque Council Of Social Agencies Helps Christmas Giving

Community-wide assistance for needy families during the Christmas season is again being coordinated this year by the Council of Social Agencies.

The Council has a master file of names of families to avoid duplication of effort and also to perhaps make possible year-round aid rather than just during the holiday season.

The Department of Public Welfare, Catholic Charities and Salvation Army all have Christmas Funds which will use cash contributions for grocery orders or other special items needed by individual families.

Food baskets of non-perishable foods may also be given to the All Faiths Receiving Home (which provides temporary shelter for non-delinquent children), the Brothers of the Good Shepherd, Catholic Charities of Albuquerque, Christina Kent Day Nursery, Department of Public Welfare and The Salvation Army.

Henry Schutzberger Speaks Before Members Of Surveying Congress

Henry Schutzberger (5242) spoke before members of the New Mexico Section of the American Congress on Surveying and Mapping at their first annual convention held last Saturday in the Albuquerque National Bank Building. His topic was "Computers and Their Applications."

Department 5210 loaned two theodolites to Marvin May, UNM civil engineering professor, for use in a display of surveying equipment.



Betty Collett

Karl Zimmerman Earns Membership in Drummers Association

Karl Zimmerman (1592-3) recently qualified for membership in the National Association of Rudimentary Drummers by passing an examination representing the basic and most essential of all the rudiments that drummers should know.

Since he is now a member, Karl is authorized to judge on the examination of other applicants.

Karl, who has been playing percussion instruments since he was nine years old, has played with the Albuquerque Civic Symphony. He also performed with the New York University Symphony, Nutley, N.J., Civic Symphony, and with a championship New York high school band.

On the lighter side, he was in Chuck Foster's Sandia Base German Band, and once was a member of a Vaudeville Band in New York.

Casper L. Doty Dies After Lengthy Illness

Casper L. "Pete" Doty, a Sandia Corporation employee for eight years, died Nov. 26 after a lengthy illness. He was 48.

Funeral services were held in Houston, Mo., followed by burial in Cabool, Mo., where most of his family reside.

Mr. Doty was a welder in Section 4224-4 of Specialties Division B.

Survivors include his widow, mother, two brothers and three sisters.

Christmas Program At Chapel Dec. 13

The Sandia Base Protestant Choir will present its annual Christmas program on Sunday, Dec. 13, at both morning services in the Chapel located across from the Sandia Base Hospital.

The choir, which will sing "The Wonder Child" by Reiff, is directed by Mrs. William Simpson, whose husband works in 3442.

O. L. Wright (2250) is one of the soloists in the choir. Other Sandia members are Marie Ream (3100), Mrs. Earl Craven (whose husband works in 4543), Mrs. O. L. Wright, Bonnie Taylor (whose mother works in 4171), Carol Zimmerman (daughter of Karl Zimmerman (1592-3), and Mrs. E. L. Bolton (whose husband works in 4361).

Arabian Horse Hobby Expands Into 1000-Acre Mountain Ranch

Standing by the corral admiring his four purebred Arabian horses, Artie I. Redlinger (2713-3) remarked, "To think this all started from a Father's Day present."

"Eight years ago," he explained, "my son rented a couple horses as a present for me. I was scared to death of them. But later my wife and I found we enjoyed riding and eventually bought a Quarter horse for her and an Arabian race-type stallion for me."

One thing led to another until Artie and Gaylo (she formerly worked at Sandia) ended up with a thousand acre ranch in the Manzanos, some field crops, 10 head of cattle and a string of 34 horses.

Artie and Gaylo continued to drive the 64-mile round trip to Sandia every day, despite often inclement winter weather. "I've lost only two days of work in seven years because of snow," Artie said.

Then the worst drought since 1918 hit the area. The Redlingers ended up furnishing water for neighbors within a radius of 10 miles whose wells were dry. They sold their livestock and decided to concentrate on purebred Arabian horses.

In the past two years the Redlinger's four purebred horses have competed in six horse shows in New Mexico and have placed in all halter classes. Four half-Arabians are shown in performance classes at rodeos. Their horses won awards in seven out of eight classes entered at the recent State Fair and at the Santa Fe Horse Show last summer they had a Champion, three first prizes and a second.

In January Artie was elected governor of the New Mexico Horse Show Association and last month he became president of the New Mexico Arabian Horse Association.

What's so appealing about Arabian horses? Artie pointed to their characteristics: endurance, intelligence, beauty and grace. "It is the only horse in the world that has not been crossed to another breed for improvement of the strain," he said. In fact since the origin of the breed some years prior to 300 B.C., the Arabian has been imported by every country in the world as a stimulus to the individual strains, through crossbreeding.

In an article Artie wrote for the Arabian Horse Journal he related an ancient Arabian legend: during the days of Mohammed the warrior mares were trained to charge and retreat by trumpet call. Mohammed commanded that 500 mares be corralled one mile from a river and held without water.

On the fourth day they were released. Just before the horses reached the river the retreat was sounded by trumpeters. The five mares that turned back, displaying great obedience and disregarding their desire for water, became the breeding stock and were thereafter referred to as true "Gods of the Desert."



