

MUELLER

Record

DECEMBER • 1953



- Cast iron lid screws onto large, steel upper section. Pentagon access plug screws into a bronze bushing which is fitted into lid. Assures easy removal of plug in all kinds of weather. 2" diameter upper section offers easy accommodation for large, heavy-duty shut-off rods.

- Steel upper section telescopes into bottom section. Prevents damage to curb box as well as curb stop when subjected to vehicle traffic. Can be furnished in varying lengths from 2' to 5'.

MUELLER

Improved Curb Box

- Arch-type base extends well below curb stop and rests on foot pieces or rigid foundation.

- The H-10316 Curb Box, used with curb stops ½" through 1", and the H-10336 Curb Box, used with curb stops 1¼" through 2", have optional foot pieces which offer close fitting support for curb stops and centers them in the curb box.

Contact your Mueller representative or write direct for detailed information.



MUELLER CO.

Dependable Since 1857

MAIN OFFICE & FACTORY DECATUR, ILLINOIS





THIS MONTH'S COVER

Early one Sunday morning during March, 1952, Walter Bowan, Mueller Co. engineer, awoke to find that Decatur, Illinois, had been surprised with a deep one-day snowstorm. Bowan immediately fell victim to his hobby—he's an excellent photographer—and headed for Nelson Park long before the sun had made its appearance. A short time after 7 a.m. Bowan took this beautiful shot near the Rock Garden which overlooks Lake Decatur. His title for this scene . . . Snow Trail.

MUELLER RECORD

December, 1953

WALTER H. DYER, Editor

MUELLER CO.

MANUFACTURERS OF WATER AND GAS
DISTRIBUTION AND SERVICE PRODUCTS
FACTORIES

DECATUR, ILL. LOS ANGELES, CALIF.
SARNIA, ONT. CHATTANOOGA, TENN.

SALES OFFICES
NEW YORK CITY SAN FRANCISCO

TRADE MARK

MUELLER
Reg. U. S. Pat. Off.

Member Industrial Editors Association of Chicago
and International Council of Industrial Editors

Printed in the U.S.A.



Recording Our Thoughts

One method employed by many newspapers seeking to determine the popularity of a feature has been to omit it for an issue. Imagine the reaction of a crossword puzzle fan who waits 24 hours for the answer only to find it does not appear. He promptly calls the editor and gives him some rather harsh instructions. The editor smiles, for he knows his puzzle is desired by readers, and he realizes his newspaper has won the affection of the community.

The Mueller Record recently learned that an absence of ten months from the publication field has not dampened the acceptance of its readers. Many kind letters have arrived congratulating the company on again publishing the Record. A few came rather unexpectedly, however. These few were from persons who wanted to know the answer to a puzzle that appeared in the December, 1952 issue.

One such letter came from the office staff of the Harry Cooper Supply Company of Springfield, Missouri. It read, in part: ". . . We are still awaiting an answer to one of the puzzles published in the December 1952 issue. No mention was made in your October 1953 issue."

The puzzle concerned five sailors shipwrecked on an island. Their only food was coconuts. After gathering coconuts all day, they retired with the intention of dividing the coconuts the next morning. During the night, each sailor arose, divided the pile into five piles, had one coconut left over, and threw it into the ocean. They rescrambled the pile, after first hiding one of the piles.

The next morning found each sailor thinking that only he had committed the dishonest act. They divided the remain-

(Continued on page 23)



This 24-inch Mueller gate valve was one of many Mueller Co. products installed by the California Water & Telephone Co. during its expansion program.

WATER: *Its Abundance Is Nature's Gift To The Monterey Peninsula*

Deep in a wilderness of mountains, valleys and forests, the Carmel River drains one of the most productive watersheds in the state of California. Though not a mighty stream, the Carmel, thanks to a unique gift from Nature, provides the Monterey Peninsula with a very special blessing—abundant water.

This watershed lies within the Los Padres Forest in the Santa Lucia Mountains, a sparsely settled, unspoiled area extending over an expanse of 126 square miles. Rainfall in the region varies from 10 to 40 inches a season with an average annual precipitation of $20\frac{3}{4}$ inches for the past 25 years.

The run-off which flows down the slopes of the hills into the river and its branches varies with the rainfall and ranges from 10,000 to 200,000 acre feet a year. Monterey Peninsula water is one

of the first mountain water supplies in California to be brought under control for the benefit of the people.

The beginning of the system which gathers, stores and delivers water for the communities of the Peninsula is Los Padres Dam and Reservoir. Los Padres Dam was built in 1949 at a point on the Carmel River six miles upstream from San Clemente Dam when it became apparent that the water supply stored in the San Clemente Reservoir would have to be augmented to provide for future water needs of the growing population on the Monterey Peninsula. The new structure was named "Los Padres" after Los Padres National Forest. Its cost exceeded \$1,500,000.

Los Padres Dam, which plugs a gap in the Cachagua hills, is a rock and earth-filled structure, a virtual man-

made mountain as high as a thirteen-story building with a base as thick as the length of a football field and an over-all measurement of 680 feet. All the earth and rock used in its construction was obtained in the area, dug out of the surrounding hills.

A wide spillway, built to handle four times the known flood records of the river, provides for the wasting of excess water when the lake is high. The normal outflow of the water accumulated behind Los Padres Dam during the rainy season is controlled by a system of pipes and valves, returning to the river bed under regulation where it continues its travels downstream. A fish ladder, built below the dam, provides a way of transferring the steelhead from the river to the reservoir.

