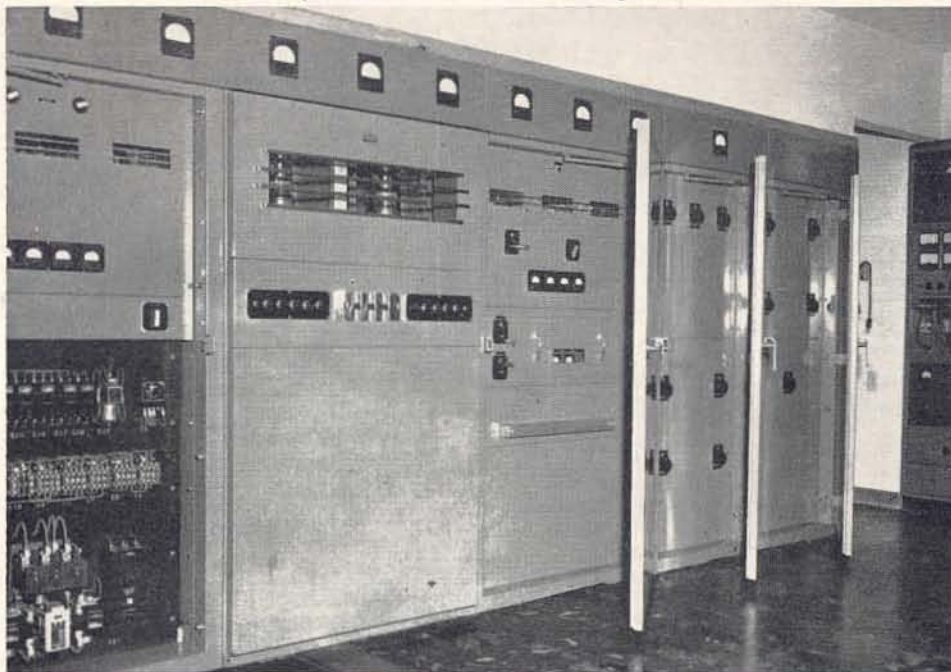




GATES STUDIO REVIEW

GATES RADIO COMPANY, QUINCY, ILLINOIS, AUGUST, 1952

WENE Uses Gates Equipment to Cover Binghamton, N. Y., Market



The latest Gates BC-5B Transmitter provides plenty of punch in the new 5000 watt signal at Station WENE.

WENE, Endicott, New York, established in 1947 as a 250 watt station is now operating 5000 watts day and night. This fine station, an ABC affiliate, is operated by Empire Newspaper, Inc. It serves the rich triple area of Endicott, Binghamton and Johnson City, New York.

S. W. Ryder is General Manager of

station WENE, F. H. Binkley is Director of Ottaway radio stations and James H. Ottaway is President.

Station WENE is another Gates packaged installation of the larger variety. Everything but the land was supplied by Gates—all ready for the consultant to prove the directional pattern.



The associated five-tower phasor gives a real wallop to spread the signal over the southern tier section of New York State.



Shell Weyland, WENE Chief Engineer, readies a power amplifier tube for final installation in his Gates BC-5B Transmitter. This well illustrates the walk-in construction where any part of the new Gates 'Five' can be reached in seconds.

500 Attend Gates Annual Family Picnic

(Complete Picnic Pictures on pages 4 and 5)

On Thursday afternoon, July 24, 1952, 500 Gates employees, husbands and wives, children, and guests, assembled at South Park for the big annual family picnic.

The first thing on the program was a fine chicken dinner with all the trimmings served by the ladies of the Paloma Methodist Church. As soon as the last platter of giblets was passed and the last ice cream bar consumed, the evening's activities got under way.

The crowd split into several different groups to participate in the ball game, children's games, horseshoe pitching, bingo, or just sitting around to have another free bottle of soda or ice cream bar.

The ball game was under the direction of Harry Bostick and Gene Hildebrandt. Rather than try to limit the game to a select crowd of star players, everyone who wanted to play was in the game. Sometimes each team had as many as 8 or 10 outfielders, which made it plenty tough to get a hit.—Of course a few brought their 22's and rifled a few hits through the mob.—

The bingo game attracted a large crowd and the fine prizes picked by the committee drew a lot of oohs and ahs! The bingo committee was made up of Howard Young, Cecilia Fisk, Anna Young, Elizabeth Beck, Art VandenBoom and Frank Bruening. Howard Young handled the calling and had considerable explaining to do when Mrs. Young won the grand prize on the last game—in fact—he is still trying to explain it.