BROOD MARE RAASAAMA shows her two-month-old colt at the Redlinger ranch. The colt, although youngest in the 1959 Arabian class, won second prize at the recent New Mexico State Fair.



STATE FAIR TROPHY and some of the numerous ribbons won by his Arabian horses in past two years are shown by A. I. Redlinger.

Luminarias to Be Put on Bldg. 800 For 1959 Christmas Decorations

Something new for Sandia Laboratory, yet old in tradition, will be used for Christmas decorations this year, according to plans now underway.

Luminarias will outline Bldg. 800. The soft glowing lights are traditional New Mexico

Christmas decorations and can be traced back to early days of Spanish colonization.

Traditionally the luminaria is made of a paper sack weighted with sand containing a slow burning candle. The same effect will be achieved but more durable materials and electric lights will be used.

Three Christmas trees and strings of lights will be used at the entrance to Bldg. 800 along with holiday wreaths. Green and red floodlights will shine on the building. Gate houses will also display wreaths.

The decorations will be up from Dec. 21 through Jan. 2. In addition, during the holiday season, Christmas carols will be broadcast throughout the area for short periods prior to 8 a.m., the lunch hour and 5 p.m.

A. L. Romero (3122) is coordinating preparations for the decorations. He is also handling preparation of the traditional holiday fruit baskets given by the Corporation to seriously ill employees.

Christmas decorations committees at Albuquerque and Livermore arrived at the same decisions without any consultation regarding use of luminarias. For both headquarters it will mark the first time the traditional "candles" have been used.

Club Starting Sale Of New Year's Eve Party Tickets Monday

Tickets will go on sale Monday for the New Year's Eve party at the Coronado Club.

Ducats, at \$3 per member and \$4 per guest, will include breakfast, party hats, noisemakers, horns, etc., and dancing to the music of Leigh Sprague, playing in the ballroom, and the Mike Michnovicz combo, entertaining in La Caña room.

Other club activities planned for December include a Christmas Party for children on Sunday, Dec. 20, from 2:30-4 p.m. There will be a stage show, cartoon, movies, and appearance by Santa Claus.

On Dec. 26 the club's annual cocktail party, free to members, will be held from 7-9 p.m. followed by dancing to the music of Jack Shearing's orchestra.

Calendar

Technical & Scientific Societies

- Dec. 14**
American Institute of Industrial Engineers
UNM, EE Bldg., Rm. 201
7:30 p.m.
Program: Three 10-minute sound movies: "Internal Organization," "Product Development," "Methods Analysis"
For more information call Bill Asher (3464), Ext. 24156
- Dec. 16**
American Society of Mechanical Engineers
Dutch-Treat Dinner, Triangle Restaurant
6 p.m.
Technical Meeting: 7:30 p.m.
UNM, EE Bldg., Rm. 201
Speaker: A. Squire, Manager
Materials Department, Bettis Atomic Power Div., Westinghouse Electric Corp.
Topic: Problems in Atomic Power
For more information call Walt Dauphinee (2533), Ext. 28233
- Dec. 21**
American Meteorological Society
UNM Administration Bldg., Rm. 253
7:30 p.m.
Two speakers from High Altitude Observatory of the University of Colorado
Topic: "Solar-Terrestrial Relationships" and "The Stratospheric Circumpolar Vortex"
Also movie on recent solar activity
For more information call B. N. Charles (5121), Ext. 48161

Sandia's Safety Record

Sandia Laboratory Has Worked 5,170,000 Man Hours Without a Disabling Injury

Livermore Laboratory Has Worked 2,429,000 Man Hours Without a Disabling Injury



Bennidetto J. Russo
5534
Dec. 16, 1944

Sandia Service Awards

10 Years



James E. Robinson
4511
Dec. 14, 1949



Orval D. Bruner
1627
Dec. 19, 1949



C. Harold Goddard
1592
Dec. 19, 1949

Five Years

Dec. 12-25

Victor D. Schaeffer 4253, Richard E. Burken 2226, Homer C. McIlroy, Jr. 3111, Louise D. Patterson 3423, Boris V. Hope 3126, George W. Hosking 5522.

Arthur L. Savage 5332, Charles R. Cundiff 5332, Albert N. Murphey 2552, Dolores A. Carlson 1280, F. Arthur Hasenkamp 1626, Philip B. Higgins 2551.



Ralph O. Pena
2243
Dec. 19, 1949



Harold A. Walters
5512
Dec. 19, 1949

Livermore Lab Reports On Health Care Sign-up

At Livermore Laboratory 92 new applicants have enrolled in the Sandia Corporation Health Care Plan during the special enrollment period which ended Nov. 30.

Of the 797 employees on roll at Livermore Laboratory, 648 have joined the plan since its inception.

The special enrollment at Livermore was conducted by the Employee Services Section 8212-2. Claims information may be obtained from Shirley Heller (8212-2), Ext. 2252.

Christmas Party for Children Saturday

The annual Children's Christmas party given by the Lawrence Radiation Laboratory's Recreation Association will be held Dec. 19 at Livermore Union High School. Tickets costing 50 cents for children and 75 cents for adults are available from Employee Services Section 8212-2.

Four programs are scheduled; one at 9:30 a.m., 12:30, 3:30 and at 6:30 p.m. Each child will receive a present from Santa Claus and adults will have a chance to win door prizes at each show.