The lake created by Los Padres Dam extends some two miles into the wooded back country and has a storage capacity of a billion gallons.

The next stop of the waters of the Carmel River is San Clemente Dam, six miles downstream. Built in 1920, the dam is located at the confluence of the San Clemente and Carmel rivers.

San Clemente is a concrete arch dam with a 300-foot crest, 106 feet above the bed stream. Its impounding capacity is three-quarters of a billion gallons. San Clemente also is equipped with a fish ladder for the convenience of the steelhead which wish to reach the upper waters. The reservoir created by the

dam lies among beautiful, heavily wooded hills.

A 300-inch transmission main, constructed in 1947 to replace the smaller pipe which had become inadequate, carries the water from the reservoir to the filter plant a mile downstream. The water receives its first chlorination treatment as it leaves San Clemente. The raw water is passed through twelve pressure filter units in operation at the plant with a capacity of 8,500,000 gallons a day. After leaving the filters, water is again chlorinated as a precautionary step, and fed into the system. The cost of this filter plant was more than \$100,000.

Since 1935 the Monterey Peninsula water system has been owned and operated by the California Water & Telephone Company, a private corporation whose securities are in the hands of Americans in all walks of life. More than forty Monterey County residents are stockholders of the company.

The system serves the communities of Monterey, East Monterey, Del Monte, Pacific Grove, Carmel Pebble Beach and various localities in the Carmel Valley. An average of seventy-five men and women, living on the Peninsula, are employed throughout the year to maintain the system.

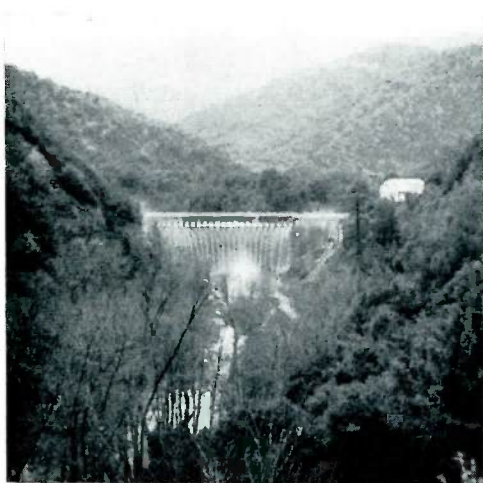
Chester Loveland is president of the company. Other officers are Peter Nenzel, vice-president and general manager; Harry Reinhardt, vice-president and chief engineer; C. M. Goldsworth, Monterey Division manager; V. F. McElroy,



A corner of the shop where meters are tested and kept in repair. There are more than 15,000 meters serving the Monterey Peninsula.



This is an inside view of the filter plant showing a few of the big filter units and a portion of the network of pipes, valves and gauges.



Beautiful San Clemente Dam located in the Carmel Valley was built in 1920 to supplement water needs for the Monterey Peninsula. The dam was named after the San Clemente River.

Monterey Division engineer; and Lawrence Lyon, Monterey Division superintendent.

The growth of the population of the Monterey Peninsula has been substantial during the past twenty-three years and is reflected, of course, in the number of water-service installations. In 1930, active services numbered 7,082. At the end of 1950 there were 14,940 services in operation, more than double the number in 1930. The continued growth is shown by the fact that on May 31, 1953, there were 16,695 services in operation.

Although the Monterey Peninsula is the largest area served by the company, the firm also owns and operates water systems in San Gabriel Valley, the Sweetwater District and the Coronado District. The latter three are all in Southern California. Largest of the three is the Sweetwater District with 14,335 active services in operation as of last May 31. The San Gabriel Valley had 11,463 services at that time, and the Coronado District had 6,547 services in operation.

While the number of services more than doubled since 1930, the plant investment increased nearly four times—from \$1,800,000 in 1930 to \$7,000,000 in 1950. As the population grew, it became necessary for the California Water & Telephone Company to go farther afield to acquire additional water sup-

plies, making it essential to build new storage facilities in remote areas, and construct larger pipelines for greater distances.

We are happy to report that Mueller Co. played a part in supplying the California Water & Telephone Company at Monterey with water works goods during their expansion program. They use our material almost exclusively in their properties.

As the company grew, ensuring the safety of the Monterey Peninsula water supply remained uppermost in the minds of officials of the California Water & Telephone Company. Two fully-equipped laboratories are maintained for testing purposes; one at the Carmel River filter plant and the other at the company's South Basin treatment plant at Palm City in San Diego County.

Although the system operates under a license issued by the State Board of Health, and although water is examined weekly by inspectors of the County Health Board, company chemists and bacteriologists make hundreds of laboratory analyses of Monterey Peninsula water each year as a matter of routine, and special tests when conditions change or new problems arise.

To maintain a constant flow of water throughout the year, a part of the supply provided by Nature during the rainy months must be kept from wasting to the sea. The storage operation is divided into three stages. First is the impounding of the water by the two dams, Los Padres and San Clemente. The second stage is to store sufficient water within the service area to care for water needs of the week.

This requirement is fulfilled by two service-area reservoirs, Forest Lake with a capacity of 140,000,000 gallons, and Pacific Grove Reservoir with a capacity of 20,000,000 gallons. The third stage, handling the needs of specific locations, is managed by the use of elevated storage tanks dispersed throughout the service area. There are twenty-five of these local storage units ranging in capacity from 20,000 gallons to 200,000 gallons each. Twenty-five pumping plants are used to boost the water from the low places to the higher levels and keep it flowing through some 300 miles of pipeline required to serve the system.

