

SANDIA BULLETIN

Vol. V, No. 9

SANDIA CORPORATION, ALBUQUERQUE, N. M. APRIL 24, 1953

Hal McIntyre Band At Coronado Club Thursday, May 7

Hal McIntyre and his nationally famous orchestra will appear at the Coronado Club on May 7, it was announced today by Ed Janssen, Entertainment committee chairman.



Hal McIntyre

McIntyre started his career playing alto sax and clarinet with the late Glen Miller's orchestra. In fact when Miller organized his first band Hal was the first musician he hired.

Records Click

It was at Miller's suggestion that McIntyre started his own band. His first date was at the Glen Island Casino, New Rochelle, N.Y., which is known as the "Cradle of Name Bands."

From there it was a short step to the Commodore Hotel in New York and a recording contract with RCA Victor. The records clicked and Hal went on to make four feature-length musicales at Columbia Studios in Hollywood.

Played for President

It wasn't long before he was a top recording artist and one of the biggest name bands in the country. His greatest honor came when he was selected to play at the President's Birthday Ball, at which the late F.D.R. and Mrs. Roosevelt appeared.

The McIntyre Orchestra will perform at the Club from 9 to 1. Admission is \$2 per member, \$3 per guest. Reservations can only be made at the time tickets are purchased.

"WE'VE DONE IT AGAIN," Nancy Martinez, 2460, hears from A. Burton Metzger, Sandia Corporation Safety Director. Mr. Metzger points to the Award of Honor given Sandia Corporation in recognition of its 1952 safety record, the story of which was told recently in the BULLETIN.



Radioactive Isotope Use in Studying Engine Wear Will Be Related to ASM

The results of a research program which have received nation-wide attention will be presented Tuesday at a joint meeting of the Los Alamos Chapter and the Albuquerque Section of the American Society for Metals. The dinner meeting will be at the Coronado Club at 6:30.

"Electron Microscope and Radioactive Tracer Studies of Lubricating Oils as Related to Metallurgical Factors," will be discussed by Ray McBrien, chief engineer of standards and research, Denver and Rio Grande Railroad.

Locomotive Engine Wear

He has coordinated and participated in a research program for determining machine wear, efficiencies of lubricating oils, and new fuel oil controls on D&RG diesel locomotives.

Engineers and scientists throughout the nation have focused interest on this research. The program utilizes radioactive isotopes as tracers, electron microscopes, and other laboratory techniques for solving engineering problems on locomotives in actual operation.

Reservations Needed

By using these up-to-date methods, the D&RG has greatly extended the time between engine overhauls, oil changes and has reduced engine wear.

The discussion will be of specific interest to mechanical engineers and metallurgists and of general interest to other technical groups. All interested are invited to attend.

Reservations may be made by calling Douglas W. Ballard, 1512, at ext. 31240 before 5 p.m. tomorrow.

AEC Seeks Bids on Maintenance-Stores Building for Lab

Bids are scheduled to be opened for a new maintenance and general stores building for Sandia Laboratory May 21. The Atomic Energy Commission is issuing plans and specifications for a 60,000 square foot, one story masonry structure.

The building will be erected southeast of the motor pool, outside the technical area and will be known as Bldg. 887.

Kenneth S. Clark, Santa Fe, is the architect-engineer and estimates the cost of the building will range from \$525,000 to \$575,000.

Speech Authority Helps Radio Hams

"Modulation Efficiency Through the Proper Use of Speech Techniques," will be the topic of a talk by Dr. Robert Barton Allen when the Sandia Base Radio Club meets Monday, 8 p.m., at building 321.

Dr. Allen is professor of speech at the University of New Mexico.

The Club will conduct its annual election on May 11, same time and place. The "Old Timers Night," when special awards will be made to all "hams" holding licenses since 1941, is to be held May 25, not April 23 as was previously reported.

Quick Air Trip to Injured Husband Provided Employee

A quick trip to her injured husband was provided recently for Anita Audette, 5243, by the wife of another Sandia Corporation employee. Anita was called to Alamogordo, N.M., when her husband Robert was injured in a fall from a hangar at Holloman Air Development Center there.

She was flown by Mary Elizabeth Lohse, wife of John M. Lohse, 5142. Mrs. Lohse is a lieutenant in the Civil Air Patrol and she was flying a plane owned by her husband.

Mr. Audette received a broken arm and other injuries and was hospitalized in Alamogordo.

AEC Medical Official Recent Sandia Visitor

Dr. Charles L. Dunham, chief of the Atomic Energy Commission medical branch, and Dr. James H. Sterner, medical director of Eastman Kodak Co. and consultant for the AEC, recently visited Sandia Corporation.

While here they inspected the new medical facilities of the company and examined the medical and industrial hygiene organizations of the Laboratory.

"Loose Talk About Loose Talk"

A series of articles run by the Newspaper Enterprise Association entitled "We're Giving Away A-Secrets" recently caught the eye of Albuquerque readers as well as readers of other newspapers throughout the nation.

"We are proud of this program and the many fine contractors who, along with our own people, go to make it up. Over the course of productive years we have built up a going concern with a splendid esprit de corps and a justifiably good reputation. These are hard to build up and hard to maintain, particularly in the face of occasional irresponsible attacks from people outside of the program. In this connection, a very recent instance is a good case in point. I have no doubt that a number of you saw a series of articles published in a Pittsburgh newspaper—The Press—last week. I am told it was hard to miss. The series was also published in a number of other newspapers across the country.

If you read this series, you know that it charged that loose talk in bars in the Albuquerque, New Mexico, area was hurting atomic security. By implication, therefore, it accused the AEC and its industrial contractors in the Albuquerque area with tolerating lax security practices. This is a grave charge.

Confidence in Papers

"Now, I have the highest regard for and confidence in American journalism and the press services and newspapers of this country, and I have reason to have this confidence, because I have had the chance to compare our journalism with that in other parts of the world.

"I have also always had the very highest regard for the Pittsburgh Press. It is a fine paper and I am sure it would never wittingly participate in anything that was unfair to anyone or against the public interest.

"I have known many of the men who have represented it in Washington, including my good friend Fred Perkins, and they are all of the very highest type, both as men and as reporters.

Monday, April 13, Atomic Energy Commission Chairman Gordon Dean spoke in defense of AEC and contractor security during an address to the Pittsburgh, Pa., Chamber of Commerce. Following is the text of Chairman Dean's remarks.

Pegs the Lie

"However, I would be remiss if I did not peg the lie to this series of so-called 'exposé' articles published last week. If you were the Chairman of the Atomic Energy Commission, and you had devoted a good deal of your time and energy to maintaining a strong security system in the atomic program, and to building up a good morale based on a good reputation, how would you react to this series of articles?"

"Obviously, you would hardly be pleased by them. But beyond that, you would also want to know all you could about the real facts on which the authors had based their articles.

Talks with Authors

"As soon as I saw the first of the series, I attempted through our staff to find out just what the real facts were. They certainly weren't in the articles themselves, which were a collection of hearsay, rumor, misrepresentation, and irresponsible conclusions, and which represented as 'secret' many things that had been officially announced months ago, or which were obviously inaccurate.

"So we talked with the authors. We didn't ask for their sources; all we asked for was all the information they had that would help us to find out if security really were being damaged and how we might correct this.

(Continued on Page 6)

Mr. Quarles, Mr. Given Will Speak at Electronics Components Symposium

President Donald A. Quarles and Frederick J. Given, director of apparatus and material engineering, will be speakers at the 1953 Elec-



Mr. Quarles

Mr. Given

Several Sandians New Officers of Base PTA Group

Among newly elected officers to Sandia Base Parent Teachers Association are Bill McCord, 5310, president, Max Weber, 5132, vice president, and John H. Hess, 4152, treasurer.

The Sandians were chosen at the April 13th meeting of the PTA when among the retiring officers was George Harris, 5251, vice president. No date has been announced for the May meeting of Sandia Base PTA, but it will likely be late in the month to avoid conflict with other end-of-school activities.

Set New Summer Hours for Sandia Base Thrift Shop

Announcement was made this week of the new spring and summer schedule for the Sandia Base Thrift Shop, effective now.

The schedule reads:

Monday—9:30 to 11:30 a.m., 1:00 to 4:00 p.m.

Wednesday—9:30 to 11:30 a.m., 1:00 to 4:00 p.m.

Thursday evening—7 to 9 p.m.

Friday—9:30 a.m. to 4:30 p.m. (open through noon hour).

Since it will be impossible to keep the shop open every Thursday evening, Thrift Shop volunteers ask that persons telephone before coming on those nights. The thrift shop extension is 6245.

tronic Components Symposium to be held April 29, 30, and May 1 at Pasadena, Calif.

This Symposium is one in a series of national yearly meetings on electronic component parts, and is expected to attract over 1,000 scientists, engineers, technicians, and executives.

The meeting is being sponsored by the American Institute of Electrical Engineers of which Mr. Quarles is national president, and by the Institute of Radio Engineers, headed by Dr. James W. McRae, Bell Laboratories vice-president.

Mr. Quarles will speak on "Military Electronics—The Research and Development Board Slant."

Mr. Given will preside as chairman of a general session discussing "Electronic Tubes and Tube Reliability."

Other Sandians attending the Symposium will be Edward J. Burda, 1242, G. T. Ford, 5330, Allen F. Hurford, 1510, Harley E. Walker, 1510, R. D. Christopher, 1540, and Ray Arvidson, 1520.

