

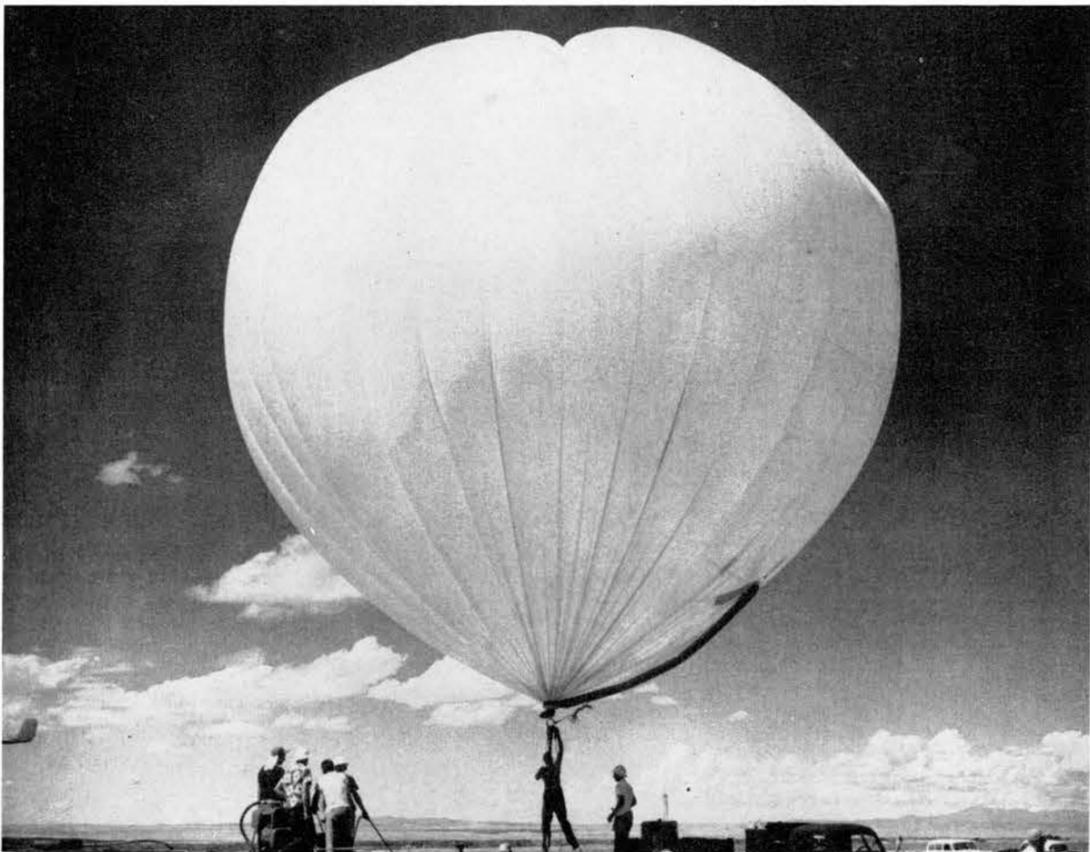
SANDIA LAB NEWS

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

Vol. 8, No. 5

ALBUQUERQUE, NEW MEXICO

MARCH 9, 1956



CAPTIVE BALLOON being prepared to go aloft by personnel of Sandia Corporation's Full Scale Test Department is similar to those used last month at the Los Lunas Bombing Range. The large balloon is made of polyethylene covered with nylon and is moored to the ground while tests are being conducted.

Sandia's Captive Balloon Experiments Viewed as 'Saucers' in Los Lunas, Belen

Residents of Belen and Los Lunas, puzzled by the appearance of "flying saucers" in that area last month, actually witnessed captive balloon experiments conducted by Sandia Corporation's Full Scale Test Department, 5230, at the Los Lunas Bombing Range.

The tests, similar to those conducted in 1954 by Sandia Corporation, were carried out under the direction of James Scott, A. Dean Thornbrough, H. G. Laursen and Ed Wood, all of the Field Test organization.

Two large nylon-covered polyethylene balloons, one three times as

large as the other, were used in the tests to determine cable strain, instrument positioning, wind velocities and directions.

More than 25 persons took part in the tests. Assisting in the operation were members of the Plant Services Organization, 2400, who helped prepare the site for the tests by building roads, erecting concrete "dead men" to anchor the balloons and moving all heavy equipment.

The helium-filled balloons used in the tests were flown at heights of 700 and 1500 feet during the test series, which was concluded at the end of last month.

Committee Announces Changes In Hospital-Surgical Plan

Sandia Corporation's Committee for the Group Hospital and Surgical Plan announced yesterday that a \$35 deductible clause will be included in the insurance plan effective May 1. There will be no increase in premium rates.

The committee explained that such action was necessary as claims "far exceeded estimates used in establishing premium rates." From January to December of last year \$336,024.78 was received in premiums as opposed to \$358,736.62 paid out in claims. The \$35 deductible clause was inserted to put the plan on a sound financial basis, the committee said.

An analysis of claims for the year 1955 reveals that approximately half the subscribers filed claims and that settlements for reimbursable expense ranged from \$3 to \$1,500. Had the \$35 deductible been in effect for non-maternity claims it is estimated that the pay-out would have been reduced by \$73,000, which would provide sufficient premium income for administrative expenses and reserves.

Such an improvement is expected in 1956.

In making its decision the committee felt that the 4600 employees covered by the plan would prefer to have no increase in rates and yet maintain benefits at as high a level as possible.

The \$35 deductible clause applies only to hospital claims and means that employees would pay the first \$35 of any reimbursable hospital expense. There will be no change in the Maternity, Obstetrical Surgical and Medical benefits; and the deductible clause will not apply to these benefits.

To compensate somewhat for the change, the plan has been improved in two areas where need has been found. This was done by providing coverage of infants from birth instead of from 14 days of age and of unmarried dependents who are full-time college students and are under the age of 23 rather than age 19.

Any claim incurred prior to May 1 or in process at that time will be paid under the provisions of the present plan, the committee said. It was also decided that if the financial picture improves sufficiently negotia-

Visiting Nurse Service Available to Everyone When Trouble Strikes

When illness or trouble strikes a home, the Visiting Nurse Service, Inc., is ready to offer many kinds of assistance, officers of the service are reminding Albuquerque residents.

Patients who can pay full rates help to support the part pay and free patients of this local organization which is a member of the Albuquerque Community Chest. Services include home or office injections, dressing changes, bed care, teaching of home nursing techniques and many others.

These are services made possible by your contributions to the Community Chest, services for those who cannot afford to pay the full rates.

Office of the Visiting Nurse Service is in the Bernalillo County Court House, telephone 2-3401.

First Aid Training Popular With Employees

More than 250 employees expressed interest in taking first aid training as a result of the article which appeared in the last issue of the *Sandia Lab News* and the bulletin distributed to all employees.

Members of the committee include R. B. Powell, 3100, J. W. Jones, 1214, C. W. Campbell, 1900, R. Findlay, 2230, D. S. Tarbox, 2350, E. W. Baldwin, 4130, C. W. Dickinson Jr., 4110, R. D. Statler, 5262, A. J. Roth, 5424, and E. W. Peirce, 3120.



LIVERMORE, CALIF.—The University of California Radiation Laboratory at Livermore, where Sandia Corporation's new branch is located, is a few miles east of the town. Located in the Livermore Valley, south and west of San Francisco about 50 miles, the area has a delightful climate with a succession of warm, sunny days and cool invigorating nights, with almost complete freedom from fog. The next issue of the *Sandia Lab News* will carry a story and pictures about UCRL and the surrounding area.

Sandia Corporation Livermore Branch Will Provide UCRL Ordnance Support

The AEC confirmed yesterday that Sandia Corporation will handle expanded ordnance engineering functions for the University of California Radiation Laboratory at Livermore, Calif. The Sandia Branch at Livermore will be headed by W. J. Howard, 1250. He has already assumed his duties there.

Sandia Corporation plans to build its staff at Livermore to several hundred by July, 1957. Most of those hired for or transferred to Liver-

more will be engineers and draftsmen.

A majority of the new employees will be recruited locally in the Bay region. Sandia Corporation will continue its present functions in Albuquerque as well as developing its Livermore branch.

The University of California Radiation Laboratory staff at Livermore now totals 1,800. Approximately 800 employees will be added at Livermore by UCRL by July, 1957.

Students Hear of Jobs Available in Own 'Back Yard'

"Green pastures can be found in Albuquerque" was the theme of a recruiting talk given to more than 500 Albuquerque High School seniors recently by H. F. Gunn, 3153.

Mr. Gunn was introduced by Albuquerque High School Principal Glen O. Ream, who told the students they would hear recruiting talks by as many as 50 companies from all over the United States before the end of the semester.

The students were told by Mr. Gunn that many positions were available to them "in their own back yard" at Sandia Corporation.