MUELLER CO. OFFICERS

When a company's business extends over two nations, it is not possible for its officers and directors to become personally acquainted with each customer and friend of the firm, but each of them does wish to acknowledge the courtesies and to show appreciation for the friendship of those whom they serve.

The Mueller Record is pleased to take this opportunity to introduce the company's officers to its customers and friends through the pages of this magazine. They join us in saying to you in all sincerity . . .

Best wishes for a prosperous New Year.



OUR BOARD OF DIRECTORS

MUELLER CO.

W. H. Hipsher
Addie E. Mueller
Frank H. Mueller
Pauline V. Mueller
Richard E. Pritchard
Charlotte Mueller Schluter
Lenore Mueller Schmick
Albert G. Webber, Jr.
Leo Wiant

MUELLER LIMITED

W. H. Hipsher
J. Milne
Ebert B. Mueller
R. M. Nicolson
George W. Parker
R. J. Skippon
Albert G. Webber, Jr.
Leo Wiant



ALBERT G. WEBBER, Jr.
President and Treasurer



LEO WIANT
Administrative Vice-President

W. H. HIPSHER
Executive Vice-President





ROBERT H. MORRIS
General Sales Vice-President

FRANK H. MUELLER
Engineering Vice-President



O. E. WALKER
Works Manager Vice-President



L. J. EVANS

Vice-President in Charge of Eastern Sales



J. L. LOGSDON

*Vice-President and General Manager of the
Los Angeles Plant*



C. C. ROARICK

*Vice-President in Charge of Decatur
Factories*



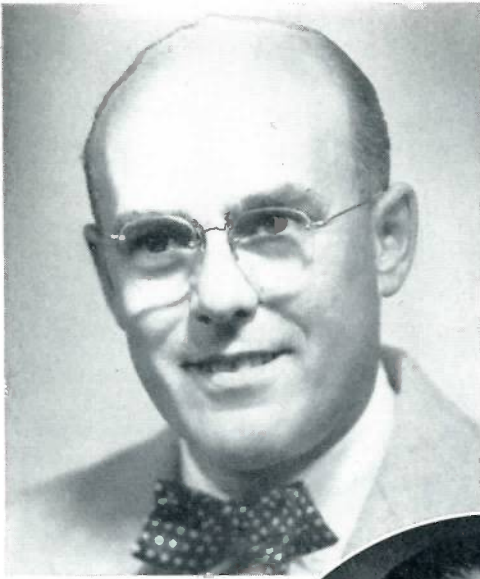
C. H. MARTIN

Secretary

L. R. HUFF

General Controller and Assistant Treasurer





R. M. NICOLSON
*Vice-President and
Sales Manager*



R. J. SKIPPON
*Vice-President
and Factory
Manager*

MUELLER, LTD.
SARNIA,
ONTARIO



**GEORGE W.
PARKER**
*President and
Treasurer*

J. MILNE
Secretary

C. S. BROWETT
*Plant Controller and
Assistant Secretary*



R. E. Pritchard Elected Member Of Mueller Board

Richard E. Pritchard, senior vice-president of Harris Trust & Savings Bank of Chicago, was elected to the Board of Directors of the Mueller Co. at an annual meeting of the Board on December 8.

The Chicago banker fills the vacancy resulting from the October death of Lucien W. Mueller, Chairman of the Board. All other members of the Mueller Co. Board were re-elected.

Albert G. Webber, Jr., was re-elected president and treasurer of Mueller Co. for the eighth consecutive year. Mr. Webber also was named Chairman of the Board of Directors to fill a position made vacant by the death of Mr. Mueller.

Other officers are:

W. H. Hipsher, executive vice-president; Leo Wiant, administrative vice-president; Frank H. Mueller, engineering vice-president; Robert H. Morris, general sales vice-president; O. E. Walker, works manager vice-president; Clarence C. Roarick, vice-president in charge of Decatur factories; L. J. Evans, vice-president in charge of Eastern sales; J. L. Logsdon, vice-president and general manager of the Los Angeles plant; C. Harry Martin, secretary; and Lyle R. Huff, general controller and assistant treasurer.

In announcing the election of the Chicago banker, Mr. Webber said:

"Mr. Pritchard is the first director of Mueller Co. who is neither a member of the Mueller family nor an executive active in the business. This represents a departure from previous policies, but it has been under consideration for several years.

"We are fortunate to obtain a man of Mr. Pritchard's experience and high standing in business and financial circles."

Mr. Pritchard began his banking career with the First National Bank of



—Photo by Jean Raeburn, New York

RICHARD E. PRITCHARD

Chicago, and has been with the Harris Trust & Savings Bank since 1920. He has been a vice-president since 1939 and was elected to the Board in 1949.

He is a director of the Kellogg Co., Battle Creek, Mich.; honorary trustee of the W. K. Kellogg Foundation; treasurer of Ravinia Festival Association, and treasurer of the Chicago Better Business Bureau.

■ ■ ■

Mueller Ltd. Officers, Directors Re-elected

At a meeting December 9, all officers and directors of Mueller Ltd., Canadian subsidiary of the Mueller Co., were re-elected. Mueller Ltd. is in Sarnia, Ontario, Canada.

These men were re-elected to the Board of Directors: W. H. Hipsher, A. G. Webber, Jr., and Leo Wiant, all of Decatur, and George W. Parker, R. M. Nicolson, R. J. Skippon, Ebert B. Mueller, and John Milne, all of Sarnia.