Yarns for Youngsters Told at Base Library Saturday Morning

"Thumbelisa," the tale of a thumb-sized fairy, will highlight the story telling hour tomorrow when Mrs. P. D. Wesson presents the final in a series of Saturday morning storytelling sessions for children at the Sandia Base Library.

Other fairy stories will be included in the repertoire and library doors will be open at 9:30 to welcome youngsters.

Michigan State Grads Invited to Buffet Supper April 26

All former students of Michigan State College and their wives and guests are invited to attend the buffet supper meeting of the Michigan State Alumni association, set for 5:30 p.m. Sunday, April 26, at the Sandia Base Officers Club. A charge of \$1.50 per person will be made. Bill Guntrum, 1242-3, is president of the alumni group.

Radio Engineers Hear Patent Law Discussion

Donald MacKenzie, 6010, the Corporation patent department manager, will discuss "Patent Law" tonight at a meeting of the Institute of Radio Engineers.

The group will convene at 8 p.m., room 101, Mitchell Hall, University of New Mexico. Ed Miller, 6010, IRE vice-chairman, will preside at the meeting.

SANDIA BULLETIN

Friday, April 24, 1953

Published for the employees of Sandia Corporation, Albuquerque, New Mexico

Editor, Robert S. Gillespie
Assistant Editors, William A. Jenkins, Maxine Ethridge

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Telephone Ext. 25253



Want to Be Popular?

Recently we read an article in a publication of the Flying Red Horse Companies which told how to get along with people. In it the writer quoted a story about the old lady who wrote the Department of Agriculture in Washington about all the dandelions in her yard. "What can I do about the pests?" was her query.

The Department wrote back saying: "With reference to the dandelions in your lawn, learn to love them."

That is all very nice and very true about dandelions and about people, but just how do we do it? The article tells us just what we can do.

First, show an interest in names. Remember names even if it takes a pocket full of 3 x 5 cards. Remember the man's name, the names of his family, the names which mean something to him.

Second, realize people like to talk about themselves. Don't imitate the author who talked about himself for an hour then suddenly turned on his bored victim saying, "I've talked about myself long enough. Let's talk about you. How did you like my latest book?"

Third, use the "microphone technique" when talking about someone — always talk as if the other fellow is at your elbow. Never say anything you would not repeat, and repeat willingly, to his face.

The article recalls a fellow whom we might all envy and emulate. A state trooper looking for a suspect in northern New Hampshire saw an old farmer leaning against his tractor. He got off his motorcycle and went up to the old chap.

"Pardon me," he said, "Have you seen any strangers around here lately?"

"Mister, I'm getting along in years, but I've never met a stranger in my life."

The Way We Heard It

"Go Away, I Want to Be a Lawn"

This time of year you can get plenty of free advice about lawns, gardens and other flora of the sands of enchantment just by listening to the chatter at any time. Anyone who has weathered one summer qualifies as an expert, if not a native, and every home owner has in mind writing a book about his bitter or sweet experiences. Tom Muzzey, 3124, soundly maintains that most people don't put enough into their lawns. He has just reseeded his lawn after many weeks preparation including burying all the old sod 10 inches deep, applying full strength Krilium in liberal quantities with plenty of commercial fertilizer mixed in. This department is eagerly awaiting Tom's report on whether the Krilium discourages grubs and cut worms.

That Frosts 'Em

The groans of insurance adjusters this spring have given rise to rumors that it won't be long until sand blast damage to windshields will not be included in some com-

prehensive insurance policies. One chap reportedly asked if his insurance man would pay for the new Base sticker lost when his windshield was replaced.

Postal Receipts Up

The letter drop in front of Bldg. 800 was so popular it was necessary to install a big combination letter and parcel box. It's a convenience we all appreciate.

A Lexicographer in the House

Everett (Blast Effects) Cox is receiving congratulations for his article in the April issue of Scientific American. He sums up his scholarly presentation on "Atomic Bomb Blast Waves" with the statement: "Until the blast scientists have had more experience with big explosions, they must find recourse in *omphaloskepsis* to predict the fate of distant windows on such occasions." Your Webster's unabridged will give you the explanation of this mystical technique, and it will hand you a chuckle.

Carl Eden, 2235, and his family headed for Alabama to visit relatives during their recent vacation.

An "at home" vacation in Albuquerque was the relaxing way Harry Gelwicks decided to spend his time away from 2235.

A trip to Magdalena, N.M., was chosen by Hermenes Chaves, 2234, to break in his new Bel Air Chevrolet.

His co-workers in 2234 wish a speedy return to work for William Meyers who is ill in Veterans Hospital.

While Thomas Bone, 2234, is vacationing in Detroit, Mich., he will attend the wedding of a niece.

Proud owner of a new Cadillac is 2234's Pat Ryan, again a "two-car man."

Betty Van Gundy's co-workers in 4131 are sending magazines and other gifts to her small son, Frank, 9, who underwent an emergency appendectomy last week. Betty and her husband, Gerald, 2232, report that Frank is recuperating nicely.

Eleanor McPhate, 4131, and her husband John McPhate, 1521, are entertaining her brother from Orlando, Fla., this week. They are taking him sightseeing around the state while vacationing from their jobs.

New home owners are Inez Boyles, 4131, and her husband who purchased a place at 2733 Florida St. NE.

AROUND THE DEPARTMENTS

Before her transfer to a new post, AEC's Jessie Greenwell was honored at several parties by her co-workers in the operations branch. Marlene Fisher, AEC, was hostess at a luncheon for Jessie, and the Mail and Records workers presented her with a delicious cake.

Guests at a party honoring Jim Wilson, 5131, recently were these Sandians: Bill Roherty, Bob Flanagan, Leigh Hendricks, 5131, Warren Taylor, Don Robbins, Joe Beeler, Wayne Davis, Walt Wood, 5133, Dorris Ehret and Dan Stoddard, 5132. The party was hosted by Bob Buehler, 5133, at his home.

R. E. "Bob" Hopper, 2440, returned from a recent vacation to his home state with a completely rejuvenated Mississippi drawl—his fellow workers had thought he was coming along fine learning to speak "New Mexico" when the holiday in Mississippi brought on a "relapse."



EULITA NORTH, 2231, is proud of her new Chevrolet, a two-tone tan and brown, but prouder still of her attractive daughters, Donna Marie and Glenda Jean, who were snapped beside the new automobile.

Ready to receive guests at her new home at 8814 Aztec Road is Mary Criswell, 4232-1. Also new at Mary's house is a Doberman named "Val."

W. H. Chandler, 4232-2, recently returned from a vacation in Texarkana, Texas.

Another Texas visitor recently was Tom P. Hanna, 4232-2, who spent his vacation in Houston visiting friends and relatives.

Sophie Berning and Florence Gamez, both of 1921-2, spent Easter with Sophie's son, John Farmer, Jr., a Sandian on military leave, stationed at Fort Hood, Texas.

Jury duty called Virginia Haley, 4222, away from her work in the Technical Library this month.

Estelle Muses, 1921, and her mother moved recently into a residence at 6412 Fourth St. NW after their furniture arrived from New Jersey.

A trip to Arizona highlighted his vacation for W. C. McKinley, 1933, recently.

W. C. Austin, 1933, is recuperating from an appendectomy at the veterans hospital at Fort Bayard, N.M.

Charlie Napoleone, 1933, has moved into his new home at 1301 Lester Dr. NE in the Mesa Verde Addition.

Virginia Southerland, 2464, and her husband, Vic, 2235-1, returned last week from a week's vacation to Phoenix where they visited relatives.

Expected to return April 27th from a two-week vacation trip to San Angelo, Texas, is Tommie Tolman, 2331-2, accompanied by Mrs. Tolman.

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

Visiting Mata Dugger last week end were her brothers from Denver. Mata works in 3153-1.

Honored last Friday at a birthday luncheon in the Coronado Club were Dana Tucker and Jane Letcher, 3151.

Another birthday luncheon last week honored Mollie Nason and Dorothy Anderson, 3152-3, attended by the girls of that section.

Vacationing last week from 2461-1 was Evelyn Buchanan.

When Elsie Kalfas, 3153-1, was hostess to the art club meeting at her home April 15th, the following members brought brush and palette: Mata Dugger, Connie Steputis, Carol Keith and Pat Farley, all of 3153-1, and Ann Monroe, 1512.

Dorothy Chavez, 2461-1, entertained at a luncheon at her home April 18 for the girls of Central Mail and Records.

June Stone, 2461-1, accompanied her husband for a week's vacation in Oklahoma City early this month.

Ill at Bataan Hospital is Juanita Fidler, 2461-3; her co-workers wish Juanita a speedy recovery.

Reported to be successfully recovering from recent surgery is Bernice Duke, 4133, who will be welcomed back to work shortly.

Shirley Spradling, 4135, is spending her vacation in Dayton, O., visiting friends and relatives.

Vacationing in Colorado are Steve Gambrel and his wife. Steve is in 4135.

Mr. and Mrs. Ken Sutton, 3232, and daughter, Jan, left last Friday for a two-week vacation trip to various places in Texas where they are visiting friends and relatives.

William Martin, 3233, is spending a vacation at home getting acquainted with his new son.

Ethel and Paul Kind are vacationing in New Jersey. Ethel works in 4135 and Paul in 2417-1.

Walt Halpin, 5143, is vacationing in Detroit, Mich., with his family.