LIVERMORE ARTISTS display their Christmas paintings to be given as door prizes at the Laboratory's Christmas dance on Dec. 13. Seated (l to r) are: Ubbie Hammer, Jean Ullman and Millard Taylor. Back row (l to r): Gene Lloyd, Ben Aikin, Ray Leri (8114-5).

SHOPPING CENTER

SHOPPING CENTER

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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

BOY'S JACKET, heavy winter weight, plaid, size 8-10, \$3. Hicks, 321 Manzano NE, AM 8-8640.

2 TRICYCLES, sizes 2-4 years and 4-6 years; spring-action rocking horse. Syme, 1850 Greta NE, AX 9-4100.

HEATHKIT RECEIVER, "Mohawk," new, assembled, \$250 or best offer. Sharp, 10409 Walker Dr. NE.

3 BRM HOME, near Sandia High, 2 baths, carpeted, patio, landscaped, attached garage, walled, utility area. Padilla, AX 9-4043.

VENETIAN BLINDS, ranging in size from 3' x 3' to 6' x 4', \$3 to \$5. Marsh, 1105 Childers Dr. NE, AX 9-2098.

ELECTRIC WASHER, Apex brand, electric pump, white. Smythe, 1603 Yakima SW.

BAGGAGE RACK, car top, 4' x 8' x 1', \$25. York, AL 5-3097.

ENGLISH SPRINGER spaniel puppies, AKC registered purebreds. Excellent family and field companion, \$50. Barth, BU 2-3134.

'50 OLDSMOBILE 88 Rocket, 2 door sedan, good rubber, one owner, \$250. Houghton, 1413 Guaymas Pl. NE, AX 9-3386.

REFRIGERATOR, '50 GE 9.1 cu. ft., \$45. Rogers, AL 6-9677.

DOLL HOUSE for 9 in. doll, 33" x 22", cedar, w/w carpet, curtains, lights, furnished, \$10 or best offer. Stoever, 1009 Indiana SE, AL 6-2439.

17 in. TV, Motorola with new picture tube, \$60; 4' x 6' 1/4 in. sheet of maple plywood, \$10. Mills, 8027 Princess Jeanne NE, AX 9-2130.

LOUNGE, grey nylon frieze, RCA; royal blue rug, 8' x 10', \$10; RCA 16 in. TV, \$15. Smaller, AX 9-8413.

GIRL'S BICYCLE, 20 in., \$20; 1 pr. girl's ice skates, size 1. Neubauer, AL 6-7068.

HAM RECEIVER SX 96 Heath XMTR, 75 watt separate modulator, \$190 or make offer. Cooke, ext. 31254.

CRIB & MATTRESS, Honeysuckle brand, \$25. Cooper, AX 9-3664.

SWING SET with two swings, bar, rings, ladder and teeter, \$7.50; Manhattan bowling ball w/case, \$16. Galbreath, 3730 Manchester NW, DI 4-4306.

LINED DRAPES, French provincial pattern, 5' x 7' and 8' x 7', made by Modesta's, \$25. Richter, AX 9-0409.

PERSIAN KITTEN, all white, male, subject to registration, 3 months old, very playful and affectionate. Love, AX 9-0956.

CRIB & MATTRESS, \$12. Nelson, 6109 Ponderosa NE, AX 9-8418.

KENMORE IRONER, floor model, used very little, cost \$200 sell for \$90. Kyrilach, DI 4-3083.

INNERSPRING MATTRESS, box springs and bed frame, double bed size, \$25. Harley, CH 2-8795.

REFRIGERATOR-FREEZER comb., Amana, 9 cu. ft. each half, \$375; drops, \$20; cedar chest, \$25; encyclopedias, 46 vol. with bookcase, \$150. Burbridge, ext. 32289.

COUCH with slip cover, \$15; metal bunk beds, complete, \$20; garage door hardware, \$5. Eagan, AL 5-6820.

BLOND CRIB w/drop side, includes mattress, \$20; EvenFlo electric bottle sterilizer, \$4; Hankscraft electric bottle warmer, \$1. Dye, AX 9-6348.

CAMPING TRAILER, 15 ft., '59 model Mercury deluxe, used 12 days, \$975. Skender, CH 7-4555.

GIRL'S BICYCLE, 18 in. with basket, needs paint, \$6. Burns, AL 5-3737.

YOUTH BED & mattress, \$30; bathinette, \$1; combination baby swing and car seat, \$1.50. Gustafson, DI 4-2404.

'58 VOLKSWAGEN Karmann Ghia Coupe Aerosilver, will sell under Aug. retail; will consider trade. Leckman, AL 6-2354, 926 Avenida Estrellita NE.

GARAGE DOOR, single overhead, & all hardware, \$25. Pritchard, DI 4-3184.

RADIO, miniature console, 24 in.; RCA, B.C., S.W. radios; C.B.S. 17 in. TV; \$15 each. Howard, AL 5-7846, 1313 Columbia N.E.

ADMIRAL TV, 21 in., 3-way combination, blond cabinet w/doors, price includes new picture tube, \$195. Valdez, AM 8-5375.