Mr. Parker was re-elected president and treasurer. Other officers are Mr. Nicolson, vice-president and sales manager; Mr. Skippon, vice-president and factory manager; Mr. Milne, secretary; and C. S. Browett, plant controller and assistant secretary.

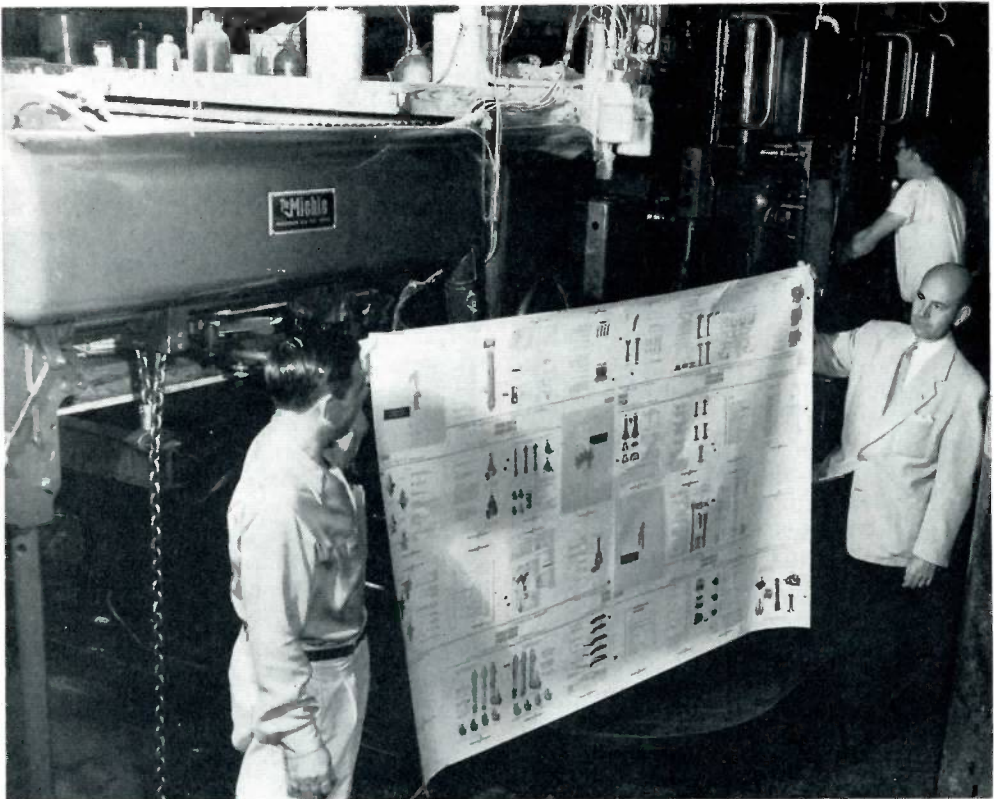


Jim Clay, plant superintendent, and Ed Clauder, bindery foreman, check the fold of 32 pages of the Mueller catalog as it comes off the folding machine behind them. The folding machine creases 32 pages at one time.

New W-96 Catalog Is Off The Press

**Initial Distribution
Throughout Nation
Is Almost Completed**

Hugh L. Baker, right, Mueller Co. catalog engineer, and the press foreman inspect one of the Mueller catalog sheets just off the 52" x 76" two-color press. The giant press prints 32 pages in two colors at one time. Size of the sheet which contains 32 pages of the Mueller catalog is 52 x 76 inches.



Have you received your new Mueller Water Works Catalog W-96?

The new catalog is now off the press and its initial distribution has almost been completed. Orders are arriving daily from persons in need of additional copies.

If you were not among the first to receive a copy, please drop us a note. Mail your request to Department A-36, Mueller Co., Decatur, Illinois.

This catalog replaces all other Mueller water works catalogs and other general literature on water works published in the past. It consists of 328 pages and lists the complete line of Mueller water works distribution products and useful engineering information.

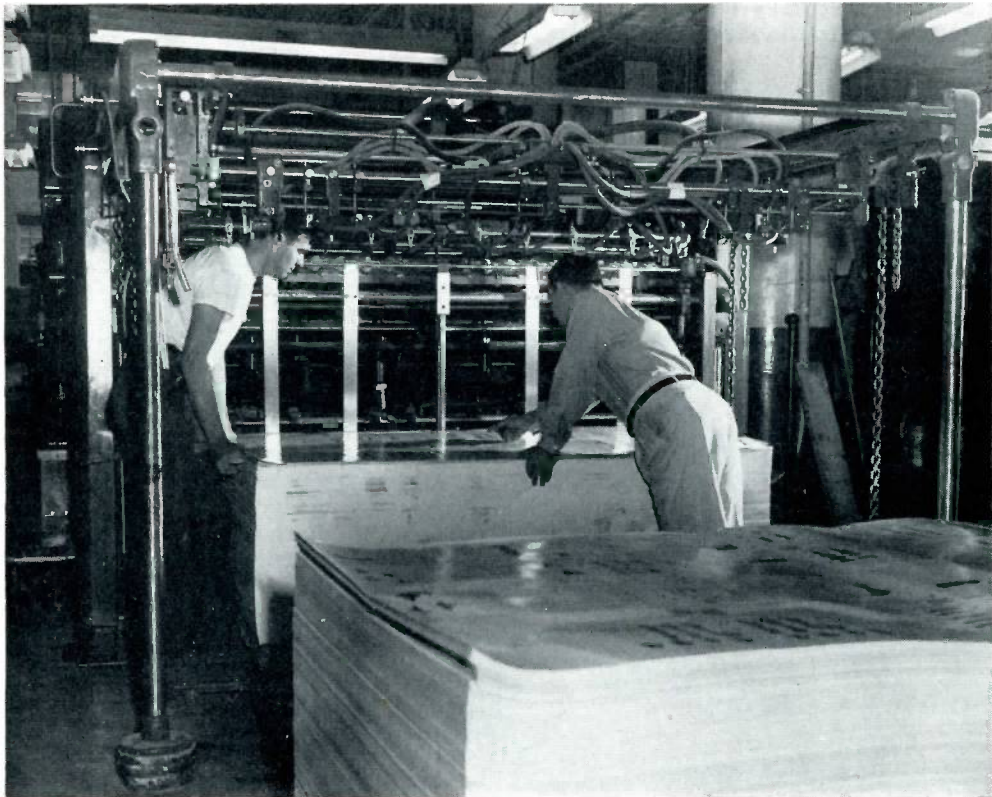
The catalog is mailed in an individual carton.