Addressing his remarks to those students who would be seeking employment upon graduation, Mr. Gunn said that in a research and development installation such as Sandia Laboratory, each engineer requires four persons to support his technical activities. He explained that high school graduates could assist Sandia Corporation engineers as draftsmen trainees, machinist's helpers and in the clerical and secretarial fields.

AIEE Members to Hear UNM Student Papers

Northern New Mexico Section of the American Institute of Electrical Engineers will meet at 7:30 p.m. Mar. 21 at the Electrical Engineering Bldg., University of New Mexico campus. Students presenting technical papers will be heard.

The student with the best paper will be sent to Dallas, Tex., to attend the AIEE Southwest Conference which will be held Apr. 2-4.

Gen. Canterbury to Tell IRE Members Of Weapon Center

General W. M. Canterbury, Commanding General of the Air Force Special Weapons Center at Kirtland

Air Force Base, will address the Albuquerque-Los Alamos Section of the Institute of Radio Engineers at its Mar. 22 meeting.

Gen. Canterbury will discuss "The Air Force Special Weapons Center" at the meeting, which will be held at 8 p.m. in Rm. 101, Mitchell Hall, University of New Mexico campus.

Gen. Canterbury, who was named commanding officer of the Special Weapons Center on July 25, 1954, is a graduate of West Point, class of 1934. He took part in Operations Crossroads in July, 1946 and was named Director of Research and Development at Sandia Base in September, 1947.

D. B. Owen Named Member of Special Statistics Group

Donald B. Owen, 5124, has accepted an invitation from the Institute of Mathematical Statistics to serve for one year on its Committee on Mathematical Tables.

A statistician in the System Analysis Department for the past one and one-half years, Don holds a PhD in mathematical statistics from the University of Washington.



Gen. Canterbury



SANDIA LAB NEWS

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Frances Ramsey, Dick Dickson, Assistant Editors
 Robert S. Gillespie, Editor



Want to Join SPEBSQA?

Gil Wallace, 2553, president of the Society for Preservation and Encouragement of Barber Shop Quartet Singing in American, Inc., is urging any person interested in singing and harmonizing to join SPEBSQA. The Society has a 49-man chorus and three organized quartets. Meetings are held every Tuesday night, 8 p.m., in the Hilton Hotel. For further information contact Wallace, ext. 23142.

Heads Gem Club

For the fourth consecutive year, Dean Wise, 2132-1, has been chosen to head the Albuquerque Gem and Mineral Club. His other officers include Major James W. Kerr, Sandia Base, vice-president; Charles E. Arthur, 1621-4, treasurer; Dorothy McKee, AEC, corresponding secretary; and Hilda Szerlip, Albuquerque, recording secretary. Elected to the Board of Directors was David B. Miller, 2512.

Train Excitement

Wayne Davis, 5123, was aboard the Pennsylvania Railroad Embassy when it was derailed Feb. 23 near Baltimore, Md. The accident, in which several passengers were killed and others injured, occurred on a run between Washington, D. C., and Baltimore. Wayne reports that the car in which he was riding was derailed, but did not turn over, and he escaped injuries.

Another Sandian, Bob Flanagan, 5123, was scheduled to take the train but missed it by 10 minutes.

Three-Time Winner

Evelyn Ricard, 5131-1, took top honors in the recent City Women's Bowling Tournament by winning the singles, doubles and the all events championship. She also joined with her team to win the team title. She will compete in the State Bowling Tournament to be held in Gallup Mar. 17, 18, 24 and 25.

Touring Sandians

Dave Clenny, 2112-2, and family recently visited Dave's mother in Los Angeles to introduce her new grandson. Returning from a trip to San Diego, Los Angeles and Phoenix are Pat White, AEC, and family. Color slides made on a recent trip to Hawaii by Bill Gustafson, 5226, and wife were shown recently to Sandia friends at the couple's home.

Back at Work

Org. 2532-3 welcomes back Lou Pinger after a lengthy illness.

Stamps for Veterans

Stamps are wanted by Laurence Meissen, 2153-2, for his son and other servicemen in the Veterans Administration Hospital, Fort Lyons, Colo. "Stamp collecting is providing excellent occupational therapy for the sick and injured men" according to Meissen.

"This is an excellent time," he says, "for collectors who have unwanted duplicates or noncollectors who just have any stamps, foreign or U.S., to send them to him, 232 Utah St. NE, or directly to his son, James Meissen, Building 7, VA Hospital, Fort Lyons, Colo. Meissen's extension at Sandia is 26247.

Undergoes Surgery

Lewis Weber, 10-year-old son of Max Weber, 5122, is undergoing hand surgery today in San Francisco. A muscle transplant in his left hand is to repair after-effects of a polio attack suffered in September, 1954. His parents accompanied Lewis on the trip, and the three are expected back in Albuquerque next week.



SKILLFUL SKIING earned for these four Sandians a trophy from the Ski School at Squaw Valley, Calif. L to R are Ray Harrison 2441, Marilyn DeBetty 7411-3, Zelma Beisinger 5123, Kevin Moriarty 4121. They haven't decided who's going to claim the cup.



YOUNG TALENT — Jacqueline Harper, 13-year-old daughter of Jack Harper, 2231, and Margie Harper, 2462-4, is a member of Albuquerque's Teenager Figure Skating Club.

4 Sandia Speakers In Quality Control Panel Discussion

A panel of four speakers from Sandia Corporation will discuss "Application of Quality Control to Continuous Production" at the Mar. 20 meeting of the Albuquerque Section of the American Society for Quality Control.

Taking part in the panel discussion will be J. L. Williams and G. O. Hawley, both of 5511, T. G. Ogden, 5512, and A. S. Hayes, 2542. The meeting will be held at 8 p.m. at Mitchell Hall on the University of New Mexico Campus.

Salvage Yard to Close One Week for Inventory

Sandia Corporation's salvage yard will be closed for inventory from Mar. 26 to Mar. 30, opening for business Monday, Apr. 2, it was announced by Frank A. Baczek, 2352.



CHECKING THE BOOKS in preparation to submitting a quarterly report to the Credit Union's board of directors is the C. U.'s supervisory committee made up of (L to R) Joe Miller 4135, D. C. Held 4152, and Ed Herrity, 4135. The committee also submits half-year reports to the Federal Credit Union district office in Dallas, Texas.

Credit Union Supervisory Committee Works at Task 300 Hours Per Year

Three Sandians, elected by the members of the Sandia Corporation Federal Credit Union, work voluntarily long hours after 5 o'clock to see that the Credit Union continues its fine record of accuracy.

The three, Joseph S. Miller 4135-2, Edward D. Herrity 4135-1, and Dan C. Held 4152-2, make up the supervisory committee of the credit union. Their duties include the examination of all accounts to check for accuracy, compliance with Federal Credit Union directives and the policies of

the board of directors of the Corporation's credit union.

The supervisors also run a continuous audit of the credit union's funds as a responsibility to the organization's 13,500 members. At last count, the credit union has outstanding 2315 loans to its members.

It's a time-consuming job, according to Mr. Held, who said that the three supervisors last year spent a total of 300 hours after work on credit union business.

"Best Buy on Earth"

Investing in U. S. Savings Bonds is becoming more and more popular according to recent statistics.

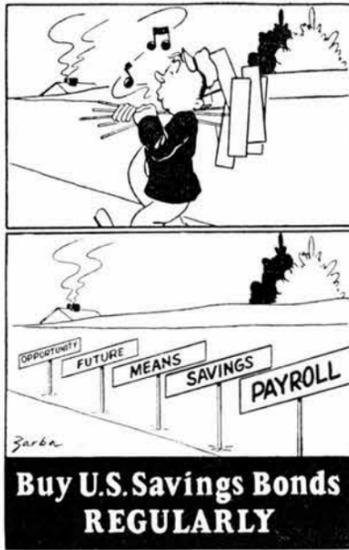
An all-time high of 40 million people now own 39 billion dollars worth of the bonds. In industry and business, eight-and-one-half million people have joined the Payroll Savings Plan and are buying bonds at the average rate of \$20 a month. About 425 Sandia Corporation employees are taking advantage of payroll deduction, putting aside \$15,000 a month for bonds.

The bonds return four dollars for every three dollars employees invest in them, and have gained the reputation of the "best buy on earth" because as an investment they are absolutely safe. Unlike cash, if Savings Bonds are lost, stolen, or destroyed, their owner may obtain substitute bonds. All bonds may be converted into cash without notice any time after they are two months old.

Recent figures released by the Treasury Department indicate that most people have held their bonds. More than 75 per cent of the bonds originally purchased in the early 1940's are still in the hands of those who bought them.

They have passed the 10-year maturity date at which a \$75 investment becomes a \$100 yield and they are now moving towards their second maturity date of 20 years when \$75 put into bonds returns \$133.33.