Watching his new home "grow up" at 814 Val Verde SE is D. M. Ellett, 5143.

And already moved into his new home is Robert S. Neiman, 5143, whose address is 3139 Graceland Circle.

Alan Pope, 5142, returned recently from a brief vacation to Los Angeles, Calif.



DELIGHTING her grandparents during a month-long visit here is 2-year-old Suzanne Bodor who with her mother is visiting at the home of Mr. and Mrs. Fred A. Collatz, Sr., 2335. Susie's uncle is Fred Collatz, Jr., 3124. Susie and her parents, Mr. and Mrs. Guy H. Bodor, live in Aurora, Ill.

Visiting Letha Stewart, 4222, this month is her mother.

James Reed, 5142, returned recently from taking his grandmother to her home in Kansas after a four-month visit with the Reed family.

Claude Baca, 2234, is vacationing a different way this year; instead of visiting distant spots Claude is taking short trips around the state.

Spending their vacations at home from 2232 were Charles Goad, Joe Chavira and Daniel Vallejos. Dan is owner of a new Chevrolet truck.

Another new Albuquerque homeowner is Hillard J. Martin, 2232, who is residing at 534 Espanola NE.

Recuperating at home from a recent appendectomy is Jerry Liston, 2232, whose co-workers send him their get-well wishes.

Josephine Chastain, 2231, who is vacationing in California, will visit Hollywood and San Francisco before returning to Albuquerque.

Division 4151 send their wishes for a speedy recovery to Helen Lautner who underwent surgery at Bataan Memorial hospital recently.

H. A. Weber has returned to his work with AEC after a week's vacation at home.

Gerry White, AEC, served the wedding cake April 11 when Kathryn Self and Bob Fox, both of Los Alamos, were married in Gallup. Kathryn and Bob have many friends here and with SFOO.



BASKETBALL under the sun is regular fare for youngsters at Salton Sea Base. Left to right Jean Morrison, Jack Sprink, Paula Wilson and Sally McNabney enjoy the sport.

Weddings and Engagements

Louise Sage, 2143-1, was married March 21 to George C. Cebuhar at Bishops Lodge, Santa Fe. Louise, daughter of Gen. and Mrs. Charles G. Sage of Santa Fe, joined Sandia Corporation last July after attending the University of New Mexico.

George is the son of Mrs. Mary Cebuhar, Centerville, Iowa. He is a law graduate from the University of Iowa, Iowa City, and is employed in Albuquerque with Farmers Insurance Group. The couple took a wedding trip to northern New Mexico and upon their return established residence at 4923 Marquette St. NE.

Helen Sanchez, 2131, will be married May 2 in St. Ann's Church to Anastacio Sanchez of Albuquerque. Helen, daughter of Mr. and Mrs. Ed H. Sanchez, joined Sandia Corporation 26 months ago. Her fiance is the son of Mr. and Mrs. Mike Sanchez of Belen and is employed at Nob Hill Bakery. The couple plans a brief honeymoon trip to northern New Mexico and upon their return will be at home temporarily at 1632 Five Points Road. Theresa and Peter J. Cook of Sandia Corporation will be attendants at the wedding.

Theresa Sullivan, AEC, was honored at a buffet shower April 15 in the Sandia Base Officers Club library prior to her marriage next month to Capt. Fred Chanaty. Theresa, daughter of George F. Sullivan, Edmonton, Canada, will visit her father this week before embarking from New York for England where the ceremony will be performed. Fred is the son of Mrs. Michael Chanaty of Utica, N.Y., and is stationed overseas with the Air Force.

New Employees

A welcome is extended to the following newcomers who joined Sandia Corporation between April 2nd and April 14th:

James Ketner, III	1522
James R. Perkowski	1541
Jane Y. Cooper	1545
Doris J. Webster	1551
Donald W. Nelson	1553
Gene W. Mead	1631
Donald A. Baumann	1641
James P. Lamboy	1641
Raymond F. Wild	1641
George P. Warner	1643
Marian S. Flynn	1921
Cleeta M. Harris	2122
Cleeta L. Kennedy	2122
James W. Penick	2126
Vernon R. Poston	2126
Nadine L. Moriarty	2221
Betty M. Ball	2222
Velda C. Radford	2222
Dorothy C. Pratt	2231
Mary V. Simpson	2334
Joseph P. Gaynor	2335
Marilyn A. Zipt	2362
Mina C. Niemann	2419
William S. Bedwell	2452
Arthur M. Evans	2452
John F. Wise	2452
Helen L. Kluver	2461
Agnes I. Nougudski	2462
Floyd A. Kunz	2532
Geraldine L. Sepaugh	2533
Benjamin S. Gardiner	2542
M. Joanne Fawley	3153
Robert G. Taffe	4153
Norma L. Bird	4222
Sue J. Duehr	4222
Elizabeth C. Durand	4222
Gertrude G. Herring	4222
Floye L. McDonald	4222
Doris M. Oberdeck	4222
Ralph R. Davies	4231
John R. Banister	5111

Betty Hall, 4222, was married April 17 to James McCaskill of Albuquerque at the First Baptist Church. The couple took their honeymoon trip to California. Betty was honored before her marriage with a shower at the home of Carrie Pumphrey, 4222, when the following Sandians attended: Betty Pickel, Tess Emree, Loretta Nemes, Letha Stewart, Elvina Strance, all of 4222, Evelyn Wallace and Genevieve Hines, 1641-5, Ione Pearson and Natalie Bradley, 5143.

Announcement was made recently of the engagement of Mitzi Quinn, 2222-2, to Jim Fortenbury of Albuquerque. Mitzi joined Sandia Corporation 18 months ago. Date of the wedding will be announced later.

May 9 is the wedding date chosen by Dorothy White, 2464-2, and A2/C Ruel Redinger, son of Mr. and Mrs. Ruel Redinger Sr. of Bay Village, Ohio. The ceremony will be at Immaculate Conception Church in Albuquerque.

A breakfast reception will honor the couple at 2905 Constitution Ave. NE when Margaret Wetzel and Mrs. T. S. Daniels, both 2464-2, will be co-hostesses. Dorothy, daughter of Mr. and Mrs. Myron White of Ellenville, Ill., joined the Corporation in September, 1951, after attending schools in Illinois. She will be honored prior to the wedding at a shower at the home of Mrs. James Hockett.

MORE AROUND THE DEPARTMENTS

Relatives from Phoenix are visiting Stan Howard, 1281, and getting acquainted with the new daughter in the Howard home.

Birthday celebrations were due this month for 3162's Irene Palmer and Lola Brunacini.

Mildred High, 3154, and her husband enjoyed a visit with her parents in Carlsbad, N.M., over a recent week end.

Dorothy Anderson, 3152-3, and her sister, Joan Cornlee, 1323, and Joan's husband spent the week following Easter in Chihuahua, Mexico, where they went swimming and sightseeing. Coming home they ran out of gas about 20 miles this side of Chihuahua and had a few discouraging moments trying to explain their predicament to the natives. The girls say the vacation was wonderful, except for sunburns.

The week end of April 11th saw 3152's Betty Sexton skiing at Santa Fe.

Returned this week after recovery from recent surgery is Kay Graff, 5131-1.

Varied Program To Be Presented By Sandialiers

An advance look at the program to be presented Sunday by the Sandialiers indicates that Coronado Club members and guests will enjoy an evening of sparkling melodies designed for wide appeal.

Everything from "Joshua Fit de Battle of Jericho" and "Whiffenpoof Song" to a special arrangement of "Hello, Young Lovers" is scheduled. Jacque Quinn, popular and pretty Sandia vocalist, will be featured in several numbers with the men's chorus.

Terry Riggin Directs

The Sandialiers are being presented at 8 p.m. Sunday in the third of a series of musicales which are without charge to Coronado Club members and their guests. Terry Riggin, director of the chorus, has worked out some original arrangements for the program and Fred Kroll, tenor, and Frank Moon, baritone, will highlight the evening with their solos.

"By the Light of the Silvery Moon" and the "Young Lovers" song will bring Jacque to the spotlight, while Fred has chosen "Cindy" for one of his selections and Frank, "Pirate Song," for one of his solos.

Negro Spirituals

The finale calls for the chorus to echo the musical comedy hit "There's Nothing Like a Dame" to top off the varied selections of college songs, negro spirituals and familiar ballads.

John Wiening, the accompanist, is manager of the Sandia Base Branch of the Bank of New Mexico and active in music work for his church.

Terry, who also directs the mixed voice Choristers, announced last week that the Choristers will entertain May 4th at the Veterans Hospital, 7:15 p.m.



THE SANDIALIERS, who will appear at the Coronado Club Sunday, are pictured here. Standing, L to R: Frank Moon, Fred Kroll, Percy Stephens, Don Gorsline, Bob Roy, Bob Evans, Tom Muzzey, Ted Anderson and Terry Riggin, director. Seated: John Weining, A. D. Peppmuller, Jacque Quinn, Don Boeckling and Ray Delicath.

PROMOTIONS

JOHN P. HERTWECK, JR., to section supervisor of 1545-3. John joined the Laboratory in 1948 with about seven years experience in auto and aircraft mechanics. He worked a year for a local auto service firm and a year for service companies in Santa Fe. He also worked briefly for Zia Construction Co. at Los Alamos as a mechanic. In aircraft mechanics John worked a total of four and a half years for Consolidated Vultee Aircraft Co. and for three months with Hammett & Scott Co., also at San Diego, Calif. He studied pre-engineering for two years at Coffeyville Junior College in Kansas.