Now that the majority of Mueller Record readers have received their copy of the new catalog, it is believed that they will be interested in learning something as to how this book was published.



A printing company craftsman in the edition bindery operates the Crowley rounding machine which rounds the back of the book so that it will fit into the back (the part that looks out at you from a book case) of the cover.

This is the giant two-color offset press where the Mueller catalog was printed. Wayne Wright, the printing firm's offset foreman, is supervising the loading of the press with a fresh skid of paper. The stack in foreground is a load of printed sheets just off the press.





The Mueller Co. Catalog Department is shown at work in the company's main office at Decatur, Illinois. Hugh L. Baker, catalog engineer, watches Herman E. Jackson plan a rough layout. Jim Cussins looks over some finished work at his drawing board.

Preliminary work was begun about January 5, 1953, when our Catalog Committee began a series of meetings to select items which were to appear in the catalog, to decide upon the general arrangement by sections, and to choose specific items that were to appear within these sections.

Hugh L. Baker, seated right, Mueller Co. catalog engineer, checks copy and page proofs of the Mueller catalog with two advertising agency representatives. Assisting him are Richard Dill, standing, and John Flink.



Members of the Catalog Committee are: Robert H. Morris, general sales vice-president; Frank H. Mueller, engineering vice-president; R. K. Levey, general sales assistant vice-president, and Hugh L. Baker, catalog engineer.

The committee met two to three nights weekly for two months during which time they chose items that would be used in the catalog. They studied the sales history of all products during the past seven or eight years. Items were chosen on the basis of their popularity or those with genuine interest to warrant use in the catalog. Some items also were chosen because they contributed to rounding out a particular line.

Not in the catalog are some water works products considered special items or those with a very local need. There are a great many such products manufactured by Mueller Co. that do not appear in the catalog because it was felt that they would not be of general interest to a majority of our customers and friends.

Once preliminary work was completed, the actual mechanical operation began. This included the writing of copy, making rough layouts, taking photographs, having photographs retouched and mak-

ing line drawings. It is interesting to note that the mechanical operation began about April 15, 1953. The catalog was off the press and the initial mailing made early in November. This is considered excellent production time in that the preparation of such a catalog requires many hours of planning, writing, art work and the making of final layouts, all of which preceded the actual printing.

Rough layouts, proof reading and the checking of original copy was done by Herman Jackson, former editor of the Mueller Record now assigned to the Catalog Department, and Jim Cussins who has been with the Catalog Department since he first joined Mueller Co. three years ago.

Final layouts were made by the advertising firm which handles the Mueller Co. account. The agency also arranged for the making of most of the photographs.

Hugh L. Baker, catalog engineer, divided his time between the firm that printed the catalog, and his Decatur office. He supervised work on the catalog at both places and coordinated the work of the advertising agency, the printing firm and the home office.

The printing company printed the



At left, seated, is Roy Bogue, coordinator at the printing firm, and Hugh L. Baker, Mueller Co. catalog engineer, checking layouts of the catalog that are ready for the camera. Words and pictures of the catalog were photographed and plates made for offset printing. That's Gene Ely, press salesman who calls on Mueller Co., looking on as ideas about the final layout are exchanged.

catalog in three colors in offset. Three presses were used to complete the mammoth task. One press printed eight pages

Art Director Werner Henze, second from left, checks the make-up of catalog pages with members of the printing company and the advertising agency. Standing next to Henze is John Flink, advertising man. Seated is one of the artists. At the front is Dewey Short, of the printing company, seated, and Richard Dill, advertising agency representative.





Girls in the bindery inspect each copy of the Mueller catalog to be sure that the finished book is correct in every detail before it is sent to the customer.



Craftsmen are placing stacks of Mueller catalogs in the hydraulic book press. Pressure is applied and the catalogs are left to "set" overnight. This sets the glue.

at one time, one 32 pages, and a third printed 64 pages during one press run. Most of the catalog was printed on the 64-page press, enabling the printer to complete the assignment as soon as possible.

Briefly, the printing process involved the following steps. First, the type was set by linotype operators. After initial corrections were made, reproduction proofs were pulled. Reproduction proofs made for offset printing are very excel-

The Mueller Co. Catalog Committee holds one of a series of meetings in which they chose items that appear in the Mueller Water Works Catalog W-96. They are, left to right around the desk, Frank H. Mueller, engineering vice president; Robert H. Morris, general sales vice president; Hugh L. Baker, catalog engineer; and R. K. Levey, general sales assistant vice president.



lent, and are not to be confused with the usual type proof made to check copy for corrections.

