CANADA'S ATOMIC ENERGY

Wartime Hedging Side-Bet Pays Off

(Editor's note: This is the last of a series of four stories on Canada's atomic energy project and its possible importance in relation to American developments.)

By FRANK CAREY
(Associated Press Science Reporter)

CHALK RIVER, Ontario, Dec. 29. (AP) Canada had the chief stakes in a kind of safety side-bet made in the great wartime gamble which produced the first American atomic bomb.

And it's now paying off in established and potential benefits to industry, agriculture and medicine in certain ways unmatched by any other country.

The side-bet was Canada's atomic project, established in 1943, to investigate the feasibility of producing plutonium—a potential bomb-material—by a process differing from the one chosen by the United States for the same objective.

The idea was, Canadian scientists told me, that if the method chosen by the Americans didn't pan out, the Canadian project might provide a backstop.

The problem involved a choice of material to slow down neutrons in a pile of uranium and thus sustain a chain-reaction resulting in the production of plutonium.

The Americans chose graphite, a form of carbon, because it was much more plentiful and readily available than the principal alternative substance—"heavy water."

Britain, Canada and the United States agreed on concentrating the heavy water research project in Canada.

U. S. FURNISHED WATER

The United States furnished some of its scientists, and also supplied the heavy water—an undisclosed amount, but Canadian scientists told me it was all that was available to the Allies at the time.

But Dr. C. J. MacKenzie, scientific head of Canada's project, implied that America's participation in the project was reduced after the war.

"I think we are probably further advanced than if we had (full) co-operation from the United States because we were thrown on our own," he told me.

He had been discussing what he termed "in essence * * * a one-way flow of traffic" on atomic information from Canada to the United States following passage of the American Atomic Energy Control Act in 1946. It is since that time that the Canadian project has hit its greatest stride.

MacKenzie, referring to the alternatives presented during the war, declared:

"As it turned out, graphite did click, but the heavy water project also has clicked in many different ways, some of them spectacular."

He was referring in part to the fact that in Canada's reactor, radioactive isotopes for use in medicine, agriculture and industrial applications, can be made "hotter and smaller" than in any other reactor. That is, superior "hotness" can be produced in smaller quantities of material.

DOUBTS DISPELLED

Dr. W. Bennett Lewis, director of research at Canada's Chalk River atomic plant, said in another interview:

"A lot of people had doubts about heavy water and everyone will now admit that not enough attention was paid to it."

He did not say whom he meant by those who had "doubts."

Canada's first heavy water reactor—a purely experimental device of low power called the "ZEEP"—didn't go into operation until shortly after the Americans had perfected, and dropped, their first atomic bombs on Japan.

The Dominion's second, and much larger, reactor—called "NRX" for "National Research Council experimental"—didn't start operating until 1947.

But Canadian scientists say that one aspect of the payoff on their wartime side-bet is the finding that plutonium can be produced faster from a given amount of uranium in a heavy water reactor than in a graphite device.

Canada's present "NRX" can produce only "small quantities" of plutonium. And in a larger reactor now under construction the Dominion does not plan large-scale production.

Dr. Lewis told me he feels that the American decision to "take the plunge on graphite" during the war was the correct one.

But he added that, in the light of the Canadian experience with the heavy water type, the United States "might have leaned a little bit too far in the direction of graphite reactors."

He amplified this by saying he believes the United States "could have afforded to concentrate" on large-scale production of heavy water and the development of heavy water reactors "at the end of the war and after the war."

TOPIC SECRET

(What the United States is now doing on heavy water production has not been disclosed. Presumably, extensive efforts are being made along that line, because, in addition to its established use in reactors, heavy water is theoretically important in connection with ingredients for the projected hydrogen bomb.)

Lewis said, without amplification, that everywhere there was "a complete lull (in heavy water production) from 1945 to 1949" and that "no one had a heavy water reactor in their plans between 1945 and 1949" except Canada.

(The United States actually built a small heavy water research reactor that predates Canada's original one.

(And the U. S. Atomic Energy Commission told me that a second one is under construction that will have a higher intensity of atomic rays per unit area than Canada's present "NRX," although it will be less powerful in that line than a new reactor which Canada is building.

(The projected American reactor will be smaller than Canada's present "NRX." It will be designed entirely as a research device—not as a producer of radioactive isotopes for which Canada's device is used to a large degree.

(But the AEC says that the projected reactor "could" be used for isotopes production.)

Divorce Filings Increase in L. B.

Divorces filed in the Long Beach office of the county clerk numbered 3058 this year, compared with 2741 last year, William R. Peck, chief deputy in charge of the Long Beach office, announced.

Probate and civil cases also increased in 1951. Probate cases totaled 1326 this year, compared with 1280 in 1950. Civil cases totaled 843, compared with 802 last year.

The Long Beach office is considered one of the most efficient in the state. The small force is trained to handle all divisions of the office work.