STRAPLESS FORMAL, pink lace & net, size 12, worn once, \$10. Young, AL 6-9158.

DINING ROOM SET, blond mahogany drop leaf table w/six matching chairs, \$50; red upholstered living room chair, \$15. Lloyd, AX 9-5170.

'56 PORSCHE COUPE, AM/FM radio; orig. owner must sell at below book value. Smith, AM 8-5138, 3705-B Aspen NE.

'49 JEEP PICK-UP, 4 w/dr., rebuilt engine. Dunaway, AX 9-1422 after 5 p.m.

KENMORE GAS RANGE, 36 in., \$50. Donaldson, AL 5-8987.

3 BRM HOFFMANTOWN, 1 1/2 baths, carpeting, disposal, large utility, shoppden, garage, landscaped, sprinklers, large lot; FHA 4 1/4%. Goss, AX 9-3093.

ERECTOR SET, large size w/steel case & electric motor, \$19; air compressor w/motor, spray gun & hose, \$53. Welker, AX 9-1179, 8510 Flower Pl. NE.

'54 OLDSMOBILE, '98' 4 dr., 2-tone, R&H, PB & PS, autronic eye, auto. trans., best offer. Smith, ext. 5-2196, 3226 "B" 34th Street.

TIRES (2) less than 1500 miles, 6.50 x 15 nylon, tubeless, \$12.50 each. Melillo, AX 9-0808.

HI FI, quality-matched components, cabinet, corner speaker, preamp., 20 watt amp., changer, AM/FM tuner, \$300; \$225 less tuner. Stevens, AX 9-6086, 8723 Fair banks NE.

BABY TENDA & stroller, both for \$20. Desjardin, AX 9-0077.

DINING ROOM SUITE, solid mahogany with table boards & pads, \$145. Schroer, AX 9-2090.

'56 CUSHMAN DELUXE Highlander scooter w/windshield, speedometer, locking type gas cap, sacrifice, \$170. Wank, AX 9-3450.

TOASTER, 4 slice, never used, in original package, \$15. Blain, AL 6-7114.

2-PIECE SECTIONAL sofa w/slip covers, \$30. Unger, AM 8-3513.

UTILITY TRAILER 4x7 ft., new tires and paint, reinforced tongue, double floor; see at Chevron Station at Eubank & Constitution NE. Cummings.

FREEZER, small chest type, holds 100 lbs. frozen food; linoleum worktop; two wire baskets; \$65. Martin, AL 6-6785, 4631 Hannett NE.

LAPIDARY WHEEL with electric motor, \$25. Magee, AL 6-1358.

ELECTRIC TRAIN, American Flyer, extra tracks, cattle car w/loader, heavy duty transformer, \$30; end table blond plastic top \$10. Rauch, AX 9-7363.

GIRL'S BICYCLES, 24 in. and 26 in. Deely, DI 4-6085.

'22 AUTOMATIC ROGER, 4 3/4 barrel, \$30; Mossberg, .410 w/full and modified chokes, \$25. Wideman, 324 Moon NE after 5:30 p.m.

SKI PANTS, White Stag stretch, size 34 regular, black, \$15. Cotter, AL 6-0326.

MARK V SHOPSMITH with attachments & lathe tools, \$250; Japanese 120 camera, GE light meter w/cases, \$25. Baca, CH 3-0214.

BABY CARRIAGE, Collier folding type w/pad; \$25 or best offer. Heitz, AX 9-5829.

PARROT, yellow-head, and large outside cage, \$40. Cervantes, AL 5-5670 evenings.

REFRIGERATOR, apt. size, 6 cu. ft., 4 metal shelves, ice tray compartment, 23 in. deep, 52 in. high & 25 in. wide, \$50. Stephenson, AX 9-9114 after 5 p.m.

NEXT DEADLINE

FOR SHOPPING CENTER ADS
Thursday Noon, Dec. 17

GE REFRIGERATOR, 8 cu. ft., \$75. Strasburg, AX 9-4214.

RECORD PLAYER, Airline stereo-phonics portable 4-speed w/extra speaker; will sell reasonable. Beezley, DI 4-4459.

POOL TABLE, 82 x 43 in., all accessories, \$80 or best offer. Mocabber, AL 6-7247 after 6 p.m.

BOY'S SPORT JACKET, size 16; 2 prs. slacks, size 16, worn twice. Kraft, AX 9-1278.

ELECTRIC HEATER; reducing couch. Reinertsen, AL 5-1954.

LABORADOR RETRIEVER black, AKC registered female, 1 year, some training. Edens, AL 6-7653 after 5:30 p.m.

MOTOROLA PORTABLE transistor radio, \$30, orig. cost \$79.95; shoe skates, mens 9-1/2, used less than 1 mile, \$10. Scott, AX 9-3412 between 5:30 & 6:30 p.m.

1 WHEEL TRAILER, 4 x 5 x 2 1/2 ft., closed box, \$45; consider trade for .22 Woodsman or 4,000 C.F.M. cooler. Shaffer, AX 9-1845 after 5 p.m.

'51 DODGE pickup, new clutch, other improvements; rough but a real work-horse, \$350 cash. Shaver, CH 2-2583, 119 1/2 Harvard SE.