EDWIN I. BRUCE to section supervisor of 1264-1. Ed came to us in 1950 shortly after graduating from Colorado A & M with a B.S. in electrical engineering. Before that he worked a year for the Molybdenum Corp. of America at Questa, N. M., and a year with Pascoe Electric Co., Idaho Springs, Colo., both as a journeyman electrician. A veteran of three years in the Navy, Ed worked as a journeyman electrician for the West Construction Co. at Portage Junction, Alaska, for seven months and the Pascoe Electric Co. for three and a half years.

CHARLES H. MAAK to section supervisor of 1622-1. Charles joined the Corporation in 1951 after four years as chief metallurgist with Aero-Jet Engineering Corp., Azusa, Calif. Previously he was metallurgy development supervisor with Menasco Manufacturing Co., Burbank, Calif., for three years. He also worked as a development group supervisor with Lockheed Aircraft Corp. for three years, as an engineering trainee for Kennecott Copper Co. at McGill, Nev., for a year, and as a talc mill foreman in Jonson, Vt., for 8 months. He graduated from Massachusetts Institute of Technology with a B.S. in mining engineering.

Dr. Charles L. Dunham, chief of the AEC medical branch, recently discussed a new method of treating brain cancer by bombarding tissues with neutrons shot from an atomic pile. (Dayton News)

THOMAS J. HOBAN to section supervisor of 5251. Tom started with us in December 1950 soon after his graduation from the University of New Mexico. He earned his B.S. degree in electrical engineering there. Before enrolling at the University Tom served for three years in the U.S. Navy. He joined the Navy after working for nine months as a welder at the Kaiser Shipyards, Richmond, Calif.

Congratulations!

BORN TO:

Mr. and Mrs. Gene Bostater, 4130, a daughter March 21—weight 7 pounds 2 ounces—name Janet Grace.

Mr. and Mrs. Harold Bradshaw, 1314, a son March 19—weight 8 pounds 5 ounces—name Gary Lee.

Mr. and Mrs. Bernard Heinrich, 1311, a daughter April 4—weight 9 pounds 2½ ounces—name Debbra Marie.

Mr. and Mrs. Bill Denison, 1315, a son April 15—weight 6 pounds 2 ounces—name William Jason. (Mother will be remembered as "Jason" Denison, formerly secretary to R. E. Poole.)

Mr. and Mrs. Don Rost, 3171-1, a daughter April 15—weight 8 pounds ½ ounce—name Cynthia Gayle.

Mr. and Mrs. Sidney Gasser, 3231, a son April 10—weight 5 pounds 6½ ounces—name Howard Kenneth.

Mr. and Mrs. William L. Martin, 3233, a son April 16—weight 9 pounds 11 ounces—name George Ross.

Mr. and Mrs. Tex Arterburn, 2123-6, a son—weight 5 pounds—name Michael.

Proposed Flying Club Seeks Few More Members

Flying enthusiasts are asked to contact Lyman Middleditch, ext. 26260, if they are interested in joining a proposed flying club for pleasure and vacation trips.

Lyman says about 10 persons have already indicated their interest in forming such a club, but several more participants are needed.

Lyman may also be reached at his home after working hours, Alb. 7-9306.



NEVADA PROVING GROUND Test Manager's Advisory Panel for the Spring 1953 series of nuclear tests is pictured here. Standing, L to R: Dr. Everett Cox, Sandia Corporation; Lt. Col. James Harger, USA; Phillip W. Allen, U. S. Weather Bureau; and Dr. Oliver R. Placak, U. S. Public Health Service.

Seated, L to R: Carroll L. Tyler, Test Manager; Dr. John Bugher, Director, Division of Biology and Medicine; Captain Harry Haight, USN; Dr. Howard L. Andrews, U. S. Public Health Service; Col. George F. Taylor, USAF; William R. Kennedy, Los Alamos; Dr. Alvin C. Graves, LASL, Scientific Test Director.

**Just Ask Jesse McBride
If It Isn't True That**

**Gardening 241 Feet Below Sea Level
Has Its Many Trials And Tribulations**

You think you have gardening troubles? Listen to their task at Salton Sea Base where the surface soil is so saline they carry in sand from nearby dunes in which to grow grass. But, most surprising of all, the grounds are a riot of color, a beautiful green garden spot in a bleak desert.

Who's responsible for this success? Probably a good many people from the Plant Services organization of Sandia Corporation and Salton Sea Department.

The Green Thumb Man

However, the man who has had his hands in the earth, the man with the green thumb, the man who has spent countless hours on his knees to produce this lush garden is Jesse E. McBride, 2483.

Jesse came to Salton Sea in July, 1949, working for a contractor who was putting in the landscaping. He has stayed there and probably, along with Department Manager T. A. Sprink, knows more of the secrets of desert growing success than anyone else in the area.

Palms Needed

There were only four local palms on the grounds when the base was taken over by the Atomic Energy Commission. Forty-six were later brought in (one of them weighed 8,500 pounds) from nearby locations which you could well call "oases."

The beautiful grass Jesse has put in around San Felipe lodge is a triumph of obstacle hurdling. The native mineral laden soil will not grow grass so "blow-sand" from nearby dunes is brought in, some purified limestone and barnyard manure added. In this mixture Jesse plants annual rye and Bermuda—the result, year-round green lawns.

Oleanders Border Drive

Flowers and shrubs, of the quantity and quality which could well make an Albuquerquean downright envious, abound in Jesse's gardens. Oleanders, a beautiful blooming shrub, line the road from the gate to Lodge—perhaps half a mile. There are four or five miles of tamarack planted for windbreaks, and garden flowers in quantity sufficient to fill the vases of homes in a good-sized town.

Jesse says he has been a farmer



Gardener McBride

most of his life, left several times to become a commercial fisherman and work in an aircraft factory, but "I've always returned to the soil."

Fresh Water Needed

"And I have to keep on the job," he explains, "for if these shrubs don't have sufficient fresh water the roots go lower looking for moisture and get in the seepage from Salton Sea, which is nearby and has a mineral content greater than the ocean."

Jesse is probably the only gardener in United States who has such great success some 240 feet below sea level. "But don't quote me as being an expert," Jesse has warned us, "I'm just a farmer who loves to see things grow."

Bowling

ALL STATES LEAGUE

Team Standings	Won	Lost
Oklahoma	63½	44½
California	61	47
New York	54	54
Illinois	52½	55½
Michigan	52¼	55¼
Indiana	50	58
Iowa	49½	58½
Wisconsin	49	59

Team and Individual

High team series: Oklahoma, 2567.
High team game: Oklahoma, 939.
High individual series: Schultz, 591.
High individual game: Barton, 236.

Top 10 Averages

Allman 167; Parsons 167; C. Lindquist 166; Schenke 165; Ginther 164; Schultz 163; Guntrum 159; Muchowski 158; Callahan 158; Clemons 157.

JUNGLE LEAGUE

Team Standings	Won	Lost
Lions	65	43
Lobos	65	43
Wildcats	62	46
Gophers	53	55
Mustangs	52	56
Rabbits	50	58
Bears	43	65

Team and Individual

High team series: Lions, 2678.
High team game: Lobos, 940.
High individual series: Rowe, 620.
High individual game: Leonard, 246.

Top 10 Averages

Davis 177; Maxwell 175; Rowe 173; Duffield 173; Anderson 170; Mills 168; Cook 167; Campbell 166; Leonard 165; Stradford 165.

INDIAN LEAGUE

Team Standings	Won	Lost
Hopi	63½	40½
Potawotomi	59½	44½
Apache	59	45
Blackfeet	55	49
Arapahoe	52	52
Mohawks	44	60
Navajo	43	61
Zuni	40	64

Team and Individual

High team series: Apache, 3121.
High team game: Apache, 1184.
High individual series: Lloyd, 729.
High individual game: Lloyd, 279.

Top 10 Averages

Nendell 180; Abbott 172; Malley 170; Parsons 169; Leonard 167; Lloyd 167; Northrup 166; Gray 165; Fink 164; Horne 164.

LADIES' "JEWELLETTE" LEAGUE

Team Standings	Won	Lost
Zircon	70	42
Emeralds	68	44
Onyx	64½	47½
Sapphires	58	54
Turquoise	54	58
Garnets	49	63
Diamonds	48	64
Jades	36½	75½

Team and Individual

High team series: Zircons, 2299; Emeralds, 2266.
High team game: Emeralds, 791; Zircons, 787.

High individual series: Erma Fauerbach, 574; Mary Lou Butler, 552.
High individual game: Erma Fauerbach, 229; Betsy White, 207.



TROPHIES ARE PRESENTED to the Sandia Employees basketball champion Boilermakers by E. W. Peirce, Dept. Manager of Employee Services. The presentation was made at a basketball dinner held in La Caña Room of the Coronado Club.

Shown left to right are Art Pehrson, John Kelley, Bob Schockney, Chet Clyde, Howard Sierberman, Bob Morgan, Wally Jungmeyer, Charley Chavez, Jim Lang and Mr. Peirce. Members of the Hoosiers, winners of the post-season tournament, also received trophies.