Tram, Oil Truck Collide, Burn

BALTIMORE, Dec. 29. (AP) A loaded streetcar and an oil truck collided at a busy intersection in the rush hour late yesterday. Seconds later flames from the ignited oil were scorching the front of the trolley.

There was no panic as 50 passengers, all shaken up, filed through the opened doors of the car and hurried past the licking flames to safety. Two persons were hospitalized for shock.

The driver and rider in the oil truck escaped serious injury. The 15-year-old helper, Irvin Childs Jr., had to beat the flames from the burning shirt and tie of the driver, Gordon A. Holder.

Firemen extinguished the blaze.

Address of Winner in Contest Corrected

Winning outdoor display in the Eighth District was the entry of Mr. and Mrs. Neil W. Philips Jr., 3942 Olive Ave. The address previously was listed erroneously.

The display depicts Santa Claus crawling out of a large igloo and a reindeer coming out of a smaller one. The contest was sponsored by the Junior Chamber of Commerce.

919 Bond Issues Listed by Exchange

NEW YORK, Dec. 29. (AP) As of Nov. 30 there were 919 bond issues on the New York Stock Exchange with a market value of $97,150,506,472 and a par value of $99,318,079,777, the exchange announced today. These figures compared with 915 issues listed and market and par values, respectively, of $97,511,473,864 and $99,205,636,700 a month ago.

DON'T GIMME THAT KIMCHE!

Koreans' National Dish 'Distinctive'

By HAL BOYLE

NEW YORK. (AP) What is kimche?

Maj. Gen. William F. Dean, in a letter to his wife broadcast this week by the Peiping radio, said that during his 17 months as a captive of the Reds he had become "fond of rice and kimche."

If this be true, the gallant general has shown as much stamina as a prisoner as he showed heroism on the field of battle. But Mrs. Dean, who has accepted the broadcast letter as authentic, hardly knew what was in store for her when she announced she'd learn to cook kimche for her Bill on his return—if that's what he really wants.

For kimche (pronounced "kimchee") is a concoction too rugged for the ordinary stomach of the western world. It is part and parcel of the mysterious east. It is to the Korean what wine is to a Frenchman, spaghetti to an Italian or ham and eggs to an American.

Along with rice it is the staple item in his diet, but only a race as enduring as the Koreans could survive it.

Only a Korean housewife can say for sure what kimche actually is. But so far as it is possible of analysis it seems to be a kind of pickled vegetable hash composed largely of cabbage, peppers and spices inundated in a mighty tide of garlic.

The cabbages are harvested in the fall and stacked for sale in the muddy marketplaces of Korean villages and cities. The housewives buy as much as they can afford and try to pickle enough to last throughout the year.

Fresh kimche will buckle the knees of the ordinary tourist. But kimche that has been pickling for weeks or months—the aging cabbage twining around the peppers, the garlic embracing and saturating both—is a delicacy only the natives can truly appreciate. For some reason unknown to gastronomic science they actually thrive upon it.

It is a matter of known record that a number of American soldiers have tasted kimche once. But in six months in Korea I met none so hardy he could boast of having willingly partaken of it twice.

It isn't the garlic alone, or the cabbage, or the peppers. It is the combination all together and the way time weds them, that gives kimche its true strength.

To a Korean kimche smells wonderful. To the average American it just smells. And anybody who has eaten it smells. It lends an incredible distance to the breath, an aroma that seems to endure for days. Most American soldiers who go out with Korean girls begin their courtship with a flat ultimatum:

"Let's make one thing clear right now. You gotta choose between kimche and me."

Some American doughboys on outpost duty claim that no enemy could sneak up on them in the night if the wind were blowing their way. The redolence of kimche would give away the attack.

My own prediction is that when Gen. Dean comes home he may get one plate of kimche. But if he asks for a second serving, Mrs. Dean will tell him firmly, "Honey, believe it or not, but there isn't another clove of garlic left in America. How about some corned beef and cabbage?"

Navy Cross, Star Awarded Airman

SEATTLE, Dec. 29. (UP) The Navy Cross and Bronze Star medal have been awarded posthumously to the family of Comdr. Richard C. Merrick for gallantry in action in Korea.

Merrick was the son of Mr. and Mrs. Robert E. Merrick, Pasadena.

Rear Adm. Allan E. Smith, commandant of the 13th Naval District, presented the medals to Merrick's widow in ceremonies yesterday.

The Navy flier received the Navy's highest honor for leading an aerial torpedo attack on the gates of the Hwachon Reservoir dam May 1.

Merrick, air group commander aboard the aircraft carrier USS Princeton, lost his life May 18 when his plane was shot down by enemy antiaircraft fire.

Seattle Welcomes Korean Veterans

SEATTLE, Wash., Dec. 29. (UP) A group of 1801 Korean veterans who spent Christmas at sea aboard the Navy transport Marine Adder received an extra-special welcome when the Adder arrived in port here yesterday.