RECORD CHANGER, Garrard RC-88 w/diamond stereo stylus & walnut base, 3 mos. old, a bargain. Karcher, DI 4-7619.

ELECTRIC RANGE, top grill and extras; best offer takes. Gross, AL 5-7327, 1208 Florida NE.

'57 MERCURY 4-dr. sedan, R&H, PS & PB, \$1500. Crawford, DI 4-7890.

'58 FREEZER, Westinghouse upright, 22 cu. ft., \$285. Baca, AL 5-8452.

PUPPIES, 7/8 collie, seven wks. old. Heinz, AX 9-4821.

'54 OLDS Super "88" 4-dr., R&H, PS, PB and seat, tinted glass, seat covers, major tuneup 11/30/59, \$795. Davis, 4510 Joe Dan Pl. NE after 5:30 p.m.

'59 MGA, 2000 mi., new car warranty still in effect, under book value. Hadady, AX 9-2119.

RCA CONSOLE AM-shortwave radio-phonograph combination, \$65. Laskar, AX 9-1024.

BICYCLE, boy's 26 in. Schwinn, balloon tires, \$15. Officer, AL 6-0337, 4021 La Resolana NE.

FIGURE SKATES, girls Canadian Flyer, size 6, \$15; Westinghouse upright sweeper, attachments, \$20. Martin, AL 6-3384, 1417 Indiana NE.

'59 CHEVROLET, Impala sport coupe, V-8, autom. trans., PS and R&H. Carnicom, AX 9-9262.

ELECTRIC RANGE, GE 36 in., \$50. Evans, AM 8-8419 after 5:30 p.m.

ACCORDIANA ACCORDIAN, blue & white, 120 bass, 1 yr. old, reasonable. Buck, AX 9-8313 after 5:30 p.m.

'56 FORD Parklane station wagon, PS, T-Bird motor, \$300 my equity, take over payments; alto saxophone, reasonable. Long, AX 9-6146 after 5 p.m.

GIRL'S BICYCLE, 16 in., one yr. old w/training wheels, \$14. Ayers, AX 9-1055 after 5 p.m.

DRAW DRAPES, matchstick bamboo, 14x8 ft. and 4x2 1/2 ft., \$20; crib with mattress, \$10; baby buggy, \$1. Humble, AL 5-3706.

BICYCLE, 24 in. boys Higgins, \$20. Sharp, AX 9-3745.

ADDING MACHINE, Underwood electric, 10 key, w/abstract, List 8 column. Bishop, AL 5-3602 after 5:30 p.m.

SMALL TRICYCLE, \$7; bookcase, \$3; "Safety-Server" infant's serving table, adjustable legs, \$15; large upholstered armchair, \$20. Shunney, AX 9-2787.

30-40 KRAG SPORTER, Peep sight, scope mounts, recoil pad, sling, over 100 rounds of ammunition, \$45. Quigley, AL 6-6622.

BABY CARRIAGE, can be used as car bed \$15; maple crib, \$5; Caloric gas stove, \$15. Dauphine, AL 5-6367.

ACCORDIAN, 120 bass w/carrying case & straps. Montoya, CH 2-6729, 1320 Neetsie Dr., SW.

RADIO-PHONO Combination, \$20; metal TV stand, \$2; two chairs, \$7; round stand table, \$10. Dillard, AL 6-6039, 2729 Monroe NE.

POOL TABLE, approx. 4 x 7 ft., 2 in. balls, 4 cue sticks, 1 yr. old, cost \$89.50, will sell for \$50. Spatz, AX 9-0410.

'58 CADILLAC Sedan de Ville, 12,000 mi., all power equipped, AC, \$4375. Mohart, AL 5-7805 between 6 & 8 p.m.

VOIGTLANDER PROMINENT FI-5 w/wide angle lens, finder case, filters, accessories, \$275. Pickett, AX 9-7120.

PORTABLE RADIO, Zenith Transoceanic, needs battery, \$60. Souther, AX 9-2964.

ELECTRIC STOVE, 36" GE pushbutton, large oven, broiler, 4 elements, convertible deep well, \$90. Olson, AX 9-3615.

GAS STOVE, Kenmore 36 in., \$50. Donaldson, AL 5-8987.

BRADLEY PIANO, upright, walnut finish, \$150; will assist delivery. Robnett, AL 5-6083, 117 Hermosa Dr. SE.

BRITANNICA JUNIOR Encyclopedias w/year books, best offer or trade for adding machine; Hollywood rotisserie, size 12x11x21. Keyser, AL 6-1285.

CHIHUAHUA male and female, AKC registered, \$50 both. Chavez, AL 5-4155.

O-GAUGE LIONEL, 3 engine units, 7 assorted cars, 35 track sections, 2 remote switches, 275 watt transformer, \$75. Suiter, AL 6-9662.

"ICE CREAM PARLOR" TABLE, 24 in. round wrought-iron, pink formica top, two chairs, \$20. Mullin, AL 5-9194.

CEMENT MIXER, 2 1/4 cu. ft. Sears, brand new with 1/2 HP electric motor, \$50 cash. Arnot, CH 2-2879.