**Home Baseball
Schedule of
Sandia Base Team**

Tuesday, April 28	Simons Sandia Base Diamond
Friday, May 1	Morrow Electric Community Heights Diamond
Monday, May 4	Kirtland AFB Community Heights Diamond
Thursday, May 7	Carpenters Union Community Heights Diamond
Wednesday, May 13	Los Alamos Sandia Base Diamond
Wednesday, May 20	Davis Monthan AFB Sandia Base Diamond
Thursday, May 21	Davis Monthan AFB Sandia Base Diamond
Sunday, May 24	Carpenters Union Community Heights Diamond
Tuesday, May 26	Kirtland AFB Community Heights Diamond

All games are played at 8 p. m.

Classified

FOR SALE—

Pedigreed boxer pups; may be seen Sunday afternoon at 513 Carlisle Blvd., SE, Deselm, Alb. 5-2634.

Trunk 24 x 40 inches \$7.50, Allen, 2530 LaVeta Dr., NE, Alb. 6-2278.

Clemson aluminum lawn mower with grass catcher \$13, Zimmerman, ext. 22152 or Alb. 5-7955, 725 Madiera Dr., NE.

Female Chihuahua, 4 pounds \$50, Fitch, ext. 5150.

Welbilt gas range, butane \$55; G. E. Monitor refrigerator \$25, Oppmer, ext. 21250.

1949 Cushman Motor Scooter \$75, Nepple, ext. 6260 or Alb. 5-9341.

Underwood portable typewriter, with case, original cost \$95 will sacrifice for \$40, condition may be checked before purchase, Tebbe, ext. 29162.

1950 Nash Statesman super 2-door, over-drive, direction signals, heater, oil filter, new seat covers and paneling, Mentz ext. 27163 or ext. 29188 after 5 p. m.

'47 Chevrolet club coupe, R and H, good tires, dependable transportation \$580, Pliner, ext. 28231 or Alb. 5-2967 after 5:30 p. m.

1950 2-door Plymouth, R and H, one owner, 24,000 miles, ext. 24146 or Alb. 4-4805 after 6, DeHaan.

Thor Gladiron \$60; modern floor lamp with 3-way indirect bulb and reading spotlight \$15, Nicovich, ext. 4261 or Alb. 6-1237.

Compressor, 100-pound port and spray gun, Sears Best, 25 ft. hose, hardly used \$60, Oswald, ext. 4245.

8mm movie projector, 500 watt, action viewer, titler, three 200-ft. rolls film, extra cans and reels \$55, Kutzley, ext. 25238 or Alb. 5-3572 after 6.

Jawa Motorcycle (Czech. make) 125 c.c. \$115 with 1953 license plates and insurance for entry to Base, spare parts, Sandoval ext. 23216 or Alb. 6-0433.

5 acres 4 blocks west of Coors Rd. and Bridge St., 100-mile view of valley, \$2,000, Myrick, Alb. 6-3835.

1939 Chevrolet, master de luxe 2-door, mechanically good, \$235, Allensworth, ext. 25244.

1951 Ford V8 2-door deluxe, heater, directional lights, low mileage, clean, good tires, good engine, will sell \$400 equity or trade for clean '47 or '48 model, \$53 monthly payments, Torres, Alb. 5-5871 or see at 524 California SE.

1 novice 80 meter transmitter; 1 10-meter converter; 1 6-10-11 meter converter; 1 40-20 meter V. F. O. Roane, ext. 7156 or Alb. 3-5429.

1 pr. boudoir lamps, crystal base, pink shades \$4; 1 cocktail table, leather top mahogany \$4.50, Dusek, 812 Adams St., NE.

Norge refrigerator Model D-8-48, Benton, 435 Lafayette Pl., NE, Alb. 5-4466.

Easy Spindrier washing machine \$20, Boase, ext. 6145, 8039 Aspen Ave., NE.

Stenotype machine and case, master model four \$25, Dove, Alb. 5-8169.

Magnovox Console, phono-radio combination 1½ years old \$350; 2 floor lamps, 3-way switch \$5 each; bridge lamp, 3-way switch with swinging head \$7.50; Perflex Camera F 2.8 lens, shutter speeds to 1/1250th complete with filter, case and flash attachment \$60; table lamp \$2.50; large doghouse \$10; 4 tubes 7-10 x 15 \$2 each; coffee table \$5; man's English 3-speed bicycle \$35; poker table and 8 chairs \$75; Brown, ext. 6228. After 5 p. m., call ext. 31195, 3238-B, A St., Sandia Base.

English 3-speed bicycle, wire basket, practically new \$50; also camera accessories for 4x3 Pacemaker Graphic — film pack adapter, flash gun, 4 filters, lens shade and carrying case, all new \$33.50, Heath, Alb. 5-5418.

White faille taffeta ballerina-length dress, size 10-11 \$5; navy blue ¾-length evening wrap \$5; living room clock, electric, dark wood \$4, Moulder, ext. 33159.

Divan bed, cocoa brown \$75, Mrs. Steffa between 8-5 Alb. 5-8781, ext. 245.

1952 Chevrolet 2-door Styleline special, R and H, sun visor, seat covers, filters, turn signals, back-up light, light grey, one owner, 11,000 miles \$1695, Sublett, ext. 26145.

Peerless A-100 Amplifier kit complete with tubes, Myers, ext. 28265.



THE INFORMAL, ranch-style atmosphere of the Coronado Club's new game room seems typified in the winning entry of the name-the-room contest—"The Corral," submitted by Ivan W. Marshall, 5252. Appointed with furniture in ranch oak design and featuring knotty pine papered walls over a deep brown

wainscoting, "The Corral" promises to be a highly popular relaxing haven for club members and their guests. Ivan will receive a 6-months free membership to the Coronado Club for his winning entry. The judges committee included Joe Hickey, 3122, Maxine Ethridge and William A. Jenkins, both of 3125.

1951 Chrysler convertible, green "Windsor", low mileage, heater, deluxe model, good tires, can be seen at 2627 General Marshall, NE, Hoffmantown after 5 and on weekends, Edwards, ext. 33136.

Kroehler 2-pc. living room suite \$35; 4 tubes and 2 tires, 760 x 15 \$20; will consider trade for gun, Flowers, Alb. 6-1656, 227 Mesilla, NE.

Five rooms of furniture, only 6 months old, will sell separately or as a group, Fries, 600 Alvarado, SE.

Piano, upright, Thompson and Son, Meekins, 7410 Sky Court Circle, NE, ext. 33236.

5-room home in valley, down payment my equity, car port and garage, beautifully landscaped, deep irrigating well, chicken house, many shade trees, Hensley, 1652 Del Norte, SW, Alb. 3-6006 or ext. 3-3236.

Coldspot electric refrigerator \$50; also Sears electric hot water heater, almost new \$75, DeHerder, ext. 24157.

Beautiful Collie dog, registered by the American Kennel Club, see at 1215 Tijeras, NW, Alb. 2-1321, Lucero.

1951 Kaiser \$800 or best offer, Allen, Alb. 3-3129 after 5.

4 chrome and red plastic kitchen chairs with red and white kitchen table \$35, Prince, ext. 7241.

Electric Hawaiian guitar, complete with stand, music rack, picks, bars, hardwood, leather covered case, Gibson amplifier, cost \$245 now \$120, Booth, ext. 23149 or Alb. 3-8432.

Puppies, English Springer Spaniels, sired by "Best of Breed" winner at recent dog show \$35, Barth, ext. 4265 or Alb. 6-1014, 2108 Hendola Dr., NE.

4 Albuquerque ranch estates, acre lots at \$350 each, by owner, terms; also 38 bd. ft. 2 in. select hard maple at 45c; 6 in. to 8 in. wide, 11 ft. to 12 ft. long, S2S, all or part, Baxter, ext. 26258 or Alb. 6-0898.

FOR RENT—
Two-bedroom unfurnished apartment, stove, bedrooms upstairs overlooking sundeck, Loomis, 1111 Lead, SE, Alb. 2-1579.

Four room house plus dinette and bath, garage, stove, refrigerator, washer, enclosed yard with lawn \$95 a month, Taylor, 1803 Morningside Pl., SE, ext. 27150.

WANTED TO RENT—
3-bedroom house unfurnished but with refrigerator and stove by Sandia employee last week in May; John Stamm, Box 589, Oxnard, Calif., or ext. 5261 for information.

RIDE WANTED—
Rides to south tech. gate for 2 people; pick up at 1600 and 1300 block Coal Ave., SE, Corp. hours, Betty Rivers, ext. 24141.

From vicinity Broadway and Indian School Road, to Bldg. 802, Corp. hours, Dolores Osbourne, ext. 29260.

From 800 2nd St. North or Las Lomas and Second St. North to south or east tech. area gates, Martha Robinson, ext. 7261.

1111 Lead, SE, Corp. hours, Natalie Loomis, Alb. 2-1597 after 5 or weekends.

Or will join car pool. Vicinity Carlisle Plaza, Gourd, ext. 25164.

RIDERS WANTED—
Riders wanted to Las Vegas, Nev., on May 4 or May 5, share expenses, no driving required, Wulfe, ext. 24166 or 23165.

Two riders wanted from Jeanette Ave., SW, to south tech. area gate, Corp. hours, Larry Duran, Alb. 2-9932 or ext. 26154.

Vicinity of 269 Sunset Road, SW, to vicinity Bldg. 802, Corp. hours, Susan Heflin, ext. 4167 or Alb. 3-7049.

MISCELLANEOUS—
Have duplicate U. S. stamps and coins to trade for issues I need, Jackson, ext. 7165 or Alb. 6-0318.