A blizzard of confetti and serpentine swirled about the troops as they disembarked and proceeded up Welcome Lane in downtown Seattle.

The Marine Adder was the 53rd Military Sea Transportation Service vessel to arrive here with rotation troops from the Far East.

Price Control Off Rare Old Whiskies

WASHINGTON, Dec. 29. (UP) The government today removed price controls from rare old pre-prohibition domestic whiskies.

The Office of Price Stabilization said that such whiskies, distilled before prohibition and bottled under bond before the 1933 prohibition repeal, are generally considered to be collectors' items.

The quantity of such whiskies available is very small, OPS said, and they have little or no effect on the cost of living or the defense effort.

Kid-Bits By Mossler

Paul E. Johannes, Banker, Succumbs

Paul Ernest Johannes, 65, of 915 E. Carson St., banker and part owner of the Johannes Finance Co., died Dec. 25 in Columbus, Neb., while on a visit. He was born and reared in Columbus and came to California in 1916, residing in Ocean Park until moving to Long Beach in 1920. He was employed in the Farmers & Merchants Bank from 1920-28 when he established the finance firm which bears his name, and later formed a partnership with his son in the business at 1743 American Ave. He was an active parishioner of First Lutheran Church and has served for several years as director of the Lutheran Home for the Aged at Anaheim. Surviving are the widow, Nellie A.; his son, Paul Edward Johannes, and a daughter, Miss Helen L. Johannes of Long Beach; two sisters, the Misses Louise and Josephine Johannes and Mrs. Minnie Barjenbruck of Columbus, Neb.; and four grandchildren. Funeral services will be on Monday at 10 a. m. in First Lutheran Church, the pastor, Rev. Martin J. Bruer, officiating. Interment will be in Westminster Memorial Park, Mottell's directing the arrangements.

Paul E. Johannes

Former Resident of Long Beach Dies

Mrs. Myrtle E. Woodland formerly of 206 Santa Ana Ave., died Thursday in a Tulsa, Okla., rest home where she had been for several weeks. She was born in Hackett, Okla., and had been a resident of Long Beach since 1934. She was a member of First Baptist Church here.

Surviving are a sister, Mrs. Velma Fulgham of Mansfield, Ark.; three brothers, DeWitt Bratton of Wilmington, Walter Bratton of Hondo, and Luther Bratton of Poteau, Okla. Funeral service and interment will be in Fort Smith, Ark., with arrangements directed by the Putnam Funeral Home.

Anti-Narcotic Drive Widened by Army

FRANKFURT, Germany, Dec. 29. (AP) Undercover Army agents today widened their campaign in West Germany against narcotics smugglers attempting to sell marijuana to American troops.

A Turkish national and two Algerians were held without bail in Frankfurt, pending trial on narcotics peddling.

They were trapped near an Army snack bar by an agent who fired a warning shot in the air when they tried to escape.

Austria Treaty Talk Will Be Resumed

BONN, Germany, Dec. 29. (AP) The western powers intend to make another effort next month to reach an agreement with Soviet Russia on an Austrian state treaty.

Samuel Reber, U. S. representative in the treaty negotiations, said today he has invited the deputies of Russia, Britain and France to meet with him in London Jan. 21 to resume their discussions.

Reber acted in his capacity as chairman this month of the Austrian treaty talks.

Hungary Warns Slavs to Vacate Islands

BUDAPEST, Hungary, Dec. 29. (AP) Hungary, rejecting Yugoslav claims to an island in the Mura River, warned her Balkan neighbor last night to keep off the disputed territory.

The Hungarian note cited official maps signed by Yugoslav representatives in peace treaty talks after World War I to back up Hungary's claim to the island.

Obituaries

JUAREZ (Paramount)—Mrs. Felipa Juarez, 79, of 6450 E. Compton Blvd. died Dec. 26 in a Los Angeles hospital. She was born in Mexico, had resided in California 50 years, and in Paramount three months. She was a member of Our Lady of the Rosary parish, Paramount. Surviving are five sons, Loreto, of Montebello; Inez, Paramount; Dolores, Fresno; Sebastian, Norwalk, and George, Downey. The rosary will be at the family home tomorrow at 8 p. m. Requiem mass will be offered at Our Lady of the Rosary Church at 9 a. m. Monday. Interment will be in Downey Cemetery. Paramount Mortuary is in charge.

SLEE—Private service for Mrs. Anna S. Slee of 1042 St. Louis Ave. were held today in Mottell's Mortuary. Mrs. Slee was born in New York City and died Dec. 28 at her home. She moved to Los Angeles in 1922 and to Long Beach in 1940. She leaves no known survivors.