Proofs of the corrected type were pasted into position on a clean piece of cardboard the exact size of a catalog page. A blank proof was pasted in each spot where illustrations were to appear. Following this, the page was photographed. Then the photograph was retouched.

This retouched photograph was again photographed giving us a final negative of the entire page with the exception of the illustrations planned for each particular page. Negatives of illustrations and negatives of the full page were pasted together in a process called "stripping in". The illustration negatives were pasted into the spot provided by the blank proof placed on the reproduction proof of the type.

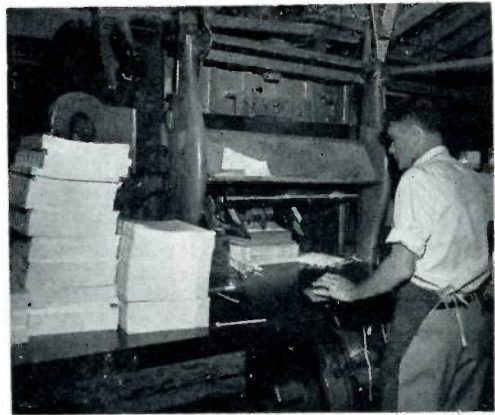
After the halftone negative was stripped in, the two negatives took on the appearance of one and a plate was made from this final negative. The catalog was printed from these plates.

After the catalog was printed, it was folded, then trimmed, gathered and bound.

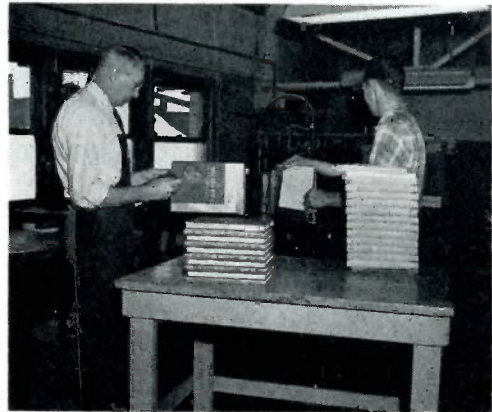
Four and one-half carloads of paper were used to publish this catalog. The presses required 640 pounds of printer's ink. Approximately 1,000 illustrations appear in the book. A total of 850 bundles of chipboard went into the covers. There were over 10,000 yards of linen finish cloth used to make the covers of the catalog.

The attention of our readers is called to Section 18. This is the first time that some of the engineering information appearing there has ever been published in any form. All material was collected and edited especially for this catalog, and while some of it had been available previously, it never has been made readily accessible in one book before.

Generally speaking, the new Mueller Water Works Catalog W-96 has been mailed to water superintendents, Mueller jobbers, consulting engineers and other users of Mueller Co. products throughout the United States.



The three knife trimmer where three sides of the Mueller catalog pages were trimmed at one swipe of the giant blades.



Craftsmen supervise the work of adding the case, or the stiff covers, to the Mueller catalog with the casing in machine.



Girls in the sewing machine row in the bindery are sewing the various signatures of the Mueller catalog together to form a complete book. (A signature is a folded printed press sheet.)

104 Years With Mueller Co.



FLOYD V. JOHNSON



ROBERT T. WHITEHEAD



GEORGE WHITE

Three Sales Representatives Retire . . .

Three Mueller Co. sales representatives with a combined total of approximately 104 years service with the firm, retired from their positions effective December 1, 1953.

They are George White, Robert T. Whitehead and Floyd V. Johnson. Of the 104 years spent with the firm, these men actually have a combined total of 95 years sales experience in the company's Sales Division.

Mr. White has been with Mueller Co. for almost 34 years. Mr. Whitehead joined the company nearly 36 years ago, and Mr. Johnson has been a member of the firm for a little more than 36 years.

Mr. White was first employed September 30, 1919, as a clerk in our Decatur factory. He was assigned to the Sales Division on July 16, 1921, and has been a sales representative since that time. Most of his selling career has been spent in the Illinois area. His headquarters has been in Decatur.

During his years with Mueller Co., Mr. Whitehead has been assigned three sales

territories. He was first employed in our Shipping Department on April 10, 1918. He entered the Navy the same year, but returned to become a sales representative on September 11, 1920, in the Rocky Mountain territory. He later covered the Minnesota-North Dakota-South Dakota territory, and from there went to the Missouri-Iowa-Kansas area. In recent years he has covered all of Missouri and northeastern Kansas with headquarters in St. Louis.

Mr. Johnson first joined Mueller Co. on September 11, 1911, working in the Decatur office. He became a sales representative in 1918 covering the Kentucky-Tennessee territory. He has served that territory since that time except for a period during World War II when he was assigned to our Chattanooga plant in an executive position. His headquarters has been in Nashville, Tennessee.

These men made many friends for themselves and for our company. Their excellent record is noted both in length of service and in sales results. We are certain our customers join us in extend-

ing best wishes for their continued good health and happiness.

■ ■ ■

The retirements of Floyd V. Johnson, George White and Robert T. Whitehead brought about changes in a number of our sales representatives' territories. Among those were replacements for the men who retired.

Ray D. DeWeese, who has been traveling in our Kentucky territory during the past two years has been appointed sales representative in the Tennessee area replacing Mr. Johnson.

Mr. White's Illinois territory has been assumed by G. A. Smith who has been transferred from the West Coast where he was a special representative for our Los Angeles factory.