Child care my home days or anywhere evenings, Mrs. Olson, 3501 Ross Ave., SE, (Delfred Olson, ext. 26219).

LOST—
23 jewel Waltham Watch between Bldg. 824 and north tech. area gate, Abe Arelano, Alb. 2-0555 or ext. 6241.

Earrings, silver dangle with turquoise set outside of south door of 802, Gene Hullette, ext. 5145.

Strand of valuable pearls, plain clasp, Mrs. Jack Merillat, ext. 5187, Reward.

Air Force Dance Band To Appear At Coronado Club Tomorrow Night

Tomorrow night the Air Force Dance Band will perform at the Coronado Club at an informal dance. This 17-piece aggregation is sure to provide a full evening of enjoyable music and dancing. It's all free to members, \$1 per guest. The dance starts at 9 and lasts until 1.

Photog Frolic

On Sunday the Sandialiers, the men's glee club, will appear at the monthly Sunday evening musicale from 8 to 10 p.m.

The Amateur Photog's Frolic on Monday evening will feature Miss Jackie Barnes, who was a contestant in the Miss Universe Beauty Contest recently and who has been called America's Most Beautiful Teen-ager. She will pose while local shutterbugs capture her beauty on film.

Assisting at this event will be

J. J. Michnovicz and Wallace Boyes of the Laboratory's Photo Division. They'll aid the amateurs with technical advice on camera settings and the placing of flood lamps.

The last bingo game of the month will be on Wednesday followed by duplicate bridge on Thursday.

Starting off the May calendar of events is an informal dance on Saturday, the 2nd, with Don Lesman and his orchestra. The dance is from 9 to 1. Admission is free to members, \$1 per guest.

"Antigone" Next Play for Sandia Little Theatre

"Antigone" is the choice of the Sandia Little Theatre Group for its next presentation the latter part of May.

A modern version of the old Greek drama, "Antigone", was adapted to its present form in France and translated to English by Louis Galantiere.

James Morley will direct the play and if the group repeats the fine performances of "Rain" and "Clutterbuck," Little Theatre-goers will be in line for a full evening's entertainment.

Newly elected officers of the Sandia Little Theatre include Marcelle Hall, president; Carolyn Tippit, 1641, vice-president; Helen Hilsinger, business manager; Bill Crossett, secretary-treasurer; and Jim Olson, technical director.



PHOTOGRAPHERS Wally Boyes (left) and Mike Michnovicz will supervise amateur shutterbugs at the Coronado Club's Amateur Photog's Frolic next Monday, the 27th. The star of the evening will be Miss Jackie Barnes, a contestant in the recent Miss Universe Contest and holder of the title America's Most Beautiful Teen-ager. She will model for the amateurs while Boyes and Michnovicz give camera advice.

Sandia Laboratory Field Testing AT N. P. G.

This is another in a series of pictures of Sandia Laboratory employees who work on the AEC's nuclear testing program at Nevada Proving Ground. Not all Sandians in Nevada have been pictured and not much of their work can be related in detail.

These men and women, most of whom are in the field testing organization of the Laboratory, play a vital part in the extensive program which helps us forge ahead in the fields of nuclear research.



CLOSE QUARTERS house electronic equipment in a Sandia Laboratory field testing trailer at NPG. Working with the equipment are Bob Whittauer, rear left; Ed Ames, right; and Norman Bolinger, shown in the foreground.



FINAL TOUCHES are given Sandia Laboratory instruments before the hour of a test at Nevada Proving Ground. At work on the equipment are Howard Sander, Dean List and Carter Broyles. Instrumentation is vital to the tests.



MICROBAROGRAPH installation requires work at various locations in several states and takes much planning and preparation. Willard Gustafson (in truck) and Clem Rawlins are two engineers working on the project.



EVEN IN JAIL, the Boulder City jail, you may find microbarograph stations. This one is being checked out by Don Larsen, foreground, and Carl Csinnjinni. Public buildings are often used for stations to save paying rent.



TRAILER SHOPS, fully equipped, provide working quarters for Sandia Laboratory's engineers when they are in the field. Bob Scussel, rear; George Curry, center; and Ray Wulfe are pictured in one of the NPG mobile labs.



AIR COMMUNICATION work is pictured here with Al Trammel, left; and Al Bolles at the controls. Sandia Laboratory provides men for many various types of work at NPG and they help operate the country's great atomic test area.



AN EASTER EGG HUNT has these Sandia Base youngsters on the run. The hunt was put on by Mrs. DiBella (extreme right) for the children in her neighborhood. Her son, Angelo, works for Sandia in 5241.

MORE OF

"Loose Talk About Loose Talk"

(Continued from Page 1)

"The upshot was that there weren't any facts. The authors were unable to provide us with one single instance of a real security breach. And, furthermore, nothing that they said they had overheard or learned anywhere could be identified by either the Commission or them as a real secret.

Authors Contacts

"Far from having talked or checked with 'responsible officials' as the editor's note on their series had said they did, the only persons the authors contacted who may have had any direct connection with the program were three laborers, not identified, whom they met in a bar in Albuquerque and who purported to work on the AEC project.

"For all anyone really knows, they may have been cowboys. Even if

they did work on the AEC project, there was no way for the authors to know whether they knew any real secrets or would recognize any if they saw them.

Talk to Army

"Although the authors didn't bother to contact the Commission to verify their so-called 'facts,' we have established that they did contact responsible army security officials, apparently in an effort to find someone in a position of authority who would say AEC security was bad, particularly in comparison with army security practices.

"Far from finding support for their irresponsible charges, the army security officers assured the reporters that AEC security was of the highest order, and that many of the people looking after it were trained by the army and were veterans of army security work in the last war. But the authors neglected to put these comments in their articles.

Freedom of Press

"Now I am in favor of freedom of the press. But I am also in favor of the freedom of the individual to have his say when a reporter or two takes advantage of the freedom of the press to make irresponsible and unverified charges.

"Like the authors of this series of articles, I am against loose talk; but I am also against loose talk about loose talk, and that is what these two reporters are guilty of.

Circus Approach

"I am also disturbed by the unusual attempts, of which there are many, to ballyhoo these stories. For one thing, they were distributed under headlines of the type one would use to advertise the coming of a Ringling Brothers circus.

"One of the other attempts to publicize them was an approach to the Commander of the American Legion, who, not knowing the facts, suggested that the charges might be an appropriate subject for a Congressional investigation.

"As a Legionnaire, I resent this suggestion, and I am sure that when the Commander of the Legion is told the facts, which I have undertaken to do, he will be the first to say that Congress has better things to do with its time than to lend credence to irresponsible charges.

Listen to Loose Talk

"I want to say here and now, to keep the record straight, that one of our deepest concerns is to protect information which would help an enemy and hurt us. In this connection, if anyone anywhere hears anything he thinks might be loose talk about real secrets, I hope he will come and tell us about it so we may look into it, determine the real facts and deal with those who are guilty.

"If anyone wishing to report anything of this nature doesn't know where to turn, I invite him to report what he knows or suspects to me. But I hope he will not do us the disservice of giving wide and sensational circulation to irresponsible charges based on bar gossip, unverified rumor and hearsay.

"All of this is an example of the headaches we have to put up with in atomic energy. I have taken the time to describe the facts to you to put the record straight—something that is always next-to-impossible to do after the fact—and to illustrate how long and tedious is the road which builds prestige, and how easy it is to tear it down."

Back from Service

Sgt. Benny M. Garcia, formerly of 2231-4, has completed his military service. He recently returned from Korea in time to spend Easter with his family. A member of the 72nd Tank Battalion, Benny served in the Army two years, 11 months of which were in Korea. He reported back to work at Sandia this week and is again working in 2231-4.

Nevada Testing Requires Many Professions, Skills

Who are these men who travel over much of the world with the atomic energy field test program? Here are a few of them, chosen at random, and their stories—how they happened to be working for Sandia and why they are in Nevada today.



Robert B. Bunker

Mechanical engineers frequently enter the scene at Nevada Proving Ground and one of these men is Robert B. Bunker, Sandia Laboratory's project engineer in charge of instrumentation.

Bob is a native of California and spent his youth in Monte Bello where he received his public school education.

It was early in life when he found himself interested in the mechanical side of the world and it was through his early tinkering and investigations with household items that another engineer was started—and this engineer later found himself at NPG working with nuclear experimentation.

Bob decided upon New Mexico for college when he completed high school and graduated from the state university in 1948. In a short time he started work at Sandia.

Today Bob is married, has two sons, a home in Albuquerque and is assigned to Division 5234.

Atomic tests are not a new thing to Bob. He has worked two periods in the Pacific and this is his third test in Nevada. Veteran field men are valuable to the project and he is placing his past experiences to good work.

The job facing Bob this year in Nevada is three-fold. He has helped design and check out some of the equipment which he is using in measuring pressures. Many other instruments he uses are designed by other Sandia organizations and then are handed to 5230 for field use.

"We are a field testing group," Bob says, "and we are also a service organization." The second phase of his job, as he points it out, is the installation of the instruments, and the third is graphically recording the results of the various tests which will be studied and interpreted by other Sandians.



John M. Harding

The nuclear sciences have brought forth to our country a highly specialized professional group of physicists. This strain of scientist comes into its own at the Nevada Proving Grounds. John M. Harding is one of Sandia's physicists wearing the denim "uniform" of the men in the field.