BAILEY—Gordon L. Bailey, 58, of 1449 Cottonwood Pl., Las Vegas, died yesterday in a Long Beach hospital while on a visit with his son at 4803 McNab Ave., Lakewood Plaza. Funeral service will be on Dec. 30 at 2 p. m. in Neel's Memorial Chapel, Compton. Interment will be at his former home in Michigan. He belonged to Needles Lodge 1608 of Elks. Surviving are the widow, Matie, and sons, Jack Bailey of Las Vegas and Paul Bailey of Lakewood.

MARSH—Frank B. Marsh, 90, of 940 Gladys Ave. died yesterday in a Long Beach hospital. He was born in Binghampton, N. Y., and came to Long Beach in 1919. He was a carpenter and was a member of the United Brethren Church. Surviving are the widow, Mary F.; a daughter, Mrs. Anna Thurley of Elmira, N. Y.; a half brother, Harry J. Cox, Hollywood; 15 grandchildren and 16 great-grandchildren. Funeral services will be on Monday at 2 p. m. in the Coon Funeral Home Chapel, Dr. Floyd B. LaFavre of Burns Memorial Evangelical Brethren Church officiating. Entombment will be in Angeles Abbey Mausoleum, Compton.

BURK—James Thomas Burk, 37, of 1135 Gaviota Ave., leadman with the Federal Termite Control, died Dec. 26 at 4029 E. Anaheim St. He was born in Cook County, Texas, went to Los Angeles in 1942, moving back to Long Beach in 1948. Surviving is his mother, Mrs. Amy Kramm, of Albuquerque, N. M. Funeral services were held today at 3 p. m. in Mottell's Chapel, Rev. R. Merrill Jensen of Immanuel Baptist Church officiating. Interment will be in Sunnyside Memorial Park.

ROBERTS—Edwin Roberts, 67, of 221 Attica Dr. died yesterday at his home. He was born in Liverpool, England; came to the United States when a boy, and was engineer with the New York City Telephone Co. for 35 years before retiring. He came to Long Beach in 1943. He belonged to the New York Telephone Pioneers of America. Surviving are the widow, Clementine; a daughter, Mrs. Alfred Dahlgren of Long Beach; a brother, Fred Roberts, New York City; four sisters, Mrs. Lilly Rickard, Mrs. Robert Stitzel and Mrs. John Drexel, all of New York City, and Mrs. Edgar Stolz, Westport, Conn., and two grandsons, Alfred and Eric Dahlgren. Funeral service will be on Monday at 11 a. m. in Mottell's Chapel, Rev. Frederick Augustus Martyr of All Saints Episcopal Church officiating. Entombment will be in Sunnyside Mausoleum.

FISHBACK—Joseph Cobb Fishback of 721 E. Esther St. died yesterday in a Long Beach hospital. He was born in Arlington, Mass., and lived at White Rock, Utah, before coming to Long Beach in 1912. He was a building contractor. Surviving are the widow, Abigail B.; a daughter, Mrs. Eva Wheeler of Long Beach; three brothers, Frank M. and Edward A. Fishback of Long Beach; McShelby Fishback of Yarnell, Ariz., and four sisters, Mrs. Nannie Fletcher of Alhambra; Mrs. Lillion Thompson of Upland; Mrs. Frace Dougon of Long Beach, and Mrs. Lucille Day of Beaumont. Private services will be held in Mottell's Chapel.

WINNOR—Arnold C. Winnor, 69, of 2666 Maine Ave., died yesterday in a Long Beach hospital. He was born in Altamont, S. D., and lived for a time in Minneapolis, Minn., before moving to Long Beach in 1924. He was a salesman of building supplies to contractors. Surviving are the widow, Louise A.; a son, Carlos A. Winnor of South Gate; a daughter Mrs. Robert G. Burke of Honolulu, T. H.; sisters, Mrs. Hugh Jackson Howard of Burbank; Mrs. William Graves of Minneapolis, Minn.; and two grandsons. Funeral services will be on Monday at 2 p. m. in Mottell's Chapel, Chaplain Wilford R. Hall of Lakewood Village Community Church officiating. Entombment will be in Angeles Abbey Mausoleum, Compton. It is the wish of the family that friends who are so inclined, instead of sending flowers, contribute to the American Heart Association, 812 Pine Ave.

WAGGONER (Corona del Mar)—Funeral services for Charles S. Waggoner, 75, of 618 Marigold St., and former resident of Long Beach, will be tomorrow at 2 p. m. in Mottell's Chapel, Rev. Harry E. Berg of Bellflower Christian Church officiating. Interment will be in Sunnyside Memorial Park, Long Beach, on Monday at 10 a. m. Mr. Waggoner died Friday at his home in Corona del Mar.

Texas Boy Killed by Russian Roulette

DALLAS, Texas, Dec. 29. (AP) Don O. Honea, 18, played Russian roulette and lost, his three teenage companions told police last night.

Officers found him slumped in the back seat of a parked car. He held a .38-caliber pistol in his right hand. He died about an hour later.