The children's games were well handled by Dorothy Pittman, Grace Daniel, Edna Mason, and Georgia Thompson. In addition to the cash prizes for various competitive games, the children also received free tickets for rides located in the park.

Because the park horseshoe courts were well occupied by others, we didn't have much chance to try out the arms of our pitchers. However, Bob Bonness had the shoes and before the evening was over a few games were included.

(Continued on Page 7)



EDITORIAL

—from the desk of
P. S. Gates.

Fair Prices and Price Ceilings

In these days of prices creeping higher and conflicting government releases about prices still going higher, it seems well to look over prices in the broadcast equipment field and see how they stack up with the nation as a whole. Though we cannot speak for our good competitors as far as their future policies are concerned, simply because we do not or have no occasion to know them, it is also obvious so far that their pricing policies have, as far as combatting inflation, been proportionately the same as that of Gates.

For example, in late 1945 the price of a Gates transmitter was more than today by a sizeable amount. A 250 watt broadcast transmitter was \$2,750.00 for a model of less quality than we sell today for \$2,600.00. In other words, today's model would be worth around \$3,200.00 compared with 1945 pricing procedures. A 1000 watt modern Gates air conditioned transmitter of very deluxe proportions today sells for \$5,950.00 while again in 1945 and up to 1948, a smaller, less deluxe model, sold for \$6,500.00. A 5 kilowatt Gates job in 1945 sold for \$21,000.00 while the latest up to date Gates 5 sells for \$18,250.00.

In other instances one might point to a few price increases over the years but actually this is not the case. For example, the popular Gates Console of 1945 sold for \$1,095.00 while the present model that meets similar specifications sells for \$1,295.00. However, the difference is in the material supplied and not the price. The earlier model had less than half the circuit combinations, less mixing channels, smaller amplifiers, a wood cabinet instead of the present cast aluminum tilt-back cabinet and many, many other omissions that have all been picked up on current models which if incorporated in the 1945 model would have made the selling price much higher than that on the current equipment.—The same is true on about every item in the Gates line.—

Looking at competition, it is only fair to say that they, too, have done an excellent job of giving broadcasters more for their dollar instead of less. While the telephone call price went up from a nickel to a dime in most places, or 100%, the cost of broadcasting equipment was coming down. Why? Many reasons of course. Engineering advances developed a better way to do things for less. Improved tube designs play an important part. Once, very expensive, highly shielded transformers (or big bruisers as used in a transmitter) have dropped in price in some instances because of better know-how in production. Competition plays a big part. Aggressive companies in the broadcasting equipment business are always trying to build better equipment and meet competitive prices. Nearly every broadcaster knows that Gates has followed a realistic pricing policy. This has often brought all prices to a logical level.

Gates is not always the lowest price in the field. Today transmitters can be bought for less than from Gates. But Gates feels that for the money no better equipment can be bought and that building it to sell for less is running a danger of encroachment on the low quality field. One thing is certain, no matter who you buy it from, there is no inflation in the selling price of broadcasting equipment.

Get Acquainted With Your New Co-Workers

In the past several weeks, many new people have been added in the various departments. We wish it were possible to picture everyone, but at any rate we can give you the names and their departments.

Pat Taylor, Accounting.
Rose Ballow, Radio Assembly.
Katherine Dorsey, Radio Assembly.
Jack Sheffler, Machine Shop.
Otis Tyler, Sheet Metal.
Art Miller, Sheet Metal.
Earl Ryther, Stock Room.
Virgil Krull, Drafting.
Derotha Pusey, Radio Assembly.
Margaret Marksbury, Radio Assem.
George Ellsworth, Sheet Metal.
Jim Moss, Sheet Metal.
Pat Hymers, Accounting.
Charlie Schubert, Houston Office.
Maxine Holthaus, Personnel.
Lou Pryor, Radio Assembly.
Dick Wellman, Radio Assembly.
Ed Nicholson, Radio Assembly.
Tom Lovett, Sheet Metal.
Marjorie Stone, Radio Assembly.
Marie Carter, Radio Assembly.
Bob Stahlhuth, Production Control.
Jim Griffith, Paint.
Henry Crede, Shipping.
Al Keisker, Maintenance.
Peter Buban, Radio Assembly.
Harry Milbert, Machine Shop.
Olive Boss, Machine Shop.
Jim Dalling, Stock Room.
Bob Blanchard, Sales.
Nancy Lanza, Sales.
Fred Baldwin, Radio Assembly.
Mel Arns, Stock Room.
George Oliver, Engineering.
Earl Penn, Machine Shop.
Howard Campen, Radio Assembly.
Bonnie Lefever, Production Control.
Larry Poor, Radio Assembly.
Sue Boudreau, Purchasing.
Floyd Berryman, Sheet Metal.