CHINA CABINET, mahogany, \$35; 270 Winchester, \$90 (w/scope, \$120); autom. Remington 12 gauge w/two interchangeable ribbed barrels, \$85. Butler, AX 9-5626.

33 FT. SPARTAN ROYAL MANSION, sleeps 6, & lot in Sandia Knolls, water, electricity, school, church, \$300 down, \$2995 total. Greene AL 6-3671 evenings.

NC-300 RECEIVER, Xmas gift for hams, \$250. Wilson, BU 2-3225.

LIONEL TRAINS, 2 sets, 63 piece track, 2 sets remote control switches, 2 cross-overs, 2 transformers, extra cars, \$50. Layton, ext. 5-2174, 2041 Jensen NE.

25 HP MARINE INBOARD ENGINE, new, \$75 or best offer. Sullivan, AX 9-7904, 329 Erbe NE.

'58 AUSTIN HEALY "Sprite," a 40 mpg sports car, top speed 85 mph; sacrifice \$1525. Olguin, 1618 Ross Pl. SE (West of 1600 Blk. Ridgecrest SE).

'57 PONTIAC station wagon, all power including factory air; \$1850 or take older car down payment. Anderson, DI 4-5094, 4317 San Andres NE.

COLDSPOT REFRIGERATOR, 9 cu. ft. w/new GE sealed unit, \$50; '37 La Salle, floorshift transmission, complete, make offer. Fairbanks, AM 8-1510.

ENCYCLOPEDIA AMERICANA, 30 volumes, 5 annuals, bookcase, 17 volumes Science and Lands - Peoples, like new, \$200. Radman, ext. 35273.

RUG, 12 x 15 rose beige cut cotton w/pad, \$45. Barth, AX 9-2668.

DINING SET, large table, 6 chairs, walnut, \$25; trumpet, Martin, w/case, \$75. Barrett, AM 8-2963 after 5:30 p.m.

COMMERCIAL FREEZER, 74 x 24 in., 3 compartments, priced for quick sale, \$125. Amador, CH 2-2080, 1229 Forrester NW.

SKI BOOTS, size 8 1/2 D or E width, and ski pants, waist 35-36. Chase, AX 9-7321 before 2 p.m.

RELIABLE WOMAN to cook two meals a day for elderly man in vicinity of Carlisle and Anderson SE. Sandin, DI 4-5359.

TO BUY girl's 20 in. bicycle, Syme, AX 9-4100.

RIDERS, share expenses, help drive to Chattanooga, Tenn., or part way; leave Dec. 18, return Jan. 2. McDonald, ext. 2-2132 after 6 p.m.

GOOD HOME for AIREDALE, purebred, 8 mos. old, male, ready to train, all shots. Harwood, AX 9-1194, 9901 Aztec Rd. NE.

TO BUY METRONOME, Houghton, AX 9-3386.

WOMAN for room and board, washing included in quiet clean home. Cosstick, AM 8-7454, 2319 Alvarado NE.

BASS VIOLIN, reasonable to donate to Lourdes Boy's School. Sanchez, CH 3-0665.

TRADE-S & H Green stamps for Gold Bond or vice versa. Toland, 405 Iron SE.

CHILD CARE in my home, walled yard, close to Sandia, Buena Ventura addition, reasonable rates. Blagg, AX 9-8624.

'49 or '50 FORD station wagon. Young, AL 6-9158.

TRADE 3 Thunderbird & 1 S & H Green stamp books for Gold Bond Stamp books. Shock, CH 3-8068.

TO TRADE 2 BRM HOME on large lot for small farm with house out of city limits, preferably Los Lunas area. Haley, DI 4-3919.

GERMAN LUGER & Mauser pistols; also Nazi swords & old Sheffield knives. Smith, AX 9-1096.

ATTENTION KNITTERS: Want collection of "Vogue Knitting" magazines between 1950-58. Joseph, AX 9-6989.

HOMES FOR KITTENS almost 7 wks. old, ready Dec. 24; black longhaired, related to 3 ribbon winner at cat show. Edgar, AL 5-9070.

CHILD CARE in my home. Barth, AX 9-2668.

GENTLEMAN to share furnished two brm. apt. w/patio. Carli, AL 6-2781, 1832 Alvarado Dr. NE.

WONDER TYPE ROCKING HORSE for Christmas. Merillat, CH 2-4873, 618 Sycamore NE.

CHILD CARE—will give excellent care to baby or small child in my home while mother works. Mullin, AL 5-9194, 336 Mankin NE.

BOY'S BICYCLE 20 in., reasonable. Tatum, CH 2-9021.

HOME for spayed female Fox Terrier; good with children. Donaldson, BU 2-3175.

TENOR-SAX MAN & electric bass man to play rock 'n' roll. Young, AX 9-8237 nights, CH 2-1488 days.

LOST AND FOUND

LOST: Grey leather gloves; Nash hub cap; Rambler key; red wool glove w/gold beads; dark red penknife; denim jacket lined; 2 keys on SC chain. Lost and Found, ext. 26149.

FOUND: 4 keys on chain w/Massey Ferguson emblem; gold leaf bracelet; safety glasses; brown fur lined gloves found at CC parking lot; lady's tan leather gloves; cufflink w/atomic pattern; 300 ft. tape measurer; black frame prescription sun glasses; diamond WE tie clasp; tan leather gloves. Lost and Found, ext. 26149.