One companion told police Honea suggested they play Russian roulette and emptied the pistol, then put one cartridge back in the chamber.

"I heard a thump and the pistol fired," he said. "Don just groaned."

Russian roulette is played with one round of ammunition in the chamber of a pistol. The contestant twirls the chamber and places the pistol to his head, then pulls the trigger.

Alfred Lunt Acts as Stage Director

NEW YORK, Dec. 29. (AP) It was Alfred Lunt, stage director—and not stage star—last night.

The veteran actor was the director for the first English-singing version of the opera "Cosi Fan Tutte" which was premiered at the Metropolitan Opera House.

Lunt took a small part in the performance but did no singing.

As the curtain rose, he appeared clad as an 18th Century servant and went about lighting candles. Then he cleared his throat audibly and gestured to the audience a request to do the same thing before the performance began.

He proceeded off stage and watched the performance from a box.

Auto Workers May Seek Pension Rise

DETROIT, Dec. 29. (AP) The CIO United Auto Workers now may go after escalator clauses for their pensions.

President Walter Reuther advocated the idea at a party of 90 pensioned auto workers last night. He said that the risen cost of living has made the union's $100 to $125 monthly pensions insufficient.

The old-timers from the plants applauded Reuther.

The UAM has cost-of-living escalator clauses in virtually all its wage contracts covering 1,000,000 workers.

Crew Gives $2000 to L. A. Orphanages

LOS ANGELES, Dec. 29. (AP) Crewmen aboard the battle cruiser Los Angeles have presented two checks for $1000 each to Los Angeles orphanages.

Collections were taken up while the cruiser was on duty in Korea, the ship's chaplain said yesterday, and the crew decided that the money should go to children from broken homes.

The money was accepted from the sailors by the Orphans Home Society and the Los Angeles Orphan Asylum.

Birth Notices

HARRIMAN JONES HOSPITAL
BROWN—Mr. and Mrs. James E., 3175 Los Coyotes Blvd., boy, Dec. 28.
DODSON—Mr. and Mrs. Otto B., 5055 Raton Circle, girl, Dec. 21.
HIMELSTEIN—Mr. and Mrs. Manuel, 5431 Flagstone Ave., boy, Dec. 22.
McCAWLEY — Mr. and Mrs. John M., 6046 E. Turnergrove Dr., boy, Dec. 27.
OLSON—Mr. and Mrs. Edward S., 272 Quincy Ave., girl, Dec. 26.
SPILLE—Mr. and Mrs. Henry J., 21 Glendora Ave., boy, Dec. 27.
VANDERPOOL—Mr. and Mrs. Wesley D., 20 W. Neapolitan Lane, boy, Dec. 22.
WELLS—Mr. and Mrs. Robert S., 54 Roycroft Ave., girl, Dec. 26.
WILMORE—Mr. and Mrs. Ray H., Ojai, girl, Dec. 22.
LOS CERRITOS MATERNITY
ANDERSON—Mr. and Mrs. Donald G., 3718 E. Third St., boy, Dec. 21.
ALBERT—Mr. and Mrs. Robert H., 1556 San Anselmo Dr., boy, Dec. 21.
CHISM—Mr. and Mrs. Charles D., Paramount, girl, Dec. 21.
MILLER—Mr. and Mrs. Harold M., Hermosa Beach, boy, Dec. 21.
COLEMAN—Mr. and Mrs. Frank G., 3448 Cerritos Ave., boy, Dec. 22.
HAMILTON—Mr. and Mrs. William T., 1370 Burnett St., girl, Dec. 22.
EGGSTAFF—Mr. and Mrs. Carlton J., Manhattan Beach, boy, Dec. 23.
HUDDLESTON—Mr. and Mrs. Roger F., Wilmington, girl, Dec. 23.
MORGAN—Mr. and Mrs. Donald R., Hermosa Beach, girl, Dec. 23.
LIGGETT—Mr. and Mrs. Ivan E., Sunset Beach, boy, Dec. 24.
NEWKIRK—Mr. and Mrs. Robert L., Torrance, boy, Dec. 24.
DAVIS—Mr. and Mrs. Lynn E., 148 W. 61st St., boy, Dec. 25.
DAVIS—Mr. and Mrs. Gerald R., 1604 Gundry Ave., girl, Dec. 26.
McARTHUR—Mr. and Mrs. Floyd F., Huntington Beach, girl, Dec. 27.
OSES—Mr. and Mrs. Carl, Harbor City, girl, Dec. 27.
ST. MARY'S HOSPITAL
BETTS—Mr. and Mrs. John H., Paramount, girl, Dec. 24.
KRUSE—Mr. and Mrs. Curtis J., 1866 Cedar Ave., girl, Dec. 24.
MURPHY—Mr. and Mrs. John W., 2155 W. Willard St., girl, Dec. 24.
MURRAY—Mr. and Mrs. Thomas D., 3859 Faust Ave., girl, Dec. 24.
KELLY—Mr. and Mrs. Thomas R., 2525 Monogram St., girl, Dec. 24.
COLLINS—Mr. and Mrs. Donald C., 1724½ Lemon Ave., girl, Dec. 25.
SALCIDO—Mr. and Mrs. Raymond, Wilmington, boy, Dec. 25.
MOE—Mr. and Mrs. Roy Jr., 171 Ellis St., girl, Dec. 26.
WEBB—Mr. and Mrs. James D., 240 Linden Ave., girl, Dec. 26.
KERSHNER—Mr. and Mrs. Aubra, Wilmington, boy, Dec. 26.
NEUMAN—Mr. and Mrs. Leslie F., 5009 Hershalt Ave., boy, Dec. 26.
ST. JOHN—Mr. and Mrs. Lawrence E., 671 Prospect Ave., girl, Dec. 27.
McDONNELL—Mr. and Mrs. Robert E., 106 Glendora Ave., boy, Dec. 27.
HAYES—Mr. and Mrs. Roy T., 4408 Falcon Ave., girl, Dec. 27.
KRINSKY—Mr. and Mrs. Jack, 753 Euclid Ave., girl, Dec. 27.
MILLVILLE—Mr. and Mrs. Thayne M., 2838 LaVera Dr., girl, Dec. 27.
STOCKTON—Mr. and Mrs. Vincent R., Wilmington, girl, Dec. 27.
PETERSON—Mr. and Mrs. John E., 924 Termino Ave., boy, Dec. 27.
HUBER—Mr. and Mrs. Wallace, 6115 E. Peabody St., boy, Dec. 27.
WALKER—Mr. and Mrs. Vere C., 5146 Brockwood St., boy, Dec. 27.
ELY—Mr. and Mrs. Robert R., Westminster, boy, Dec. 27.
WILKES—Mr. and Mrs. John R., Paramount, boy, Dec. 27.
WHITE—Mr. and Mrs. Charles R., 63 Neptune Pl., boy, Dec. 27.
NOONAN—Mr. and Mrs. Daniel T., Gardena, boy, Dec. 27.
BROWN—Mr. and Mrs. Howard F., 430 Freeland St., girl, Dec. 27.