Foremen Taking Training Course

At the regular Foremen's meeting each Wednesday afternoon, all Foremen are spending their time studying the National Foremen's Institute course "Management Technique for Foremen". This has to do with all phases of their work, including the subjects of Training, Safety, Working Conditions, etc. This course is being conducted by Mr. Todd and Mr. Veach.

In addition to the class sessions, a couple of trips have been taken to visit the Moorman and Gardner-Denver plants. The idea of the trips was to observe their training, safety, housekeeping, and working conditions with the thought of getting new ideas to improve our plant. More of these trips are planned for the future.

George Oliver Joins TV Engineering Staff



On July 7, Mr. George Oliver joined our TV Engineering staff. George comes to us well qualified after having just completed a technical course at Valparaiso Technical Institute, Valparaiso, Indiana.

George is not a newcomer to Quincy because prior to entering school he had spent considerable time in local electrical and radio stores.

Mrs. Oliver has joined George in Quincy. In addition to her duties in the home, she is also a Registered Nurse.

THEN and NOW



You may have a little trouble in recognizing the same fellow in the pictures above but according to George Thompson of our Testing Laboratory it is definitely the same guy. George did not explain just how long ago he started to lose this long wavy hair so we don't know whether to blame it on to his hard work here at Gates—or perhaps Mrs. Thompson helped pull some of it out.

George has a rather interesting background and we thought all of you might like to hear a little about it. He was born and reared in Oklahoma and George's father was a half-breed interpreter for the Choctaw Indian Tribe. In fact his father was included in the group of Indians that were given numbers by the government and later allotted land. His number was 1268.

George's father died when George was only four years of age, and nine

KPAT Pampa, Texas, Uses Gates Equipment



With the expressed idea that KPAT Pampa, Texas, would be the finest 250 watt radio station in the south when completed, the above photograph indicates that indeed, the result was one of the finest radio stations in the entire United States. Added to this, it hit the air on the 30th birthday of the General Manager, Mr. J. C. Daniels. Mr. Daniels made it a real "Air Date" celebration by inviting all the folks in the KPAT area to open house, and provided the famous Skinny Ennis and his orchestra along with Dorothy Malone and other celebrities for entertainment. Mr. Daniels makes doing big things in the Lone Star State live right up to its reputation. He is a Lincoln-Mercury dealer, operates the

newspaper, and will soon have a TV station.

Gates is, of course, pleased that their equipment was selected as a must for a model radio station and, needless to say, we feel the choice was a good one. Note the combined operation which includes complete Gates GY-48 radio transmitting plant in front of which is a Gates SA-40 console on a CB-60 desk with duplicate CB-14 transcription turntables and tape recorder desk opposite.

Though we have not asked, we feel sure those now planning a new 250 watt, or larger plant, would do well to contact the management of station KPAT who have built what we believe is one of the finest radio stations in the nation.

years later his mother passed away. Because of this George attended the Goodland Indian Orphanage in Goodland, Oklahoma. Later he attended the Haskell Indian Institute in Lawrence, Kansas. There he took a course equivalent to our modern high school courses and also a commercial course. In addition to that he had two years of vocational training in electricity. Later George attended the RCA Resident Institute in Chicago.

He actually joined the Gates family in 1946 in the Engineering Department but had looked us over pretty well in 1944 and 1945 as a Signal Corps Inspector. He is now in charge of our Testing Laboratory.

His family is made up of Mrs. Thompson and two daughters, Georgia and Roberta.

Ruby Manlove's Son In Air Force

Ruby Manlove of the east Sub-assembly Department tells us that her son, Ralph, finished his basic training in the U. S. Air Force at Lackland Air Base, San Antonio, Texas on August 23.

From Lackland Air Base, he was sent to Mississippi for additional training in Radio Work. Ralph graduated from Quincy High School this past June. He took part in athletics and also received special honors in mechanical drawing.

SYMPATHY

We extend our sincere sympathy to Mr. John Barton on the death of his wife.



- 1—Don't look so serious, Ray, there is plenty of food left.
- 2—Chow Time—Tom Banks and Dick Eickmeyer waiting patiently.
- 3—Ball Game—complete with balloons and spectators. Hey, Maxine and Bonnie—turn around.