FOR RENT

FURNISHED 2 BRM APT. deluxe, redecorated, color tile bath, AC, hardwood floors, \$125. Newman, AL 6-0166, 121 Madison NE.

2 BRM Home, den, sewing room, w/w carpeting, drapes, unfurnished; \$100, no bills paid, available Jan. 4. Seaburn, 9009 Cottonwood NE, AX 9-1316 evenings.

LIVERMORE FOR SALE

BOAT, 14 ft. Ladd Ski, black & white, trailer included. Hunter, Elgin 1-7817 after 5:30.

'48 FORD TRUCK pick-up, 4-speed transmission, \$275. Arnett, HI 7-4759.

'36 FORD coupe. Darmohray, HI 7-3795.

WANTED

LOADING DIES for .348 and .44-40. Pritchard, AL 5-6949.

WILL TRADE 9-watt transmitter and miscellaneous equipment for some useful item of equal value such as camera, etc. Montoya, CH 3-3252.

WOMAN'S SKIS and ski equipment. Spray, AX 9-0412.



RADIOLOGICAL DEFENSE Chief Bob Verdier (8124) holds an ion chamber, one of many instruments used to detect fallout.

Volunteer Work

Bob Verdier Trained Head of Radiological Defense Group

In case of a national or regional emergency, a Livermore Laboratory engineer will be busy directing teams of highly-trained people equipped with Geiger or ion counters. He will maintain constant radio contact with the Sacramento headquarters of the California Radiological Defense, known as RA-DEF.

Bob Verdier (8124) serves as volunteer chief of Livermore's RADEF unit. He has been involved in radiological defense training for four years. He and his assistants operate a 4 ft. by 6 ft. metal trailer, provided by the State of California, which carries six walkie-talkie units, 15 Geiger counters, six ion chambers, regional maps, its own generator, spare gas and batteries, first aid equipment, and tables and chairs.

The unit can be hooked to any passenger car and moved to any location in a 100-mile radius in an emergency.

Bob says they are also equipped to help victims in case of a natural disaster such as a fire, earthquake or flood. "But our primary function is to keep track of the amounts of radiation in the air in case of an atomic attack, and to

determine the amount of radiation absorbed by evacuees. If they receive a toxic dose, we will send them to the hospital for treatment," says Bob.

He firmly believes in being prepared for any emergency, knowing that "it can't happen here" is a dangerous philosophy. Bob was born in France, and while still in his teens during World War II, he escaped from a concentration camp and worked for the French resistance group.

In 1948 he came to the United States, became an American citizen, and joined Livermore Laboratory in July 1956.

To help others understand RA-DEF, Bob is planning to teach a radiation course at the Livermore High School early next year. The course, open to both men and women, and even high school students, will include plotting radioactive intensity charts, use of Geiger counters and ion chambers, and the basic fundamentals of atomic fallout.

Anyone who is interested in taking the course is asked to call Bob on ext. 2491 for further information.

Ernest Orlando Lawrence Memorial Award for Young Scientists Established by Atomic Energy Commission

John A. McCone, chairman of the Atomic Energy Commission, has announced the establishment of an Ernest Orlando Lawrence Memorial Award.

The recently established award is for especially meritorious contributions to the development, use, or control of atomic energy in areas of all the sciences related to atomic energy, including medicine and engineering.

The award was established to honor the memory of the late, noted scientist, Dr. Ernest O. Lawrence, director of the Radiation Laboratory at Berkeley and Livermore, which is operated for the Commission by the University of California.

Dr. Lawrence died on Aug. 27, 1958. The laboratory has since been named the "E. O. Lawrence Radiation Laboratory" in his honor.

The award, which will be made by the Commission upon the recommendation of its General Advisory Committee and with the approval of the President, will consist of a medal, a citation and

up to \$25,000. It will be made to not more than five recipients in any one year in the amount of not less than \$5,000 each, but not necessarily every year, and will be presented in the spring of the year, to men or women who are not more than 45 years of age at such specific time and place as is determined by the Commission. The recipients must be United States citizens.

Mr. McCone proposed the establishment of the award on Aug. 28, 1958, in a letter to President Eisenhower, in which he wrote: "The passing of Dr. Ernest O. Lawrence is a great loss to our country. It is my belief that his memory as well as his great contribution to the advancement of scientific development in this country and, for that matter, in the world should be perpetuated."

In his reply, the President wrote to Mr. McCone: "I strongly agree that the memory of Dr. Lawrence, as well as his great contributions, should be commemorated. To that end, I request that you initiate action to establish a memorial award bearing his name, for espe-



REPRESENTATIVES of 40 civic organizations met last week to plan Great Decisions — 1960 program in Albuquerque. Shown above are (l to r) Mrs. Glen O. Ream, representative of American Association of University Women, Don Jenkins (3130), Great Decisions group leader, and Lynn E. Castle (3132), chairman of the Albuquerque Great Decisions committee for the second year.

Supervisory Appointment

JAMES A. SMITH to supervisor of Section 3133-1, Personnel Research Division.