RUDOLPH MISSING

Red-Nosed Deer, Mate Leave Haunt

LOUISVILLE, Ky., Dec. 29. (AP) Rudolph, the red-nosed reindeer, is missing.

The 250-pound stuffed deer flew off into space or else was stolen from the roof of a department store here.

William Silverman, owner of the firm, said Rudolph and his mate, each with a red light in its nose, have been placed atop the building every Christmas season for several years.

It was the first time Rudolph ever deserted his perch.

LITTLE LIZ

The best job of face-lifting is done by sudden prosperity.

RADIO and TELEVISION PROGRAM LISTINGS

KLAC	KFI	KMPC	KECA	KHJ	KFWB	KNX	KFOX	KFAC	KGER	KVOE
570	640	710	790	930	980	1070	1280	1330	1390	1480

The following programs are compiled from reports provided by the broadcasters. No responsibility assumed for last-minute changes which sometimes are made.

DIAL LITES — TONIGHT

INFORMATIVE
6:30-KECA—Science Editor
8:00-KFWB—Community Hour
DRAMA
8:00-KECA—Lone Ranger
9:30-KNX—Broadway's My Beat
VARIETY
6:30-KFI—Grand Ole Opry
7:00-KNX—Robert Q. Lewis
8:30-KHJ—Lombardoland
9:00-KFI—Bob and Ray
9:30-KECA—Layman's Hour
SPORTS
6:30-KMPC—Joe Hernandez
11:45-KNX—Orange Bowl Preview

SATURDAY, DECEMBER 29, 1951

5 P. M.
KLAC-News, Sports.
KHJ-Air Force Hr.
KFI-From Dixie
KMPC-Music
KECA-Quick the Answer
KNX-Gaston Fisher
KFAC-Serenade
KGER-Peter Slack
KFOX-Mission
KVOE-Juke Box

5:15 P. M.
KLAC-Stars of Week
KGER-Weather Report (5:25)
KFOX-Melody Time
KNX-Tom Harmon

5:30 P. M.
KFWB-Red Rowe Rancho
KLAC-News
KFI-News
KECA-Ira Blue, Sport
KHJ-U. S. Marine Band
KNX-World Today
KGER-Benedictions
KFAC-Memories
KFOX-News

5:45 P. M.
KLAC-Sam Balter
KECA-Bob Garred
KNX-Frank Goss
KFOX-Walker's Music
KFI-Bob Considine
KFWB-Red Rowe