- 4—Another Chow Line. Somebody pass the ice tea to Charlie Vice and Geo. Hanawalt.
- 5—Batter-up. Jim Havermale cuts loose with a fast one.
- 6—Under B—Number 14—Anna and Cecilia must be looking for someone.

- 7—Hey Bill—look out photographer Fisher in
- 8—Look out litt cream bar away
- 9—Steady, Larry, doing, Karl?

15



that big cigar—photo-
s wife and baby in shot.
F will take that ice
you.
ll. Where are you go-

- 10—Nice pose, Pat—Art, you turned around just at the right time.
- 11—Watch the birdie, Mrs. Hoyt. Marge Clem and Mrs. Patterson did all right too.
- 12—Catcher Dick Walz reaches for a fast one. What a stretch!

- 13—Look out—was it a home run?
- 14—Yes, Emily, you got in another one. You had a nice smile too, Harry.
- 15—Must have been a tough game. Hold your cards folks, there might be a mistake.

**Bob Blanchard Takes Over
As Sales Engineer in
Rocky Mountain Territory**



On June 25, Robert R. Blanchard of Denver, Colorado took over the sales activities of Gates equipment in the Rocky Mountain area which includes Colorado, Utah, Wyoming, Western Kansas and New Mexico.

Bob completed a two-week training period in the office and plant and took to the road about the middle of July. He took engineering courses at both Denver University and Colorado University and prior to joining the Gates organization was a Contracting Engineer in the electronics field. He has quite an extensive background in radio broadcasting having been associated with KLZ in Denver, the Landon Broadcasting Company, and also another station in Longmont, Colorado.

Bob's family is made up of Mrs. Blanchard (Ann) and two daughters, Barbara 8 and Patricia 4.

Bob was born in Illinois but has lived in Colorado since he was 4 years of age so he claims to be a native of the Rocky Mountain area.

Lots of good luck to you Bob!

**More New Additions
To the "Gates Family"**

Our heartiest congratulations go to all of our newest arrivals and their proud parents:

Linda Mae Bangert, daughter of Mr. and Mrs. Bob Bangert.

Dean Robin Walton, son of Mr. and Mrs. Omer Walton, Jr.

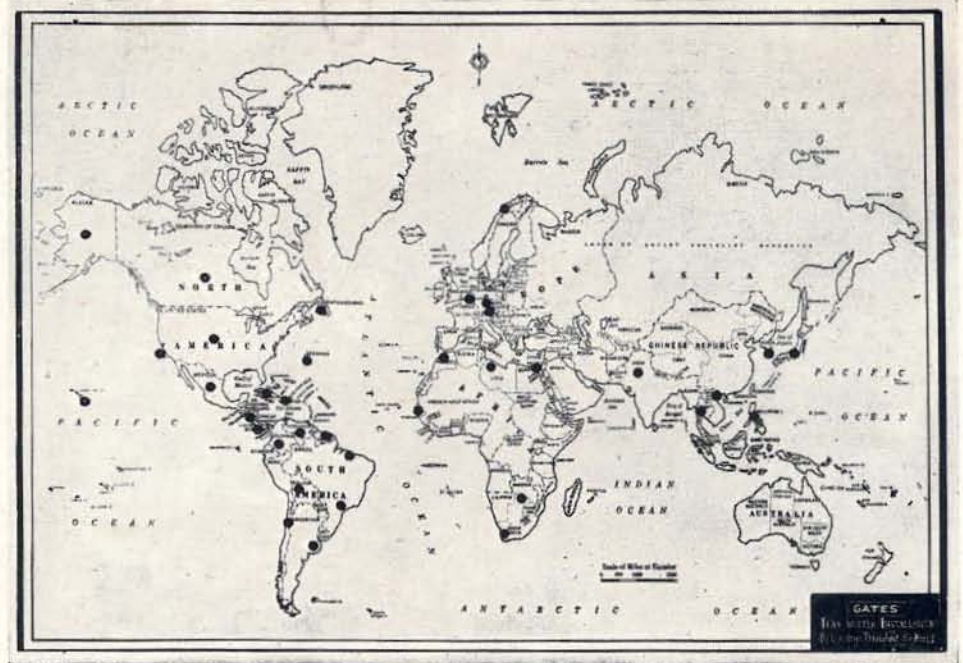
Joseph Hugh Saugier, son of Mr. and Mrs. Joe Saugier, Jr.

Sharon Marie Jochem, daughter of Mr. and Mrs. Ray Jochem.