It's easy to make out a payroll deduction form for U.S. Savings Bonds. Get one from your supervisor.



Buy U.S. Savings Bonds REGULARLY

Name Henderson to Head Tech Society Guidance Committee

R. W. Henderson, Director of Systems Development, 1200, has been named chairman of the New Mexico Council of Technical and Scientific Societies' Educational and Guidance Committee. He replaces R. L. Brin who resigned.

The purpose of the committee is to offer assistance and guidance to students to arouse their interest in engineering and the sciences.

Elect H. R. Hanen ASTE Chairman

H. R. Hanen, 2542, will be installed as new chairman of the Albuquerque chapter of the American Society for Tool Engineers at the ASTE dinner meeting Mar. 15. He replaces J. C. Moody, 1651.

Other officers who will be installed at the meeting, which will be held at 8 p.m. at the Hilton Hotel, are Paul Stewart, 2532, first vice chairman; J. R. Felter, ACF, second vice chairman; Henry L. Durflinger, 2532, secretary; Robert W. Frow, ACF, treasurer; Nick Sannella, Jr., 1422, national delegate; and A. H. Stuart, ACF, alternate delegate.

Radio Club Meets

The Sandia Base Radio Club will meet Mar. 12 at 8 p.m. at Bldg. 364, Sandia Base. The program for the meeting has not yet been announced.



Wedding Anniversary

The 25th wedding anniversary of Mr. and Mrs. J. A. Ozmina, 2721, was celebrated Feb. 11 by a duplicate ceremony with their same wedding attendants. A large reception at the couples home, 1012 Parsifal NE, was attended by about 250 persons.

Valparaiso Tech

The Delta Chapter of the Valparaiso Technical Institute Alumni is giving a dinner party tonight, 7 p.m., at the Casa Buon Appetito, 219 Claremont Ave. NW.

For additional information, phone Jerry Donaldson, ext. 46233.

Promotions

WARREN H. CURRY to supervisor of the newly-created Engineering Aerodynamics Division, 5144.



He has been active in the aerodynamics field for 10 years, five of which have been spent here at Sandia. Prior to coming here, he worked with the University of Michigan Engineering Research Institute three years.

Warren formerly was associated with the guided missile program in General Electric's Schenectady, N. Y., plant and served a research assistantship with the University of Michigan while working toward his Master's degree in aerodynamics. He holds Bachelor of Science degrees in engineering and mathematics from Michigan University, which in 1947 awarded him a Professional degree in aeronautical engineering.

He is a member of Tau Beta Pi, engineering honorary, Sigma Xi, research society, and the Institute of Aeronautical Sciences.

PAUL W. ROWE to supervisor of the Analytical Aerodynamics Division, 5141.

Paul has been employed as an aerodynamicist in this division since July, 1951. Formerly he served for three years on the faculty of Iowa State College as associate professor of aeronautical engineering.



Prior to receiving his Master's degree in aeronautical engineering from Ohio State University in 1948, he was research associate there and also worked six months as test engineer with Pratt and Whitney Aircraft, E. Hartford, Conn.

His undergraduate work was done at Iowa State and University of Minnesota under the Navy's V-12 program. After obtaining his B.S. degree in naval technology from the latter school, Paul was assigned for six months to the Naval Air Test Center, Patuxent River, Md.

In college he became a member of engineering honorary, Tau Beta Pi, and aeronautical engineering honorary, Tau Omega.

RAYMOND J. GORNEY to supervisor of the re-organized Section 2153-1, Mechanical Department.



A Sandia Corporation employee since October, 1948, Ray started here as a machine operator, advanced to leadman of the machine shop, later became co-ordinator between engineering, fabrication and tooling. His most recent position has been that of layout operator.

A native of Chicago, Ill., he previously worked in the tooling and tool designing departments of several manufacturing concerns there which included Bendix Aviation, Central Commercial Co., Illinois Gage Co., Davidson Manufacturing Co.

He served his four-year tool apprenticeship with International Harvester and studied tool design at Illinois Institute of Technology.

Engineers Re-elect Metzger as Director

A. B. "Burt" Metzger, 3210, Sandia Corporation Safety Director, was re-elected National Director at the annual convention of the New Mexico Society of Professional Engineers held in Albuquerque last week.

In this capacity he will represent New Mexico at the National Society Board Meetings.

DEAN S. WISE to supervisor of Mechanical Measurements Section, 2132-1, Electronics and Standards Department.



Dean joined Sandia Corporation in October, 1950, as a model and instrument maker and until recently has been a layout operator in the Model Shops.

His background includes nearly 20 years in the tool making field, three of which were spent at the Oak Ridge National Laboratory in Tennessee. Other employment was in Ohio, principally in Cleveland and Columbus. He completed his apprenticeship in Zanesville, O., with and J. B. Owens Tile Co.

Having attended both Otterbein College, Westerville, O., and the University of Akron Engineering School, he later took extension courses in mathematics at the University of Tennessee.

LEON D. SMITH to manager of the Electrical Systems Engineering Department, 1260.

Until Mar. 1 he was supervisor of Project 1212. Leon joined the Sandia Branch of the Los Alamos Scientific Laboratory in October, 1947, and shortly was assigned to Project Sandstone. In the Spring of 1948 he participated in atomic tests at Eniwetok.



During service with the Air Force from 1943 until 1946, he was assigned to Wendover Field, Utah, and later Tinian, where he participated in designing and testing fuzing systems for atomic weapons. Upon discharge, he continued work in this field for Los Alamos.

After receiving his B.S. degree in electrical engineering from the University of Wisconsin in January, 1947, he worked for Eastman Kodak Co., Rochester, N. Y., before coming to Sandia.

BEN H. BRIGHT to manager of the Technical Services Department, 7240.



Formerly supervisor of Scheduling and Ordering Division, 7241, he has also worked in the Pre-Production and Test Equipment organizations. Ben observed his 10-year anniversary with Sandia Corporation Mar. 8.

From 1945 until his discharge from the Army in 1946, he was assigned to the Special Engineering Detachment at Los Alamos. Before entering the Army for three years he spent a year with the Texas Power and Light Co.

Ben studied electrical engineering at Texas A and M College and completed work in this field at Rutgers University. He has attended evening courses at the University of New Mexico.

Joint Meeting

The Albuquerque - Los Alamos Chapter of the Society for Non-destructive Testing will meet jointly with the New Mexico Chapter of the American Society of Heating and Air Conditioning Engineers to hear a talk on non-destructive testing.

The meeting will be held Mar. 19 at Los Alamos at 7 p.m. at The Lodge. Speaker for the evening will be Dr. Gerold H. Tenney, Group Leader of GMX-1 at the Los Alamos Scientific Laboratory.

Shop Math Courses Attract 120 Sandians

Self-improvement through continued education is the aim of a growing number of Sandia Corporation employees. Courses at the Albuquerque Public Night School, as well as at the University Community Evening School, are well attended by Sandians who are furthering their education by formal training.

A new series of courses organized at the Albuquerque Public Night School is providing brush-up training in mathematics for some 120 Sandians. Most of these people are employees of the 2100, 2200, 2400, 2500 and 2700 organizations, to whom mathematics is important in their daily work.

Refresher training in decimals, fractions, algebra, geometry, trigonometry and shop problems is included in the present courses.

Training is being offered at Albuquerque High School each Tuesday and Thursday evening in two-hour sessions. Three separate classes were organized to handle the unexpected large enrollment.

If sufficient interest is indicated among the members of the class an advanced course in mathematics may be organized next fall. Additional refresher courses will also be offered, if interest warrants.

The Training Division, 3124, is coordinating the arrangements for special courses and conducts surveys from time to time within the Corporation to determine employee interest in enrollment.

ASME Hears Talk On Solar Heating

The American Society of Mechanical Engineers, New Mexico Chapter, will meet Wednesday, Mar. 21, at 7:30 p.m. in Mitchell Hall, University of New Mexico campus.

Speaker for the evening will be Donald D. Paxton of Bridgers and Paxton, Albuquerque consulting engineering firm, who will discuss solar heating. Gene Gardner, 1224, is ASME publicity chairman.

AIIE to Organize At UNM Mar. 12

New date for the organizational meeting of the New Mexico Chapter of the American Institute of Industrial Engineers is Mar. 12, reports Larry Snodgrass 2581, acting chairman.

The meeting begins at 7:30 in Room 204 of Mitchell Hall, UNM campus to adopt a Constitution and By-Laws and act upon the Nominating committee report.