6 P. M.
KLAC-News, Jarvis
KMPC-News
KFI-Judy Canova
KECA-Music
KHJ-Hawaii Calls
KNX-Hopalong Cassidy
KFWB-News
KGER-Back to Bible
KFOX-News
KFAC-Concert

6:15 P. M.
KMPC-Bob Kelley
KFOX-Hawaiian Music, Women in News
KFWB-Sports

6:30 P. M.
KFI-Grand Ole Opry
KMPC-Joe Hernandez
KHJ-Bands for Bonds
KECA-Science Editor
KGER-Valley Church
KFOX-Memory Room
KNX-Johnny Dollar
KFWB-From Dixie

6:45 P. M.
KECA-Reserve

7 P. M.
KLAC-News, Cleto Roberts
KFOX-Proudly We Hail
KMPC-Medal of Honor
KFI-Talent Search, Country Style
KHJ-Army Band
KGER-Baltimore Gospel
KNX-R. Q. Lewis
KECA-City of Hope
KFAC-Evensong
KVOE-Choir of Week

7:10 P. M.
KLAC-Crosby & Co.

7:15 P. M.
KFI-News
KMPC-St. Francis Hr.

7:30 P. M.
KHJ-Bandstand USA
KMPC-Our America
KFI-Al Goodman's Musical Album
KNX-Meet Millie
KECA-Chance of Lifetime
KFWB-Lundy Roark
KFAC-Church
KFOX-Meet the Band
KVOE-Hawaii Calls

7:45 P. M.
KFOX-News
KFWB-Rosary Hour

8 P. M.
KLAC-News, Crosby & Co.
KHJ-KVOE-Dude Ranch
KFI-Frost Warning; NBC Symphony
KNX-Vaughn Monroe
KECA-Lone Ranger
KFWB-Community Hour
KFOX-Concert
KMPC-American Legion
KGER-Bible Treasury
KFAC-Concert

8:15 P. M.
KMPC-Dr. Muir
KGER-Hebrew Christian

8:30 P. M.
KECA—USSR
KMPC-Rhythms
KFOX-Music
KGER-Music Hall
KHJ-KVOE-Lombardoland
KNX-Gene Autry

9 P. M.
KFI-Bob & Ray
KMPC-Rhythm
KLAC-News, Music
KHJ-KVOE-Glenn Hardy, News
KECA-Navy Hour
KGER-Miniature Concert
KFWB-On the Beat
KFOX-Ray Robinson Show
KNX-Gangbusters

9:15 P. M.
KHJ-Orchestra
KGER-Clark Sparks
KVOE-Orchestra

9:30 P. M.
KFI-Orchestra
KMPC-Dance Time
KFWB-Live a Little
KECA-Layman's Hour
KGER-John Brown
KNX-Broadway My Beat
KVOE-Frost Warning

10 P. M.
KMPC-Dance Time
KHJ-Monica Whalen
KFI-News
KECA-News
KFWB-G. Norman
KGER-Rev. Cordell Priest
KFOX-Rhythm
KNX-10 O'Clock Wire
KVOE-Mike Day
KFAC-Crossroads
KLAC-News, Music

10:15 P. M.
KECA-Dance Party
KHJ-Orchestra
KGER-Music
KLAC-News, McLaughlin
KFI-Raymond Darby
KNX-Bill Kennedy

10:30 P. M.
KFI-Roundup Time
KHJ-Art Van Orchestra
KNX-Harmon and Norman
KNX-This I Believe (10:55)
KFOX-Music Modern
KVOE-Frost Warning

11 P. M.
KGER-Spirituals
KNX-News, Sports
KMPC-Dance Time
KFOX-Studio
KHJ-News
KFI-Town Hall Party
KECA-Orchestra
KFWB-Movie Time
KVOE-Mike Day

11:15 P. M.
KHJ-Crowell's Nest
KNX-Dance Band
KFWB-Gene Norman
KLAC-Music (11:20)

11:30 P. M.
KECA-Ron Perry
KNX-Treas. Band
KFAC-Crossroads
KFOX-Santa Clara Punsters
KGER-Nite at Ranchhouse

11:45 P. M.
KNX-Orange Bowl Preview
KGER-Hits of Week

12 MIDNIGHT
KFI-Music Menu
KMPC-Dance Music
KLAC-News, Jamboree
KFWB-Larry Finley
KFOX-Platter Party
KFAC-Music (to 6)
KECA-News
KNX-News, Hawthorne

TELEVISION

KNXT Channel 2
KNBH Channel 4
KTLA Channel 5
KECA Channel 7
KHJ Channel 9
KTTV Channel 11
KLAC Channel 13