Jim has been working in the Personnel Research, Training and Education Department since he came to Sandia 14 months ago.

Previously he was 11 years with Western Union Telegraph Co. in New York City, holding the position of manager of employment and training at the time he left there.

Jim holds a Bachelor's degree in business administration from Niagara University, an MS degree in industrial management from Columbia University and has taken special courses at Cornell University.

During World War II he served three years in the Army, some of the time in Europe.

Jim is a member of the American Society of Training Directors.

Reads Technical Paper

At the Thanksgiving meeting of the American Physical Society, J. W. Northrip (5132) presented a paper on "High Temperature Discharges from Ferro-electric Ceramics." The meeting was held at Case Institute of Technology in Cleveland, Ohio.

cially meritorious contributions in the broad field of atomic endeavor.

"Such an award would seem to me to be the most fitting both as a recognition of what he has given to our country and to mankind, and as a means of helping to carry forward his work through inspiring others to dedicate their lives and talents to scientific effort."

The Ernest O. Lawrence Memorial Award and the Commission's Enrico Fermi Award are both authorized in Section 157 b. (3) of the Atomic Energy Act of 1954, but the Lawrence Award is designed especially for the recognition of young scientists who have made recent, especially meritorious contributions to the development, use or control of atomic energy while the Fermi Award is based upon the lifetime contributions of theoretical and experimental scientists.

Dr. Lawrence was the recipient of the Fermi Award on Dec. 2, 1957, "for his invention and development of the cyclotron and for his many other contributions in nuclear physics and atomic energy."

'Great Decisions' Program Launched Here Last Week

"Great Decisions—1960," a program of discussion of the vital issues of American foreign policy, got underway in Albuquerque last Friday when representatives of 40 Albuquerque civic groups met to plan and organize coming activities.

L. E. Castle (3132) will again serve as chairman of the Albuquerque program, a position he held last year, when some 1000 Albuquerqueans participated in discussion groups. R. A. Quelle (3121) served as secretary to the Great Decisions committee.

Basic plan of the Great Decisions program is to organize small neighborhood groups, usually 10 to 14 persons, to meet once a week for eight weeks to discuss topics such as "What Are U.S. Objectives in the World?" and "Communist Timetable for 1960—What Odds?" The discussions will be starting during the week of Feb. 7, 1960.

Fact sheets are provided at cost (\$1 for the series) by The Foreign Policy Association, a non-profit educational agency, non-partisan and non-governmental. The aim of the program is better public understanding of the critical international issues facing the American government and people. The Great Decisions program is nationwide with some 500 communities participating.

At the close of each discussion session opinion ballots are filled out and mailed to a central point from which summaries will be published locally each week and sent to the State Department.

The Albuquerque Public Librar-

ies will again serve this year as distribution points for the fact sheets.

Many Sandians participated in discussion groups last year and found the experience enlightening and rewarding. Many are helping organize discussion groups for the coming series.

Participating in the program of the organizational meeting were T. B. Sherwin (3431), Don Jenkins (3130), and Mr. Castle.

Anyone interested in participating in discussion groups or helping to organize groups is urged to contact Mr. Castle, ext. 31261, or Mr. Sherwin, ext. 26150. Explanatory literature is available and will be distributed to employees through the Booklet Rack service in the near future.

Metal Trades Council Announces Election Of Officers for 1960

The Atomic Project and Production Workers Metal Trade Council held an election at their regular meeting on Dec. 2, 1959.

The following were re-elected as officers for the 1960 term of office: Harold E. Burrell (4224), president; Edward J. Peterson (4254), vice president, and John C. Sitts (4511), financial secretary. Other new officers are: Leland Pierce (2251), recording secretary; Herman T. Gower (4513), sergeant-at-arms; Millie Oberle (3462), Allen J. Williams (4512) and Max Miller (4514), trustees.

Heavy Social Schedule Planned By Sandia Groups During This Month

December will be party month at the Coronado Club with Christmas festivities planned by 12 organizations in the main ballroom and the smaller La Cana room being used by nine groups.

Buffet dinners, followed by dancing, were scheduled in the ballroom by organizations on these dates: Dec. 3, Industrial Relations organization 3200; Dec. 4, Purchasing organization 4300; Dec. 5, Electronic Data Processing 3450; Dec. 10, Manufacturing Operations organization 2200, and tonight, Comptroller organization 4100.

During early December La Cana room was used by Scheduling and Ordering Division 3442 on Dec. 4, Radiation Effects Division 1626 on Dec. 5 and Telemetering Systems Division 5223 tonight.

Forthcoming Christmas parties in the ballroom include: Dec. 12, Personnel organization 3100; Dec. 15, Manufacturing Development organization 2500; Dec. 16, Inspection organization 2700; Dec. 17, Systems Development organization 1200; Dec. 18, AEC-ALOO; Dec. 19, Materials and Standards Development organization 1600, and Dec. 23, Design Services organization 4400.

Parties in La Cana room during that same period will include: Dec. 12, Automated Data Projects Division 1522; Dec. 16, Electronic Devices Department 1410; Dec. 17, Electronic Test Equipment Department 1540; Dec. 18, Technical Art Division 3463; Dec. 19, Programming organization 2600, and Dec. 23, Research organization 5100.