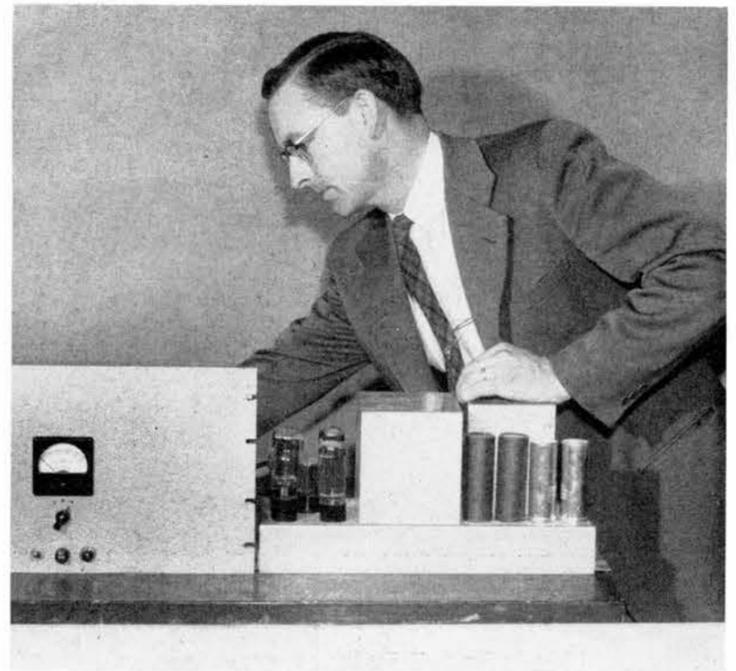
Nicholas Sannella Jr. 1422, president of the Council of Technical and Scientific Societies will address the meeting.

Also present will be Fred Macy of Houston, Tex., who is Southwest Region Vice-President. He will be principal speaker of the evening.

Club Signs Kelly For St. Patrick's Day Chuckwagon-Dance

Shades of 'ol Blarney but there's to be a Kelly serenadin' the colleens and their dates at the Coronado Club Mar. 17 which, as all true sons of Erin know, is St. Patrick's Day. This Kelly is Tommy Kelly, 1631.

Adding to the festivities will be a repeat-performance of the successful Chuckwagon dinner, featuring steak, hash-brown spuds, tossed salad and coffee. Dress is strictly western but green ties will be permitted.



THE ULTIMATE IN AMPLIFIERS, a 100 watt hi-fi component, is adjusted here by B. J. Lawrence, secretary-treasurer of the Albuquerque - Los Alamos Section of the IRE's Professional Group on Audio.

'Noisemakers' Produce Sweet Music Fit for IRE Audio Group's Keen Ears

One of a series of articles on Professional Groups of the Institute of Radio Engineers.

Tweeters, Woofers and Horns, words usually associated with a New Year's Eve celebration, are important words in the vocabulary of Sandians who belong to the Albuquerque-Los Alamos Section of the IRE Professional Group on Audio, one of the oldest professional groups in New Mexico.

These words, and others like crossover, binaural sound, etc., refer to the components and end products of hi-fi, a recent refinement of sound reproduction techniques.

The Audio Group, to which 12 Sandia Corporation "hi-finatics" belong, delves into the problems of producing music of symphony orchestra quality from a box, speakers, amplifiers, tuners, record players, etc.

B. J. Lawrence, 1421-3, is secretary-treasurer for the group. He, like the other 26 members, is willing to discuss hi-fi at the drop of a hint.

Unlike other IRE professional groups, the Audio group is not a highly technical organization

and appeals to large numbers of the lay public.

At its last meeting Paul Klipsch, inventor of the famed "Klipschorn" speaker cabinet system, was the featured speaker. Audio members were amazed to find that the attendance was 300 when only 30 or so were expected.

Members of the Audio Group attend meetings such as these once a month. Topics of previous meetings have included such subjects as cabinet finishing, hi-fi recording, and new development in tape recording.

The group is considered to be the first IRE Professional Group established in New Mexico, according to Mr. Lawrence, and it is one of the first audio groups to be approved by the IRE nationally. It received national recognition in November, 1952, after successful efforts by Sandia Corporation's "Klipschorn Club," the Audio Group's original title.

Under its present organization, the group is also affiliated with the Albuquerque Audio Association, making membership in the group open to the entire city of Albuquerque and not to professional engineers alone.

ASM Sees Power Plant On Local Field Trip

The Albuquerque Section of the American Society for Metals is making a field trip today to the Public Service Company's Person Station generating plant on South Broadway in Albuquerque.

The purpose of the trip, according to D. W. Grobecker, 1621, is to observe the problems encountered with steam generated electric power service.

Sympathy

To Frank Treon, III, 2452, for the death of his father Feb. 24 in Albuquerque.

To W. C. Baldwin, 2412, for the death of his father-in-law Feb. 13 in Texas.

To Leonard C. Glover, 2412, for the death of his father Feb. 17 in Ohio.

To Joe L. Armijo, Jr., for the death of his father Feb. 18 in Albuquerque.

To Henry L. Durlinger, 2532-3, for the death of his father Feb. 6 in Peoria, Ill.

To Mrs. Vera Miller, 233-2, for the death of her mother Feb. 17 in Abilene, Tex.

To Andrea Gabaldon, 4135, for the death of her father-in-law Mar. 1 in Belen, N. Mex.

To Fidel Chavez, 2124, for the death of his father Feb. 16 in Bernadillo, N. Mex.

Congratulations

BORN TO:

Mr. and Mrs. Garret N. Vick, 5242, a son, Garret N., Jr., Feb. 22.

Mr. and Mrs. Walter J. Norris, 2232, a son, Michael Bruce, Feb. 21.

Mr. and Mrs. Herbert C. Frahm, 2411, a son, Carroll Walton, Jan. 12.

Mr. and Mrs. Gilbert Dance, 2452, a daughter, Linda Kaye, Jan. 21.

Mr. and Mrs. Bobby L. Schmedeman, 1611-3, a son, Jimmy Joe, Mar. 2.

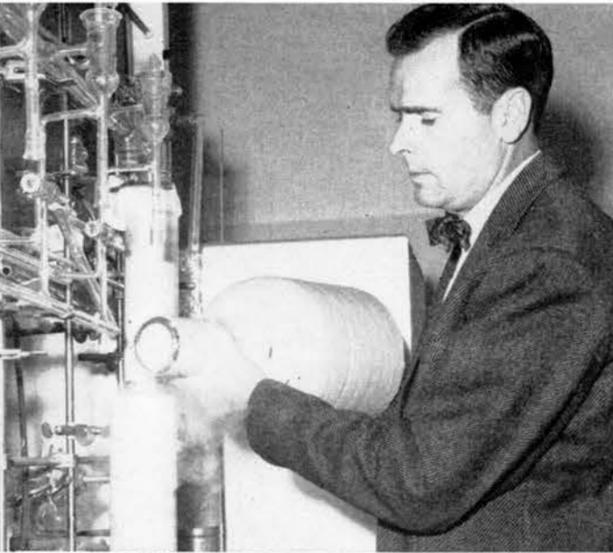
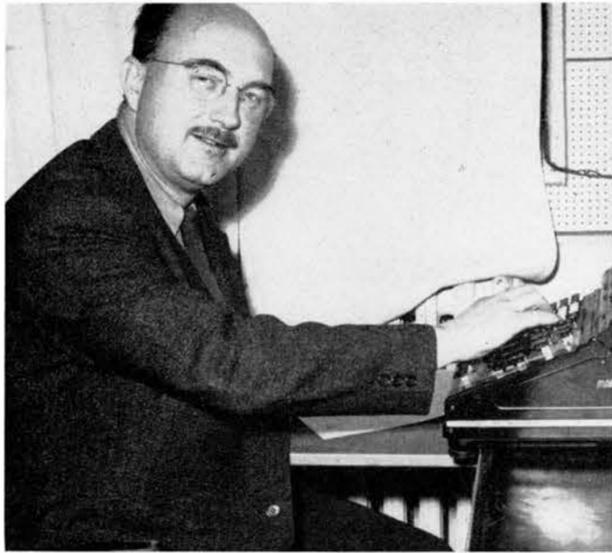
Mr. and Mrs. Carl Boxx, 2131-2, a son, Gregory Carl, Feb. 20.

Sandia Employees Basketball Association Standings

Org.	W	L	Pct.
2700, AEC	11	0	1.000
2100	9	2	.818
7200 (1900)	10	3	.769
5200	9	3	.750
2500, 3100	8	3	.727
2400-I	8	3	.727
5500	9	4	.692
2200	8	5	.615
1600-I	7	5	.587
7100 (1700)	7	5	.587
2400-II	4	6	.400
4100	4	6	.400
1200	3	7	.300
1400 (5400)	3	11	.214
1400 (5300)	2	10	.167
2300	2	10	.167
1200, 5100	1	9	.100
1600-II	1	12	.077

Top Ten Scorers in Sandia Employees Basketball Association

	Games	Total Pts.	Average
Lee Daily 1600-II	11	232	21.1
Jerry Cole 2100	12	195	15.1
Eloy Barela 2100	11	175	15.1
Lee Pierce 7200 (1900)	10	157	15.7
Harold Thomas 2700	11	151	13.7
Macdon Woodward 2400-II	10	148	14.8
Wally Jungmeyer 5200	11	140	12.7
Arnold Schuknecht 3100	8	130	16.3
Don Gregson 7100 (1700)	11	128	11.6
Rex Elder 5500	12	125	10.4



The Consultants . . .