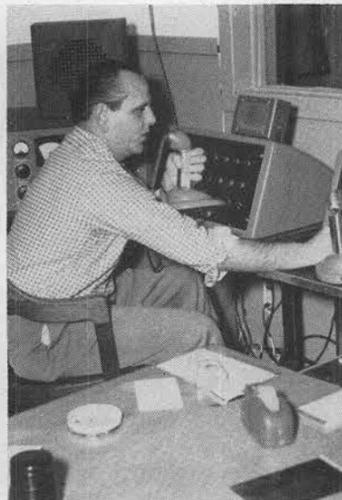
Some 15 years of college study and research are behind John who has the degree of doctor of philosophy. Like other scientists who are deeply involved in many varied studies at the Nevada Proving Grounds, Dr. Harding is usually clad in blue jeans, a warm jacket and high shoes.

The train of events which started young John Harding from his home in Spokane, Wash., and carried him to the nuclear tests is one of extensive study. Several years of graduate study at the University of Washington found John completing a thesis entitled "Threshold Excitation of Cerenkov Radiation." After receiving his degree at Washington, John worked as a research assistant in the physics department of the University of California at Berkeley. In December of 1950 he started work as a research scientist at Sandia Corporation.

Today as division supervisor of 5234 John heads a group of men engaged in accomplishing a multiple mission which involves problems originated in the search to find the solutions to the puzzling problems of nuclear research.

Fulfilling work requested by the Department of Defense, delving into certain aspects of nature which have never been studied before, performing the multitudinous purposes of a "task force" is the chore he daily encounters.

When not in the field John is at home with his wife in their home on the northern edge of Albuquerque.



Thomas H. Long

During World War II, young Thomas H. Long was a crewman on a Navy dive bomber in the Pacific. Tom, who was a machinist's mate at the time, had duties which included those of gunner, engineer and radio operator. When he left the Navy he chose radio for his career.

After a year and a half in a Hollywood radio school, Tom worked in commercial broadcasting stations in Idaho and California. In 1950 he started work for Sandia Corporation and was stationed at Salton Sea Base.

Tom's work at NPG can somewhat be likened to that of a traffic policeman—but it is much more complicated. "When I was radioman on the dive bomber I talked a lot with the men controlling the traffic, and decided that was for me," Tom says. Now highly accomplished in his profession, Tom has made a name for himself in his ease and skill of handling heavy air traffic.

Seated behind a rather impressive array of dials, controls, panels and microphones, Tom carries on his business which at times might make a less unruffled man nervous.

Working the aircraft control at the Nevada Proving Ground with Tom is his section supervisor Greg Abeyta and Al Bolles, Earl Shannon and Alonzo Trammel.

After the war Tom was married and now has two children, Michael 6 and Patricia 3. The job takes him away from home, and the kids and their mother, Margaret, take his absence in stride but Tom, missing the family all the time, helps keep tab on air traffic vital to the Nevada Proving Ground.

Tom is now assigned to 5251-2. Of his work at NPG all he has to say is, "I'm always unlucky at our evening session of pinochle."



Greg Abeyta

Greg Abeyta, a native of New Mexico, found a trail to Sandia Corporation through a Civilian Conservation Corps radio school and the wartime Merchant Marine. Today Greg is in charge of radio communications for the Sandia Laboratory microbarograph program.

Born in Abeytas, N.M., he received his education in La Jolla and studied at New Mexico A & M College. Greg's interest in radio was born one day in CCC camp when he saw a notice of the opening of a radio school.

After completing his CCC work he studied 10 months at Gallup Island Merchant Marine Radio Training School near Boston and then was on sea duty for four years as radio operator.

After the war Greg operated a restaurant in Albuquerque for a year and then in 1946 went to work at Sandia Base as a Civil Service employee, later transferred to work for the University of California and then became a Sandia Corporation employee.

Now working at his second test series at the Nevada Proving Ground, Greg is busy in several different locations throughout the area installing radio transmitters and receivers. He has even worked in a jail cell in Boulder City where one station has been installed.

"Each station has a 300K4 transmitter and an SP600 receiver," he tells us. This radio system ties together the several stations of the microbarograph network.

Greg is married, has two sons. Sylvia, his wife, runs the household while Greg is in the field and he says she is philosophical about his work away from home. "It's all part of the job," she says.



The BULLETIN camera caught some of the Sandia folks at Salton Sea Base recently. The Base forms an oasis in the low-altitude (230 feet below sea level) desert that surrounds Salton Sea in south central California. Established as a World War II Naval Base, and later a facility of the Manhattan Engineer District, Salton Sea now serves as the principal ordnance ballistics testing station of the Atomic Energy Commission. As such it makes important contributions to the work of Sandia Laboratory.

Like Sandia Laboratory, Salton Sea Base is operated for the Commission by Sandia Corporation. While much of the work is classified and cannot be told or pictured, many of our California Sandians are engaged in non-classified, but vital, jobs which can be pictured. Some of those jobs, and the people who fill them, are shown here.



AMATEUR RADIO ENTHUSIAST of many years is Salton Sea Department Manager Ted Sprink. Since the 20s Ted has been on the air and has a fascinating collection of cards from many parts of the world confirming contacts he has made.



BUSINESS TRANSACTIONS—Lt. Harry Schnarr, 2481, talks it over with Boyd Hoff, Sandia Corporation Insurance Counselor, on one of Boyd's recent trips to Salton Sea Base.



SAN FELIPE LODGE at Salton Sea Base provides hotel accommodations, apartments and a restaurant for temporary and permanent residents at "The Sea."



CHET LAMB, 2483-1, is in charge of Salton Sea Base Warehouses.



HEAVY EQUIPMENT abounds at Salton Sea Base where there are many miles of roads through the desert. Helping build and maintain those roads are

these men: Left: Chester S. Corrigan; Center: Arnold Duncan and Tom E. White; Right: Whitey Cain.



DON FIFIELD, 2483-2, heads the Marine and Motor Pool Section at Salton Sea Base.

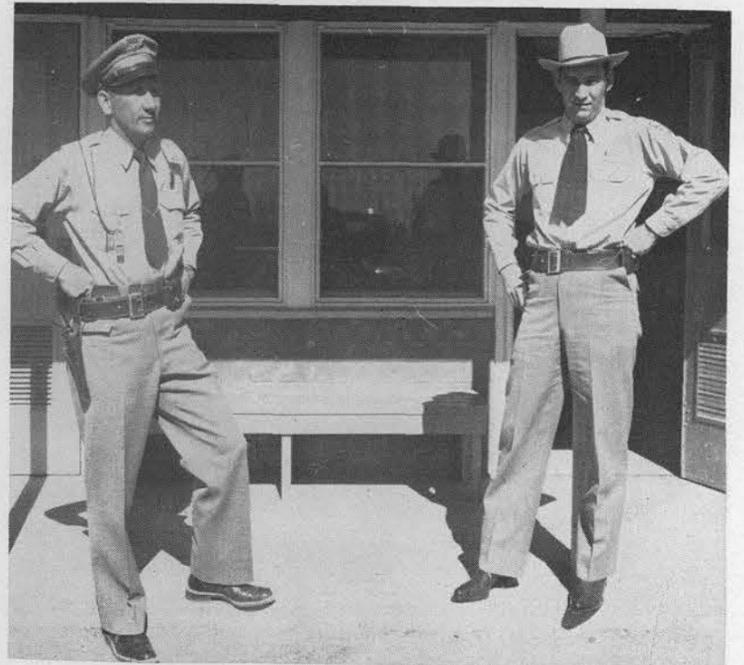


AUTOMOTIVE SERVICER, Marvin J. Foster, helps keep 'em running.



MOTOR POOL MECHANICS keep automobiles, trucks, and miscellaneous heavy equipment operating.

L to R: Hubert F. Reynolds, John Freelove, Pierre Chevalier, Harry Mitchell.



KEEPERS OF THE GATE—Security Inspectors Ray Nusink and George Wilson, both 2481, were pictured while on duty at the gate of Salton Sea Base.



BEGINNING A CHUKKA at a recent practice scrimmage, polo players line up as referee Bill Wonderlich (center facing camera) tosses in the ball. From here on the action is fast and furious. In the

left foreground is Ed Shorr and next to him Wylie Johnson (with hat) owner of the Four Hills Ranch where games are played. Extreme right foreground is Jim Galbreath with Don Patch riding next to him.

Polo Goes Western As Sandians Join Other Horsemen in Desert Practice

"That was a pukka chukka, old man."
"Righto, let's have at it again, shall we?"

This is the kind of conversation you might expect from a couple of polo players, but you'd be disappointed if you attended one of the practice sessions that are a regular thing now with a group of polo enthusiasts from Sandia.

Instead of a clipped British accent you might hear a western drawl and while a chukka is still the standard period in a polo game, it's seldom referred to as "pukka", or splendid.

Forming a loosely organized club, the polo players, many of them brand new to the game, meet each Tuesday after work for a practice session at the Four Hills Ranch.

Experienced players Ed Schorr 1261-1, Bill Wonderlich, 1332, and Don Patch of Kirtland, conduct the instruction for the novices on Tuesdays and usually on Thursdays also.

Then, each Sunday, between 1 and 2 p. m., a polo game is held in the ranch arena with the experts plus two beginners competing.

Membership in the group is open to anyone interested in horseback riding who will attend regularly. All they have to do is show up and say they want to play.

In order to create interest in the sport the polo group is sponsoring a Chuck Wagon Party featuring moonlight horseback riding and a steak dinner at the end of the trail. The party is scheduled for Thursday, April 30. Anyone interested may secure details by contacting Ed Schorr at ext. 4150.