Robert B. Herrin who, during the past year, has been traveling in Missouri under the guidance of Mr. Whitehead has been appointed sales representative in the area formerly covered by Mr. Whitehead.

Mr. DeWeese, whose headquarters has been in Lexington, Ky., will make his headquarters in Nashville, Tenn. A Marine Corps veteran, he attended King College and the University of Tennessee.

Mr. Herrin already is acquainted with

many customers in his area and is anxious to continue the excellent record of service established by Mr. Whitehead. His headquarters is in St. Louis.

Mr. Smith has established his headquarters at Clinton, Illinois. He has a rich background of sales experience with Mueller Co.

■ ■ ■

Recording . . .

(Continued from page 3)

ing cocoanuts into five piles. This time no cocoanuts remained.

The question is: How many cocoanuts did they have in the beginning, and how many did they have the following morning?

The answer is that there were 3,121 cocoanuts in the beginning, and 1,020 left to divide the following morning. We assume this is worked by algebra. We haven't worked it. Credit for this puzzle goes to George Coldeway, managing superintendent of the City, Water, Light, and Power Department, Jacksonville, Illinois.

■ ■ ■

Most of us aren't familiar with the H-bomb. In fact, we don't know it from atom.

... And They Gain New Territories



G. A. SMITH



ROBERT B. HERRIN



RAY D. DeWEESE

GAMBLE, UHL JOIN STAFF; SPONSLER, COPE IN NEW AREAS



ROBERT J. COPE



FRANCIS X. UHL



RICHARD C. SPONSLER

Territorial changes announced by our Sales Division, effective December 1, included the appointment of Richard C. Sponsler as sales representative in the area formerly traveled by A. Del Parks. Mr. Parks, who for the past several years has served as sales representative in parts of Maryland, Delaware, Virginia, West Virginia and Pennsylvania, has been named to the newly created position of Southeast sales manager.

Mr. Sponsler had been traveling our Western Pennsylvania territory until his recent appointment. His new headquarters will be in Baltimore. Mr. Parks' new headquarters is Atlanta, Georgia.

Francis X. Uhl has been appointed sales representative in the Western Pennsylvania territory replacing Mr. Sponsler. During the past year, he has been associated with Mueller Co. and has traveled throughout the United States demonstrating our products. Mr. Uhl is making his headquarters in Pittsburgh.

Robert J. Cope has been appointed sales representative in Kentucky suc-

(Continued on page 25)



ROBERT H. GAMBLE

Allen D. MacLean Joins Mueller Co.



Allen D. MacLean, widely known engineer, has been named chief products engineer for the Mueller Co. He is a former director of production for the United States Maritime Commission.

Allen D. MacLean, a well-known engineer and author of many trade journal articles and hand books, has been named chief products engineer for the Mueller Co.

Mr. MacLean, who served as director of production for the United States

(Continued from page 24)

ceeding Ray E. DeWeese who has been transferred to Tennessee. During the past year, Mr. Cope has been traveling in West Virginia, and parts of Maryland and Virginia. He will continue to cover his former territory in addition to the new Kentucky assignment.

A new territorial sales representative also was appointed December 1. He is Robert H. Gamble, and he will represent Mueller Co. in that part of Eastern Michigan formerly covered by W. R. Augustine. Mr. Augustine has been named Central sales manager with headquarters in Plymouth, Michigan.

Maritime Commission during World War II and again for one year during the Korean War, is a graduate of Harvard University with a Bachelor of Science degree. He is a veteran of Army Air Force service during World War I and was discharged as a second lieutenant.

His career began as a chief draftsman for a Cambridge, Massachusetts, valve company but in June, 1919, he joined the New Departure Manufacturing Company, a division of General Motors Corporation, as an engineer. MacLean advanced to assistant chief engineer and in 1923 was promoted to sales engineer with a midwest territory.

In 1926 he joined the Pittsburg Equitable Meter Company, now known as Rockwell Manufacturing Company, as chief engineer. The company made him vice-president and chief engineer in 1940.

He was appointed assistant director of production for the United States Maritime Commission in 1942 and in 1944 he was named director of production. His division was responsible for the scheduling and production rates of the Maritime Commission war time ship-building program.

Mr. MacLean returned to the Pittsburg Equitable Meter Company in 1945 as vice-president but resigned in December, 1945, to become general manager of the Quimby Pump Division of the H. K. Porter Company in Newark, New Jersey.

Until his recent appointment with the Mueller Co., he was chief engineer of the Chaplin-Fulton Manufacturing Company, Pittsburgh, Pennsylvania, with which company he retains a consulting position. Mr. MacLean was on leave of absence from Chaplin-Fulton during the year 1951 when he was recalled as director of production for the reorganized Maritime Commission.

■ ■ ■

One reason so many children are seen on the streets at night is that they're afraid to stay home alone.

—Charles Knouse.

Off the .. Record ..

A church deacon, well past 80, usually fell asleep during the sermon. Trying to solve this annoyance, the Pastor chose a Sunday when the old fellow was sound asleep, and then addressed the congregation rather softly:

"Everyone here who wants to go to Heaven, please stand."

Everyone—save the old deacon—came to their feet.

Then the pastor shouted in revival style: "Everyone here who expects to go below, STAND UP!"

The old deacon jumped to his feet, looked around in a confused manner, and then said: "I don't know what we are voting for, Pastor, but it looks like you and I are in the minority."