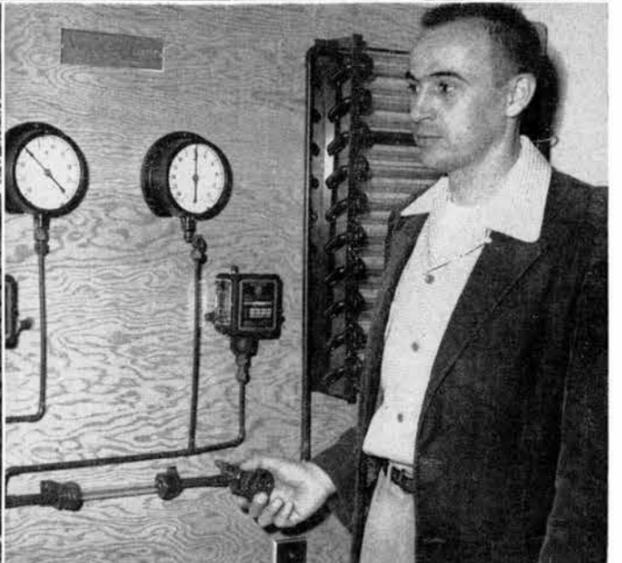
Top row: L to R: Dr. C. E. Buell, mathematician and meteorologist, is assigned to 5120, Systems Analysis Department.

Dr. John F. Suttle, chemist, is working with the Medical Department, 3160.

Dr. Guido H. Daub, chemist, is also working with the Medical Department.

Second row, L to R: Dr. Richard K. Moore, electronic engineer and researcher, works with Sandia Corporation Electronic Research Department.

Edward C. Rightley, mechanical engineer, is consultant working in four departments, 5110, 5120, 5130 and 5140.



Educator-Scientists at UNM Give Their Assistance to Atomic Weapons Program

Five faculty members of the University of New Mexico regularly step outside their academic duties and do applied research on a consultant basis for Sandia Corporation.

Drs. Guido H. Daub and John F. Suttle work with the Industrial Hygiene Division, 3161. Assigned to Systems Analysis, 5120, are Dr. Richard K. Moore, continuing radio propagation studies started earlier during his full-time employment here, and Dr. Carleton E. Buell, concerned with specific meteorological problems. Edward C. Rightley is a mechanical designer for projects in the Research Organization, 5100.

Both Drs. Daub and Suttle qualify as experts in the fields of organic and radio chemistry and have similar backgrounds. They are associated with the University's Chemistry Department and have been consultants at the Los Alamos Scientific Laboratory.

Receiving his PhD in Chemistry from the University of Wisconsin in 1949, Dr. Daub taught at Wisconsin. Before that he did research in textile chemistry for Rhone and Haas in Philadelphia. He came to UNM in 1949.

Western Reserve Grad

A PhD in Chemistry was conferred on Dr. Suttle by Western Reserve University, Cleveland, in 1944. Prior to joining the University of New Mexico in 1947, he was on the faculties of Indiana University and Portland University.

A former Sandia Corporation employee four years, Dr. Moore was supervisor of Section 5412-1 in the Electronic Research Department until last September. He now heads the University's Electrical Engineering Department.

He holds a PhD degree in Electrical Engineering from Cornell University, where he specialized in mathematics and electromagnetics. He served as a research associate at Cornell while working toward his doctorate and earlier for several years as a research engineer and instructor at Washington University in St. Louis. For a time he was employed in the Engineering Department of RCA Victor.

Meteorology Expert

Dr. Carleton E. Buell, an assistant professor of mathematics, has wide

experience in applied mathematics and meteorology fields. A meteorologist with American Airlines eight years, he was also an instructor of meteorology at Parks Air College three years, and a member of the research and development staff of New Mexico School of Mines five years.

He worked several years for Sandia Laboratory, including a tour as supervisor of the Test Data Division of the Field Test Department.

Mechanical design consultant Edward C. Rightley handles special designing for various research projects in the Weapons Effects, Systems Analysis, Experimental Weapons Research and Aerodynamics Departments.

Since obtaining a master's degree in mechanical engineering from the University of Colorado in 1949, Mr. Rightley has done engineering for Westinghouse Electric Co., and for Los Alamos and Sandia Corporation during recent summers.

Tech Writing Group Wins National Charter from Society

The Albuquerque Society of Technical Writers has been accepted as a chapter of the national organization. It is now known as the Albuquerque chapter of the Society of Technical Writers.

The Albuquerque Society was formally accepted as a chapter on Feb. 24, and all 18 members of the local group automatically became charter members. Max Weber, 5120, is chairman of the local group. Vice-chairman of the group is Earle George 7122, Miss Gruine Robinson 2461, is secretary and Howard Sieberman 7123, is treasurer.

The group will hold its next meeting Tuesday, Mar. 20, at 7:30 p.m., in the small dining room of the Coronado Club. Speaker at the meeting will be J. J. Michnovicz, 2462, who will discuss "Aspects of Reproduction as it Affects the Technical Writer."

Gregorio Lopez Retires Mar. 6

It's back to the farm to rest, recuperate and take it easy for Gregorio Lopez 2419, who retired Mar. 6 after four years with Plant Maintenance and Services Department. For the past few months Gregorio has been on sick leave, the result of a broken wrist incurred in an auto accident Nov. 15.



Gregorio Lopez

Ray Lopez, assistant District Attorney of Bernillo and Sandoval Counties, is his son. Gregorio has another son and a daughter.

He celebrated his 65th birthday last January but plans a long future with his family and his 10 acre farm in Algodones.

SFOO Changes Title To Albuquerque Operations Office

The Santa Fe Operations Office of the Atomic Energy Commission changed its name to the Albuquerque Operations Office this week.

The office, which has been known as SFOO, was originally located at Los Alamos, moving to Albuquerque in 1951. The office has never been located in Santa Fe.

When AEC took over the weapons project from the Army's Manhattan Engineer District in 1947, the administrative office was named the Office of Santa Fe Directed Operations, and this was changed in 1948 to SFOO.



"NO DOUBT YOU'RE ALL WONDERING WHY YOU'RE HERE. I PUSHED THE WRONG BUTTON BY MISTAKE."

H. G. Oltman to Inform National IRE Group of Sandia Corporation APOTA

H. G. Oltman, Jr., 1412, will discuss Sandia Corporation's APOTA (Automatic Positioning of Telemetering Antenna) at the national convention of the Institute of Radio Engineers in New York City Mar. 20.

His discussion of the APOTA will be based on a paper entitled "Automatic Tracking Array for the 217 Megacycle Telemetering Band, (APOTA)," co-authored by Mr. Oltman and B. J. Bittner, 1412.

The paper describes APOTA as a "high gain antenna used to receive telemetric signals from aircraft. It will automatically track the aircraft whenever it flies and it will pick up the signals as far away as 240 miles at 40,000 feet.

Mr. Oltman, who joined Sandia Corporation in May, 1948, received his B.A. in physics from the University of New Mexico in 1950 and earned his M.S. in the same subject at the University in 1953. He is a member of the American Institute of Physics, IRE, and Kappa Nu Epsilon, honorary mathematics fraternity.

Mr. Bittner, who has been with Sandia Corporation since August, 1948, received his B.S. degree from Colorado A & M in 1943. Before coming to Albuquerque he was employed as a junior engineer for the Submarine Signal Co., Boston, Mass. A Navy veteran, he was listed in American Men of Science in 1954 and is a member of the Albuquerque-Los Alamos Section of the IRE.

Sandia Corporation Service Awards

10-5-2 Years

Two-Year Certificates Mar. 9-17

Walter E. Cordek 5531, Loradon L. Duben 7225, Bessie M. Roach 2462, Ruby P. O'Connor 7222, Benson L. Tucker 5111, Paul G. Sanchez 2151, Eugene W. Stemple 2483, Irl V. Beall 2481.

Tom C. Garcia 2351, Shirley A. Gibbs 2410, Donna B. Grubbs 7411, Frederick E. Hoke 1612, Wilbur N. Legason 7122, Thomas T. Carlin 2452, William E. Walker 5143, Florence M. Whipple 7225, James V. Rogers 1215, Mary J. Kristensen 7225.

Mar. 18-22

Manuel Silva 2419, Frank R. Emig 7412, Clelia M. McGuire 2333, Ernest E. North 7412, W. L. Pritchard 2452, Gertrude M. Stewart 3153, Robert D. Charlton 2462, Ray G. Cooley 2483, Janice A. Lawrence 2464.