TELE-TIPS — TONIGHT

INFORMATIVE
6:00-KHJ (9)—TV University
6:30-KTTV (11)—In Our Times
9:00-KNBH (4)—San Francisco Cable Cars
VARIETY
5:00-KNBH (4)—All-Star Revue
7:30-KLAC (13)—Hometown Jamboree
8:00-KNXT (2)—Ken Murray Show
8:30-KTLA (5)—Spade Cooley Show
9:00-KECA (7)—Song Time
DRAMA
7:00-KTTV (11)—Red Ryder
9:00-KNXT (2)—Faye Emerson
9:30-KECA (7)—Film, "Daniel Boone"
10:00-KTTV (11)—Cosmopolitan Theater, "Mr. Whittle and the Morning Star"

SATURDAY, DECEMBER 29, 1951

4:45 P. M.
KLAC (13)-Your Own Home

5 P. M.
KNXT (2)-Smilin' Ed's Gang
KTLA (5) Man's Best Friend
KECA (7)-Paul Whiteman Teen Club
KNBH (4)-All-Star Revue

5:15 P. M.
KLAC (13)-Hitching Post: "Back to Oklahoma"

5:30 P. M.
KNXT (2)-Ghost Rider: "Trail Riders"
KTLA (5)-Cowboy Thrills
KECA (7)-Adventure Time
KTTV (11)-Range Riders

5:40 P. M.
KECA (7)-Comedy Time (Buster Keaton)

6 P. M.
KNBH (4)-Show of Shows Sid Caesar, Imogene Coca
KECA (7)-Space Patrol
KHJ (9)-TV University

6:30 P. M.
KNXT (2)-Whistling Wizard
KTLA (5)-Fantastik Studio
KECA (7)-Gene Autry Show
KTTV (11)-In Our Times
KLAC (13)-Film: "Winner Take All"

6:45 P. M.
KHJ (9)-Film

7 P. M.
KNXT (2)-Sammy Kaye
KTLA (5)-Tim McCoy
KECA (7)-Dell O'Dell
KHJ (9)-Theater: "Texas Kid"
KTTV (11)-Red Ryder: "Colorado Pioneers"

7:30 P. M.
KNXT (2)-Beat the Clock
KNBH (4)-Hit Parade
KECA (7)-"It Always Rains on Sunday"
KLAC (13)-Hometown Jamboree

8 P. M.
KNXT (2)-Ken Murray Show
KNBH (4)-One Man's Family
KHJ (9)-Joyful Hour
KTTV (11)-"Hitchhike Lady"

8:30 P. M.
KNBH (4)-Sportsman's Club
KTLA (5)-Spade Cooley
KLAC (13)-Film: "Double-crossed Fool"

8:45 P. M.
KNBH (4)-Travelog, This Land of Ours

9 P. M.
KNXT (2)-Faye Emerson's Wonderful Town
KNBH (4)-S. F. Cable Cars
KTTV (11)-Vets TV Center
KECA (7)-Song Time
KHJ (9)-News

9:15 P. M.
KNBH (4)-Wrestling
KHJ (9)-"Gangsters of Sea"

9:30 P. M.
KTLA (5)-Film: "Repeat Performances"
KNXT (2)-"Show Goes On"
KLAC (13)-Al Jarvis
KECA (7)-"Daniel Boone"
KTTV (11)-Hands of Destiny

10 P. M.
KNXT (2)-Hawthorne
KTTV (11)-Cosmo Theater: "Mr. Whittle and Morning Star"

10:30 P. M.
KLAC (13)-Owl Movie
KNXT (2)-"Monster Walks"

10:45 P. M.
KTLA (5)-Film: "Phantom of 42nd St."
KECA (7)-Martin Eden

11:00 P. M.
KTTV (11)-Eloise Salutes Stars

11:15 P. M.
KTTV (11)-Film: "Black Widow"

12:00 MIDNIGHT
KTLA (5)-Final Edition

Today's Crossword Puzzle

Feathered Creature

HORIZONTAL
1 Depicted bird
9 Lilted
13 Musical composition
14 Egg-shaped
15 Make lace
16 Heaps
18 Japanese outcast
19 Thoron (symbol)
20 Vends again
22 Psyche part
23 Hideous monster
25 Possess
27 Encounter
28 Fruit drinks
29 Toward
30 Written form of Mister
31 Measure of area
32 Branch office (ab.)
33 Remain
35 Falsehoods
38 Inactive
39 Volcano in Sicily
40 "Sunshine State" (ab.)
41 Ten-year periods
47 Not (prefix)
48 Gratuity
50 Speeder
51 Mineral rock
52 Ireland
54 Superintends
56 Nevada city
57 Calmest

VERTICAL
1 Lowest part
2 Fruit
3 Nocturnal mammal
4 On time (ab.)
5 Horse's gait
6 Flower
7 Egyptian river
8 Cuckoo
9 Thus
10 Hail!
11 Inborn
12 Forest openings
17 Without piece (ab.)
20 Replied sharply
21 Slaughter house
24 Sell in small quantity
26 Deft
33 It spends the —— in South America
34 Regard
36 Hardens
37 Soundest mentally
42 Comparative suffix
43 Headp