* * *

"You shouldn't drink hot coffee on a day like this," a friend cautioned an elderly judge. "You should drink something cool and stimulating. Have you ever tried gin and ginger ale?"

"No," snapped the judge. "But I've tried a number of people who have."



"I understand you have no objection to the grave-yard shift."



"Quick! Pretend you're the scrub-woman ... Here comes my wife!"

A tourist court operator had many political customers. So many that he set aside one of his better cabins for them exclusively. He named it the "Bunk-house."

* * *

Man of the Hour: Guy whose girl friend told him to wait a minute.

* * *

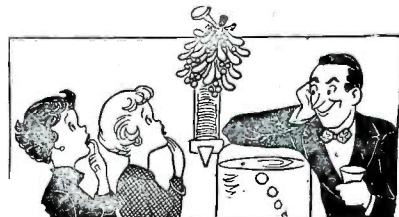
Nephew: "Can you help me select a gift for a wealthy, old aunt who is very weak and can hardly walk?"

Clerk: "How about some floor wax?"

A Tennessee mountain man came down to Memphis for his first big city visit. When he returned home, he was asked how he liked the big city. "Never did see much of the town," he replied. "There was so much goin' on around the depot."

The advantage of a classical education is that it helps you despise the wealth it prevents you from earning.

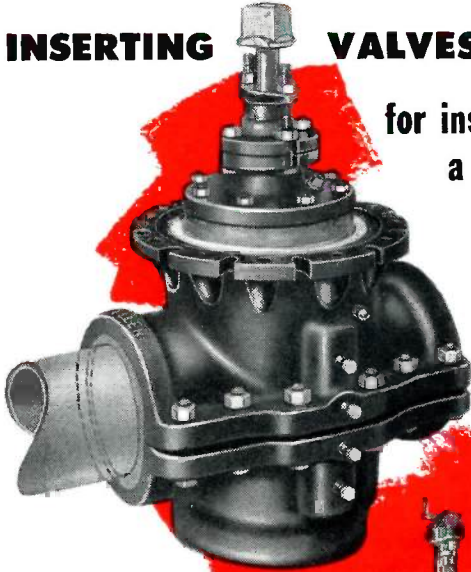
They've started a ladies' night down to the bowling alley. Heard Miz Tolliver remark to her sister as they left, "Well, at least we didn't lose any balls."



MUELLER®

INSERTING VALVES AND EQUIPMENT

for inserting control valves where
a shutdown is impractical



H-800 INSERTING VALVE

New smaller valve sleeve permits fast, easy installation in minimum space. Valve mechanism is the same as standard Mueller gate valve (repair parts interchangeable). Sizes 4", 6", and 8" (sizes of valves correspond to size of main).

H-810 BASIC INSERTING EQUIPMENT

An assembly of pressure confining units plus a slide valve. Permits the drilling of the main and inserting of the valve plug, easily and safely, with no water loss.



DRILLING MACHINE

The C-C hand-operated or C-1 power-operated machine may be used for both drilling the main and inserting the valve plug. The C-1 machine may be operated either by the H-660 Air Motor or the new H-602 Gasoline Engine Drive Unit.

Write for Catalog H-20 and H-602. Complete illustrated instruction manuals and parts list shipped with equipment.

MUELLER CO.

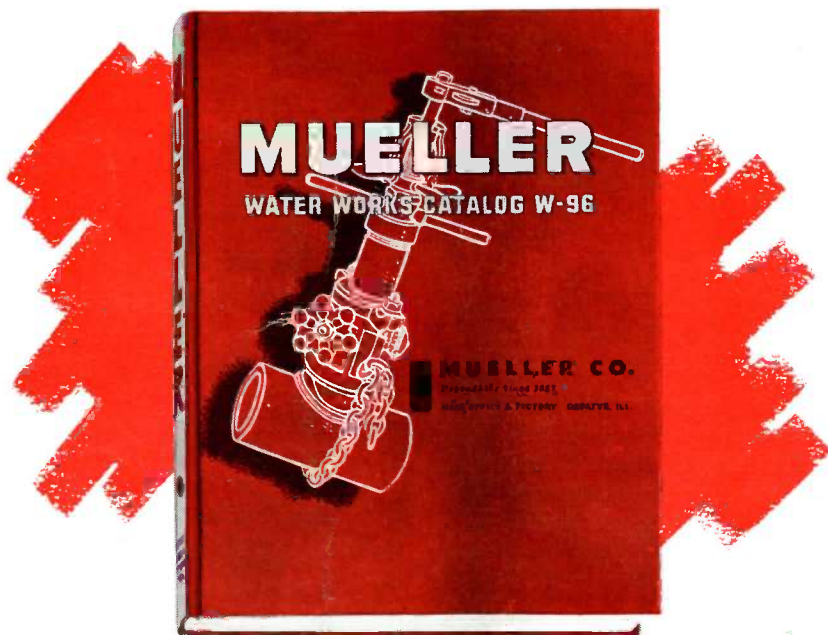
Dependable Since 1857

MAIN OFFICE & FACTORY DECATUR, ILLINOIS

MUELLER

*Have you received your
New W-96 Water Works
Catalog?*

The new Mueller Water Works Catalog is now off the press and its distribution has almost been completed. If you have not received your copy, please drop us a note — Dept. A-36, Mueller Co., Decatur, Illinois.



Catalog W-96 . . . 328 pages . . . the complete line of Mueller Water Works Distribution Products and useful engineering information.

MUELLER CO.

Dependable Since 1857

MAIN OFFICE & FACTORY DECATUR, ILLINOIS