Five-Year Pins Mar. 9-17

Epifanio Padilla 2412, Manuel Rico 2122, Jerome H. Gibson 3150, Gilberto Sandoval 2151, Byron L. Stewart 2232, Elias Benavidez 2232, Grant Bird 2211.

Everett R. Gourley 2452, Joe R. Mahboub 2452, F. Archibeque 2211, Tomas A. Baca 2418, Benjamin Trujillo 2412.

Melvin N. Pliner 1631, Willard D. Clark 2222, Donald L. Harrison 2533, Gene H. Romero 2452, D. C. Davis 2414, Andrew C. Czajnski 2711, Calvin T. Howard 2122, Ben Jojola, Jr. 2232, Ralph W. Gustin 2234.

Phillip H. Bircher 5511, Theodore B. Harris 2351, Louis F. E. Koehler 2414, Thomas L. Mead 2452, Ruth I. Schooley 2309, Norma M. Nash 2462, James E. Smith 1241.

Mar. 18-22

Daniel J. Yarbrough 7420, Allen C. Dale 7414, Hubert H. Patterson 1400, Leroy W. Ramsey 7326, Richard S. Claassen 5130.

Eugene P. Monahan 2234, James B. Quillin 7311, Mary F. Schwartz 6021, Naomi E. Morris 2721, Ora L. Case 2412, Ruby B. Groll 2462, Allen J. Williams 2412.

Julian B. Chavez 2231, Retha I. Kay 4133, William L. Neeves 1621, Carmen M. Gabriel 2552, Solomon L. Apodaca 2124, John T. Watkins 2419.

10-Year Pins



Phillip R. Owens 1233 Mar. 15



James W. Jones 1210 Mar. 18



Billy E. Hickerson 7329 Mar. 19



Paul R. Taylor 7313 Mar. 22



SANDIANS DONATE TO GOODWILL . . . Placing discarded items in the hands of Goodwill Industries Inc., an agency of the Albuquerque Community Chest, are Rea Chandler 5512 and his wife, Deanne. The items will be repaired for resale by handicapped persons employed by Goodwill. The Chandlers reside on Sandia Base at 3062 34th St., the scene of this photo.

Twin Daughters, Two Sons Sandia's Leap Year Babies

Twin girls and two boys were welcomed by three Sandia Corporation parents Feb. 29. These leap year babies won't celebrate a birthday again until Feb. 29, 1960.

Gilberto Sandoval, 2151, not expecting twins, was caught short with only one name chosen. "Monica" will be the name of one of the twins while Gilberto and Mrs. Sandoval decide on the other, if they can tell them apart. "I'm flabbergasted" Gilberto says. The twins were born in St. Joseph's hospital.

Also born in St. Joseph's was the son of Mr. and Mrs. John R. Hoffman, 5133. The son of Mr. and Mrs. Edward A. Salazar was born at the Presbyterian hospital.

Seek Chorus Line for April Gold Rush Party

Planners of the Gold Rush Party scheduled for the Coronado Club in April are in search of volunteers to staff a chorus line in the "Can-Can Review."

A committee in charge of arrangements will be at the Coronado Club Ballroom at 10 a.m. Saturday, Mar. 10, to hold tryouts. Club members only are eligible.

The review will be staged under the direction of Mrs. Glenna Gromek, local dance instructor.

300 Sandia Engineers to Participate in Graduate Research Placement Project

Nearly 300 Sandia engineers have been invited to participate in an engineering graduate placement research project starting next week.

Staff Members who received bachelor degrees in the years 1948 through 1951 and those who received their degrees in 1953 through 1955 have been asked to participate in a series of tests on aptitude, interest and personal qualities as part of a project aimed at improving the career guidance program for graduating engineers.

Some 200 Sandians with four to seven years engineering experience here have been invited to take part in the tests to be held at the Coronado Club Mar. 12 and 13 and another group of 85 engineers with one to three years experience have been invited to participate Mar. 19 and 20.

Two successive half days will be required for participants who will undergo some 6½ hours of examinations.

The testing is conducted by the Educational Testing Service, Princeton, N. J., in cooperation with the Selection and Guidance Committee of the American Society for Engineering Education. Test results will not be available to the Corporation, but will be turned over directly to the Educational Testing Service.

Nearly 2000 engineer volunteers in other localities have already taken the tests. It is expected that, when the survey is completed, valuable information will be available to en-

gineers and to prospective employers concerning patterns of job requirements and qualifications and the personal and professional requirements for success in various fields.

It is expected that the tests will guide undergraduate engineers in selecting their fields of specialty. It is hoped that the results of the tests will help graduate engineers select the type of work within their field of which they will have the greatest likelihood of success.

The program is completely voluntary but a high percentage of participation is being sought in order to insure the validity of results.

The program is being coordinated at Sandia by the Personnel Testing Service of Division 3154, and is headed by Robert F. Utter, Ext. 30259, who is in charge of arrangements.

Caravan Club Meets For Frequency Check

The Amateur Radio Caravan Club of New Mexico will meet on the air at 7:30 p.m. Mar. 14 for a frequency coordination check, according to Jim Stueber, 5223.

The purpose of the meeting is to check all transmitters to maintain a frequency of 29.6 megacycles. Monitoring the meeting will be Willie Petty, 5512, who will check the frequencies by means of a panadapter.

Community Chest Agency

Goodwill Industries Ask Little of City's Chest But Give Help Where Needed

This is another of a series of articles telling about agencies of the Albuquerque Community Chest, and the help some Sandians are providing in the year around work of these organizations.

Employment of handicapped persons, vocational counseling and training is the work of Goodwill Industries Inc., an agency of the Albuquerque Community Chest. At present 115 handicapped persons are employed whose earnings in 1955 were over \$35,000. Assistance from the Community Chest was \$2,000. Goodwill is 96 per cent self-supporting.

From a small beginning in 1941, the agency's main plant and office is now located at 1119 Edith SE. It was completed last year at a cost of \$18,000 and represents the first step in the organization's expansion program that will eventually include a \$40,000 plant, office and retail outlet at this address.

Next month construction will begin on a \$15,000 workshop addition while a second addition to enlarge the building's office and sales space is planned for 1956.

Sales outlets are located at the Edith address, at First and Copper NW and 1304 Fourth SW. Employees repair used clothing, furniture and appliances for resale. All articles for resale are donated.

"The real story of Goodwill Industries," according to W. B. Parrott, executive director, "is written on the faces and in the hearts of these people who have found in Goodwill an opportunity to work and earn, be self-supporting, self-respecting citizens of our Community."

Joe Calek, 3124, was appointed to the Board of Directors of the Goodwill Industries this week.

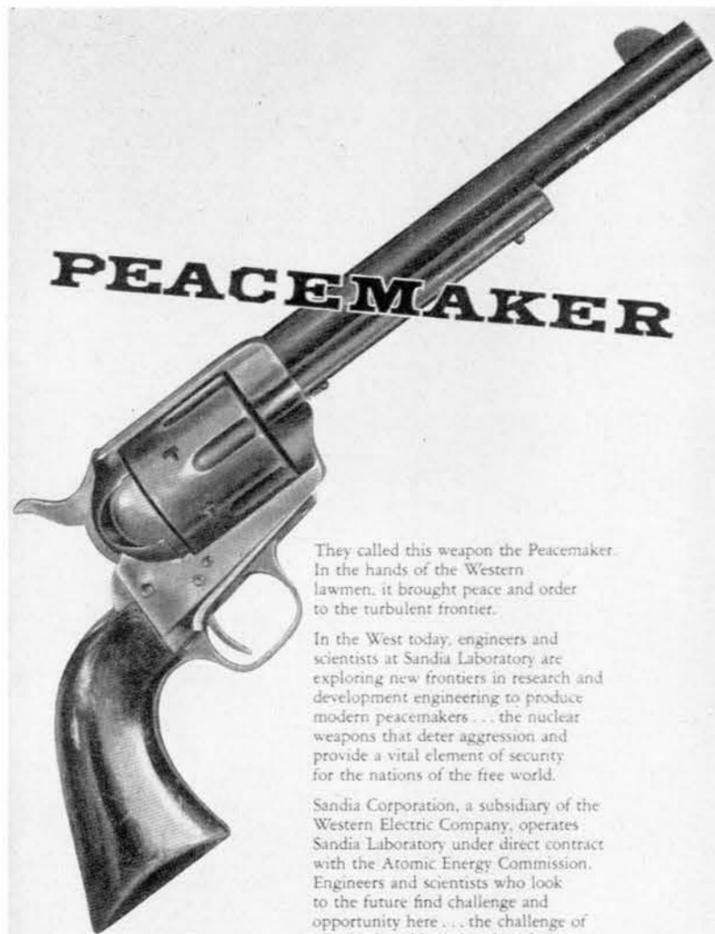
Name M. H. Howarth As Director Council Of Social Agencies

Max H. Howarth, Sandia Corporation Vice-President and General Manager, has been named a member of the Board of Directors of the Albuquerque Council of Social Agencies.