Others who play polo regularly with the group are Gerry Morrisroe 1243, Daurice Hall 1213, Bill Jenkins 3125, Jim Galbreath 3153, Val Seward of Kirtland, Dave Graff, AFSWP, and Craig Casper 2121-2.



TOURNAMENT CHAMPS: The Hoosiers, winners of the post-season Sandia Employees Basketball Tournament, are shown above. Left to right, front row: Frank Duggin, Jim Winters, Jerry Olguin, and Maurice Chavez. Back row: Paul House, Milt Mikkelson, Wayne Hancock and Roy Dunlap. Missing from the photo are Howie Smyth and Tom Halloran.

Hoosiers Win Over Boilermakers and Take Tourney Honors

The referee's whistle ending the championship tussle between the Hoosiers and the Boilermakers on Friday evening, April 10, sounded the taps signifying the demise of the five months long 1952-53 Sandia Employees basketball season. It also sounded the end of the Boilermakers' struggle to cop the dual title of league champs and tournament champs as they fell victim to the Hoosiers powerful attack and dropped the final tournament game by a score of 43-28. Their 15-2 season record, however, was good enough to give them the league title.

Win Hard Way

The Boilermakers came up the tourney ladder the hard way, reaching the finals only by hair-splitting scores of 37-36 over the Wildcats and 37-35 over the Gophers. The tired but fighting Boilermaker five was unable to stop the deadly shooting of Hoosier pace-setters Roy Dunlap and Milt Mikkelson who collaborated for 22 of the Hoosier markers.

Wally Jungmeyer and A. G. Schuknecht with 8 points apiece were the big guns for the Boilermakers. The Hoosier defense successfully bottled up the rest of Jim Lang's cagers and the tourney champs were not seriously threatened after the first few minutes of the game.

9 Teams Enter

The post-season single elimination tournament did not alter the final standings of the league which ended April 2. Each of the nine teams in the league was entered in the tourney. Complete results of the tournament were:

First round: Hoosiers 54, Buckeyes 24; Wolverines 43, Badgers 35; Gophers 47, Spartans 25; Wildcats 49, Illini 41. Boilermakers drew a bye.

Second round: Boilermakers 37, Wildcats 36. The Hoosiers, Wolverines and Gophers drew a bye in the second round.

Semi-finals: Hoosiers 47, Wolverines 35; Boilermakers 37, Gophers 35.

Finals: Hoosiers 43, Boilermakers 28.

Will Make Plans For Employees' Golf League Next Monday

Organizational meeting of the Sandia Employees Golf League will be held in the Conference Room of Bldg. 802 on Monday, April 27, at 4:30 p.m. All persons interested in participating in the league are invited to attend.

Teams still intact from last year's competition should be reported as such. New three-man teams are welcome. Individual duffers not associated with any team also are invited. They will be placed on one of the existing teams where possible or new teams will be formed.

In addition to the formation of the league plans for a spring tournament will be discussed. Additional information may be obtained from Chet Fornero, ext. 31235.

14 Softball Teams Start League Play

Fourteen softball managers attended the organizational meeting of the Sandia Employees Softball Association last Friday, April 17. A second meeting was scheduled for this morning to make the final plans for the 1953 softball season.

League play gets underway Wednesday evening, April 29, at 7 p.m. on the four diamonds directly south of the Base gymnasium. Until further notice all the Sandia Employee games will be played on Wednesday evenings on the same diamonds.

Rules Committee

A Rules Committee consisting of Harold Cushman, Jim Schlahta, Wally Jungmeyer, Hoot Lambert and Dick Heim was named to draw up the rules and by-laws of the association. The Committee was to report to the other managers at the meeting today, and a final vote on the rules was to be taken.

A second committee was set up to draw up plans for the annual tournament and the distribution of trophies. On this committee are Wally Green, Harold Cushman and Bill Pumphrey.

Because of the large number of teams entered in this year's competition, the managers voted to divide the association into two leagues with an end of season playoff between the first place teams in each league to determine the 1953 champions. The managers also agreed to name their teams after Major League ball clubs and to call the two leagues the "American" and the "National."

Two Leagues

Managers present at the organizational meeting and the names of their teams are: National League, Glen English, 2122, Cubs; Hoot Lambert, 3171, Giants; Wally Jungmeyer, 5241, Cardinals; Leo Reynolds, 2533, Redlegs; Howard W. Pumphrey, 1641, Pirates; Dick Ballard, 3231, Phillies; and Harold Cushman, 2535, Braves.

American League: Harry Snodgrass, 2542, Browns; Wally Green, 1211, Yankees; R. A. Poe, 1612, Red Sox; Jerry Olguin, 2541, Athletics; Ward Hunnicutt, 2441, Indians; Jim Schlahta, 3152, White Sox; and Roy Maxwell, 1630, Tigers.

Bowling Tourney Honors Are Split

The first annual Atomic Bowling championship ended last Saturday with the Coronado Club winners of the Men's Division, and the Civic Club, Los Alamos, winners of the Women's Division trophy.

Individual honors went to George Duffield, 5230, with a 222 game and 618 series. C. Badsgard was high man for the Civic Club with a 212 and 584. The Coronado Club men's team set the pace with a first game total of 1019 pins, and team total of 2814.

Individual Honors

Individual honors for women to Karen Princell of Los Alamos with a 170 game and 447 series. Louise Masak of Albuquerque was a close second with 158 single and 439 series.

Next year's match will be held at Los Alamos with the traveling trophies again up for competition.

Bowling for the Coronado Club were D. C. Davis, George Duffield, Les Rowe, Roy Maxwell and Guy Nendell for the men, and Julia Sessel, Mamie Burg, Rose Hainlen, Louise Masak and Mary Lou Butler for the women.

Hill Representatives

Los Alamos representatives were H. Winburn, L. L. Jacot, E. Will, C. Badsgard and W. Collins, men's team, with Flo Cummings, Anne Jonas, Marge Feldman, Iva Fredrick and Karen Princell, women's team.

Boston Braves' Move To Milwaukee Calls For Booklet Change

A new booklet recently placed on the racks is the annual publication, "1953 Baseball Schedule."

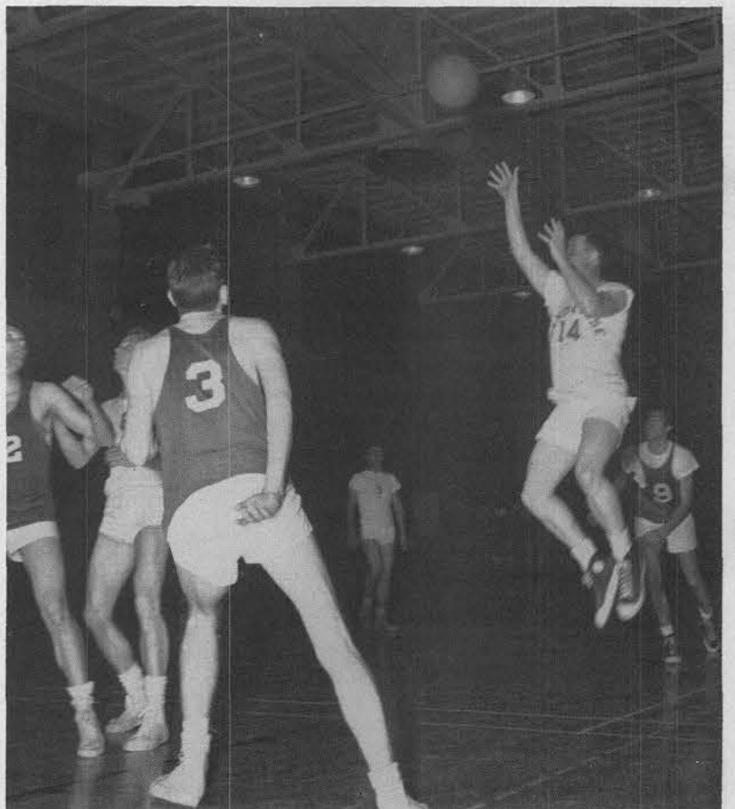
Because booklets must be ordered well in advance of the dates on which they appear, the 1953 baseball schedule was printed before the Braves moved from Boston to Milwaukee.

To correct the National League schedule in these booklets, Pittsburgh should be inserted wherever the name Boston appears, substituting Milwaukee wherever Pittsburgh appears. In the American Association of the minor leagues, a new team, the Toledo Mudhens, has been formed. On the schedule Toledo will take the place of Louisville, while Louisville will play the schedule originally established for the Milwaukee Brewers.

For details on the few additional corrections which would bring the information up to the minute, fans should check with their local newspapers.

Coronado Club Bridge Results

First—Mr. and Mrs. H. J. Price.
Second—Major J. H. Muhl and Major W. P. Wicks.
Third—G. A. Arnot and P. R. Clement.
Fourth—Mr. and Mrs. H. W. Maglidt.



BUCKET-BOUND: Hoosier guard Frank Duggin, No. 14, leaps high as he lets go of another two-pointer in the recent championship tournament game with the league-winning Boilermakers. The Hoosiers went on to win the game 43-28 and thereby became the champs of the 1953 Sandia Employees basketball tourney. Others in the picture are, left to right, John Kelley, Roy Dunlap, Wally Jungmeyer (back to camera), Jim Winters, and Jim Lang.