Prior to coming to Albuquerque, Mr. Howarth was active for about 15 years in Red Cross work in Chicago and worked on various committees of the Chicago Community Chest and Council of Social Agencies.

In Winston Salem, N. C., Mr. Howarth was a member of the Community Chest Board of Directors and worked with the Budget Committee for two years.

Mr. Howarth has been with Sandia Corporation since October, 1954, and has served with the Bell Telephone System for 29 years. He was Manager of Western Electric Company Tonawanda, N. Y., Plant before coming to Albuquerque.



They called this weapon the Peacemaker. In the hands of the Western lawmen, it brought peace and order to the turbulent frontier.

In the West today, engineers and scientists at Sandia Laboratory are exploring new frontiers in research and development engineering to produce modern peacemakers . . . the nuclear weapons that deter aggression and provide a vital element of security for the nations of the free world.

Sandia Corporation, a subsidiary of the Western Electric Company, operates Sandia Laboratory under direct contract with the Atomic Energy Commission. Engineers and scientists who look to the future find challenge and opportunity here . . . the challenge of advanced problems in a broad range of research and development activities, and the opportunity for professional growth and individual advancement in a stimulating new field.

We are currently seeking well-qualified engineers and scientists for our professional staff. All inquiries will, of course, be held in strictest confidence.

Please address inquiries to STAFF EMPLOYMENT DIVISION 562



SANDIA CORPORATION MESSAGE will be carried to the readers of two national magazines in the next few months. The above adver-



Free people have always lived with danger. For freedom is a precious thing . . . hard won, hard kept . . . under constant threat born of envy.

And yet this very danger is a source of freedom's strength. Time and again, free people have boldly faced dangers that threatened to destroy them, and in so doing found the strength to survive.

For many things seem to flourish best in an atmosphere of embattled freedom . . . ideas and energies, will and determination, even the men and machines that make it possible for freedom to exist and thrive.

This, in a very real sense, underlies our job here at Sandia. We probe new dimensions of research and development engineering to help provide the strength that keeps us free. Specifically, our task is design and development of the nuclear weapons that deter aggression and guard our freedom.

Exploration of advanced problems in this challenging and important field provides outstanding career opportunities for engineers and scientists at Sandia. We are currently seeking additional professional staff members, and will welcome the opportunity to send you more information. Please address inquiries to Staff Employment Division 562A.



tisements will appear in issues of The New Yorker and Newsweek during March, April and May. The advertisements will appear in two colors.

shopping center

CLASSIFIED ADVERTISING

Deadline: Friday noon prior to week of publication.

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

Next Deadline: Noon, Mar. 16

FOR SALE—

ELECTRIC RANGE, Hot Point, \$150. Hope, Alb. 6-3772 after 5.

REFRIGERATOR, Admiral, 7', \$50. Wilson, Alb. 6-1847.

SPANISH LANGUAGE COURSE, w/16 .78 RPM records, all books. Bircher, Alb. 5-0332.

SLEEPING BAGS, 3, can join 2 for double bag, \$25. Gunn, Alb. 9-2740.

'54 CHEVROLET 2-dr., 210 series, R&H, leather upholstery, \$1150. Harbel, Alb. 4-0174.

TOY MANCHESTER TERRIER, registered AKC, female, \$50. Burney, Alb. 9-2757.

'51 CHEVROLET 4-dr. deluxe, Power Glide, Lincoln, ext. 46297 after 5.

'50 JEEP, delivery sedan, new motor, reconditioned transmission, \$275. Ankeny, Alb. 3-6895.

WASHER, '51 NORGE, wringer type, pump, timer, \$25. Souza, ext. 33282.

'46 CHEVROLET Club Coupe, R&H, \$150. Bailis, Alb. 6-6686.

'50 MOTORCYCLE, James 98cc, \$85. Boddy, Alb. 5-0937.

JIG SAW, 16", motor & stand, \$45. Scott, Alb. 3-4709.

BENCH SAW, 8", w/accessories & motor, 4" jointer & glue clamps, \$125. Robinson, Alb. 6-7326.

CHINAWARE, ROSENTHAL, service 1/12 w/extra pieces, \$125. Harlow, Alb. 9-1495.

2-BR. HOME, den, large kitchen, garbage disposal, wall, lawn, attached garage, \$9750. Jones, Alb. 5-2106, 4908 Burton SE.

STOVE, MAGIC CHEF, 4-burner, grill, timer, \$95; double bed w/spring & mattress, \$40. Bassett, Alb. 9-5685, 10320 Apache NE.

MANIFOLD 1/47-'53 Pontiac 8, dual intake, \$20; Remington 760, .270, slide action, scope, case, \$125. (terms). Lathrop, ext. 22135.

'53 CHEVROLET Bel Air, 4-Dr. sedan, low mileage. Ramirez, Alb. 5-2012.

POWER TOOLS, 6" metal lathe, thread cutting, W/attachments, motor, bench, \$125; 10" circular saw, new blade, \$30. Shew, ext. 22156.

FREEZER, MAYTAG, upright, 15 cu. ft., \$475, \$35 down, take over payments, bank financed. Spence, 2513 June St. NE.

'46 FORD, good tires, \$100; Kenmore conventional washer, 3-yrs. old, \$75. Oberst, Alb. 9-1224.

WATER HEATER, gas, 30-gal., new; 8" Motorola TV, best offer. Barnes, Alb. 5-9885.

DINNERWARE, new, unused, 53-pc. service for 8, Salem, Rose pattern, 1/2 price, \$34.50. Buck, Alb. 9-4698.

CAMERA, Automatic Rolleiflex, 2 1/4 x 2 1/4, Xenar F3.5 lens, \$75. Anderson, Alb. 6-2752.

WASHER, BENDIX automatic, \$40; trumpet, B flat, \$90; bicycle, girls, 24", \$10; bathinette, \$7. O'Neill, Alb. 5-6355.

AIR COOLER, evaporative, medium size, \$15. Piper, ext. 42247.

'50 WILLYS JEEPSTER 6, R&H, OD, w/w tires, \$595. Holland, Alb. 5-1039 after 4:30 p.m.

BOWLING GAME, electric skill, large size, \$22; bicycle, boys', 26", \$10. Gustafson, Alb. 9-3270.

PIANO, UPRIGHT, \$150; divan and platform rocker, \$35. Young, Alb. 6-1361.

HOME, 2 bedroom, NE Heights, full yards, landscaped, walled, carport, \$7,950, reasonable down payment. Rakes, Alb. 9-1256.

VACUUM CLEANER, KENMORE, upright, w/attachments, \$15; TV, G.E., 16", w/wrought iron stand, \$65. Mills, Alb. 9-2130 after 5.

'29 FORD COUPE, model A, make offer. Locke, Alb. 6-2562.

DINING ROOM SUITE, 8-pc., \$65; 2-pc. sectional, \$35; play pen, \$4; Teeter Babe jumper, \$2; car bed, \$2. Hungate, Alb. 4-2256.

PISTOL, SMITH & WESSON K-22, trade for 7mm barreled action. Walker, Alb. 2-0322.

'51 CHEVROLET, 4-dr., Power Glide, \$450. Newhouse, Alb. 9-3978.

BOXER PUPS, male, AKC registered, available about March 24. Dickinson, Alb. 5-4937.

2-BR. HOUSE, block construction, recently painted, carport, utility room, \$7000; baby crib, \$17. Lowery, Alb. 9-5177.

GARAGE DOOR, redwood, 7' x 8', w/hardware, \$25. McKeever, Alb. 9-2777.

'50 OLDSMOBILE 98, 4-dr. sedan, \$500. or best offer. Hoagland, Alb. 5-6186.

CHEST OF DRAWERS, pair, mahogany, 3-drawers, \$25; Jenny Lind bed, \$5. Stewart, Alb. 6-2884 after 6.

MOTORCYCLES, TRIUMPH, '54 T110, '55 TR5, '50 Ford Tudor, OD, V-8, good tires, \$350. Burton, Alb. 3-0317.

WASHER, '54 FRIGIDAIRE, automatic, \$150. Senn, Alb. 5-3109 after 5.

BICYCLE, girls, 26", Mercury, basket & mirror, new tires. Luercio, Alb. 3-4089.

32 COLT. Frontier model, \$85, 38 Special Smith & Wesson, \$45. Brockway, Alb. 3-8366.

DRILL, 1/4" electric. Flowers, Alb. 6-1656.

REFRIGERATOR, WESTINGHOUSE, 5 cu. ft. apt. size, \$25. Kindsche, Alb. 5-9797.

UNERTL 20 x target scope mounts & bases, \$75; Roaster, electric, Kenmore, \$35, Johnson, 11621 Clifford, NE.

DINETTE SET, 5-pc., red plastic chairs, \$20. Thomas, Alb. 3-9827.

'51 NASH, AMBASSADOR, 4-dr. sedan; Dining set, table & 6 chairs, blond. Gambrel, Alb. 9-2403.

TREES, ELM, 75c to \$1. Cooper, Alb. 9-2356.

BED, HOLLYWOOD, double size, w/box springs, mattress, legs, \$30. Fornero, Alb. 5-9879.

21" TV, STEWART WARNER, console, 1-3/4 yrs. old, outside antenna, \$100. Reinholz, Alb. 9-5107.

RADIO & RECORD PLAYER combination, console, Philco, 78 RPM, mahogany, w/stack old records, \$25. Hunt, Alb. 6-1038 after 5:30.

REVOLVER, match, Colt Officers model; 22 long rifle, \$50. Bowser, Box 195 Escabosa Rt., Tijeras, N. M.

MOTORCYCLE, H. D. 74-1948, buddy seat, twin spot lights, etc., \$250. Dwyer, Alb. 5-2082.

LIVING ROOM SUITE, 5-pc., lined oak, brown upholstery, can deliver, \$90. Beck, Alb. 5-9042.

WASHER, ELECTRIC, portable, Handy Hot, sell or trade for lumber or 1/4" electric drill. Goolsby, Alb. 5-1174.

ICE SKATES, girls' size 4, \$4; boys' ice skates, size 6, \$6.50. Cazier, Alb. 9-0340.

'50 PALACE MOBILE HOME, \$1400. Boddy, Alb. 5-0937, New Mexico Trailer Court, No. 18.

WANTED—

RIDE, from 420 Carlisle SE to SFOO-Gibson. Collis, Alb. 5-0470.

USED PIANO for church. Petersen, Alb. 9-3366.

BOWLERS, 2, to finish season in Monday league at Coronado Club. Harley, ext. 3-7155.

EXCHANGE, ski equipment for skin diving equipment, or will buy second hand. Daniel, Alb. 5-6484 after 5:30.

COUPLE WANTS RIDE to Washington D. C., last week in March, share driving and expenses, exchange references. Uihlein, Alb. 6-2075.

RIDE, from 1000 Rio Grande NW to Administration Bldg. Romero, ext. 47255.

RIDE, from Eubank & Manual to 840. Siegrist, Alb. 9-3008.

BABY SITTING position, middle-aged lady, days or evenings. Mrs. Whitley, Alb. 7-8742.

RIDE, from Montclair & Central to 892. Evelyn Mohar, ext. 26144.

3 DRIVERS for 5 car pool, east of Eubank, north of Manual to vicinity 880. Phillips, Alb. 9-1888.

RIDE from vicinity Copper & Solano NE to 802. Jo Ann Rose, Alb. 5-0330.

RIDE from 400 Cornell SE to Personnel. Easley, Alb. 3-7660.

RIDE from 8917 Claremont to So. Parking lot or 894. Betty Zurenda, Alb. 9-1485.

RIDE from 1800 block Kentucky NE to 892. Flowers, ext. 21145.

RIDE or join car pool from Trumbull and Alvarado Dr., SE to 802. Williams, ext. 45141.

FOR RENT—

1-BR. APT., furnished. Zietzel, Alb. 5-4265, 309 9th SW.

3-BR. HOUSE, unfurnished, garage, wall, lawn, available March thru August, \$75. Weiner, Alb. 9-5627, Princess Jeanne Park.

LOST AND FOUND—

FOUND, '53 high school class ring. Lost & Found, ext. 26149.

LOST, CAMEO. O'Neil, ext. 25133.

LOST, 5-yr. pin. Baldwin, ext. 52140.



SQUAD, TEN' SHUN! These veterans, the first to set up Sandia Base as a special weapons activity, get together for a photo for the first time since their service days at Sandia Base. They are, L to R: (front) Chester A. Morterud 2552, Al Hall 2124, Manuel D.

Bolton 2124, J. L. Rowe 2410, and Bryan E. Walker, Jr. 2588. In the rear are, L to R: Harley E. Walker 5511, Albert R. Mandell 1212, James E. McGovern 2300, Leon D. Smith 1260 and G. C. Hollowwa 7120. Fred H. Schneider, a W-47 man is not in this photograph.

W-47 Vets Arrived Unheralded at Sandia After Helping Make Big History in Utah

When we think of the atomic bomb's birth, such places as Alamogordo, Trinity and Los Alamos come to mind. Unheralded and unsung is a little-known site on Utah's salt flats where a small group of military men, some of whom now work for Sandia Corporation, spent much of World War II, working on devices from which the A bomb emerged.

Seclusion Area

It was at "W-47"—the code name for a seclusion area near Wendover Air Force Base, Utah, at the Utah-Nevada border, that the weapons like those dropped on Hiroshima and Nagasaki were subjected to tests before being sent on their way.

One of the men working in that desolate spot was an Army captain, J. L. "Les" Rowe, now manager of Sandia Corporation's Plant Maintenance and Services Department.

Perhaps Les could be called one of the earliest Sandians, a sort of Christopher Columbus among Sandians. When the war ended Los Alamos wanted the work then being done at W-47 moved closer to The Hill. Les and two other men from Utah were selected to scout new territory for a suitable location.

Les, Lt. Col. Robert W. Lockridge, commanding officer of W-47, and H. H. Roerkohl looked over nearby sites and selected Sandia, then Oxnard Field and Air Force base, which was a couple miles outside Albuquerque. At that time they had no idea how Sandia was to grow and become a full-fledged partner in the atomic weapons program.

If it hadn't been for that decision . . . what would Sandia Base . . . or Albuquerque . . . be today?

Col. Lockridge is now Director of the Service Division for AFSWP's Field Command at Sandia Base.

Things Are Changed

The "scouting" group arrived in Albuquerque by plane and found Oxnard nothing but a graveyard for 2600 war weary fighting planes, lined up like crosses in a military cemetery on a spot now occupied chiefly by the AEC Housing Area.

Albuquerque extended east to San Mateo Blvd., with nothing between there and the Sandia Mountains. Where Hoffmantown is today there was only open mesa.

"But Sandia was a paradise compared to Wendover," says Les. Los Alamos approved of the trio's proposal for location of the military liaison facility and the Army added its "OK." W-47 was made ready for the move.

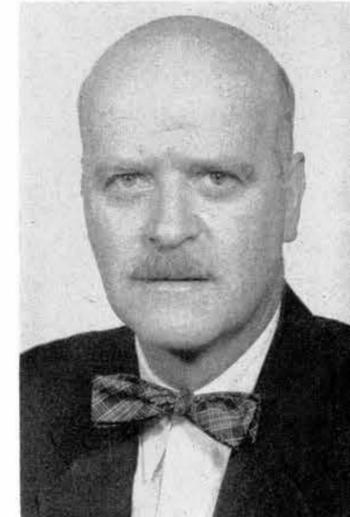
Making the exodus from Utah were 44 enlisted men, three officers and a dog named "sergeant."

Among the original group were 13 men now with Sandia Corporation. These include: G. C. Hollowwa 7120, Bryan E. Arthur, Jr., 1631, Albert R. Mandell 1212, Manuel D. Bolton 2124, James E. McGovern 2320, Ches-

Dr. S. P. Bliss New Member of Medical Dept.

Dr. Sheldon P. Bliss has joined the Sandia Corporation Medical Department as supervisor of the clinical division, replacing Dr. Louis Gerber who is now with the Idaho Falls Field Office of the AEC.

For the past two years Dr. Bliss has been associated with the M. W.



Dr. Sheldon P. Bliss
—heads clinical division—

Kellogg Co. of New York City as medical director. Prior to that he was medical director for Blue Cross in the State of Texas for six years.

For seven years he was with United Aircraft Co., and Chance-Vought Aircraft Co. in Stratford, Conn., and Dallas, Tex. His first work in industrial medicine was with Bethlehem Steel in Quincy, Mass.

A graduate of Tufts Medical School, Boston, Dr. Bliss interned at Burbank Hospital in Fitchburg, Mass. He has done graduate work in occupational medicine at Yale University.

Dr. Bliss is a Fellow in the Industrial Medical Association and a member of the American Academy of Occupational Medicine.

Dr. and Mrs. Bliss and their three children, Sheldon Jr., David and Martha, live on Sandia Base at 3040 33rd Place.

Art Show Entries May Be Submitted At Club Mar. 24

All Sandia artists are invited to enter the annual Art Show at the Coronado Club Mar. 25-31.

Two divisions, professional and amateur, have been announced with the artist choosing his own category.

First, second and third place prizes in each division will be \$15, \$10 and \$5. Entries may be submitted Mar. 24 at 9 a.m. at the Club.

Sandia Corporation and AEC employees and their families are eligible to enter.

No job is so important and no service is so urgent that we cannot take time to perform our work safely.