Roger Thomas Weed, son of Mr. and Mrs. Bill Weed, Jr.

Jeffery Lewis Walz, son of Mr. and Mrs. Dick Walz.

Gates Installations Practically Cover the World



Gates installations throughout the world are more and more predominant as high powered transmitters for international voice and telegraph communications are shipped almost daily from the Gates plant at Quincy. The large world map which hangs in the lobby of the Gates office illustrates installations in such popular spots of news interest as Indonesia, Korea, Pakistan, West Africa, West Germany, and many similar places that are in the newspaper almost every day. Much of the press copy used for both radio and newsprint is handled through Gates international type communications transmitters. For obvious reasons, important military installations involving Gates equipment cannot be shown and the map principally illustrates only recent high powered installations.

**Safety Smoking Dunking
Stations Installed**



Recently a few safety smoking dunking stations have been installed at various locations in the plant. Because of the possibility of fire, many have followed the practice of stepping on cigarettes to make sure they are out. This is a good safety measure but it makes for very untidy working conditions. No one likes to work or even walk through an area cluttered up with cigarette and cigar butts and ashes.

These new dunking stations have water in them and they provide a safe, clean way to dispose of cigarettes and cigars. They have proved to be satisfactory and more have been

**Gates Family Night
At the Softball Park**

On Wednesday night August 6, 125 Gates softball fans took their families out to the softball park to watch our boys play ball against the Young Men's Business Club.

We did not find out just what happened, but apparently the Y. M. B. C. team heard that we were going to be loaded for them because not enough of their players showed up for the game. Consequently we won on a forfeit.

However, rather than disappoint the fans, a pick-up team was put on the field against our boys. It turned out to be a team of all-stars because after leading only 6-4 at the beginning of the last inning, they turned on the steam and ended the game with a score of 20-8.

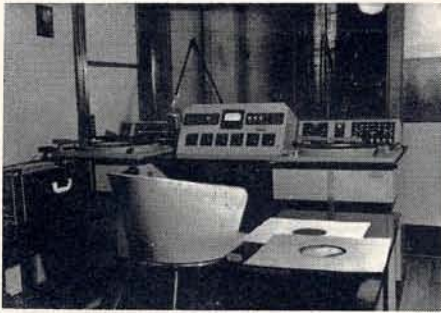
Nevertheless, everyone had a good time and found that with a little more practice, we will be able to field a good team next year.

ordered to provide additional facilities throughout the plant.

Let's all use these—make Gates not only a CLEAN place but also a SAFE place to work.

A Fire Today—No Job Tomorrow.

Quincy College Uses Gates Equipment

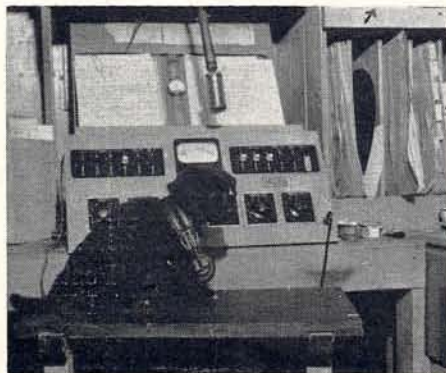


QCIM—Quincy College Intra Mural—broadcasting system started in 1946. They originally installed a model 51-CS studioette. After using this for several years they installed the present model 52-CS studioette. At the same time they also installed 2-CB-11 Gates turntables.

Various circuit arrangements were worked out by the Quincy College staff with the cooperation of our engineering staff. They have found the Gates equipment to be extremely flexible and ideally suited to their broadcasting needs.

Father Bert of the college helped design and construct the desk shown in the above picture. He tells us that their broadcasting facilities are used five hours a day by students for all standard types of programs. Students plan, direct and produce all programs which are aired to the student body by a direct wire system covering all recreational areas.

QCIM is equipped to do remote programming, all types of disc recording and tape recording. Their musical library is small but it includes a complete set of transcriptions, a wide range of classical music, and through the cooperation of a "penny bank" on the part of the students, a fairly representative collection of popular music.



The above is a picture of a Gates Studioette being used in Radio Station "Kilroy" somewhere in Korea. With a combination of the ingenious work of the GI's and the simple and easy operation of Gates equipment, they are able to turn the operations over to the Mascot—a Scottie Pup.



The above sign was just erected on our new factory site at 30th and Broadway. The foundation for the first unit of the new plant is already completed and we have hopes of moving into it shortly after the first of the year. In the meantime, our own company softball team is using the ball diamond located on this lot and an invitation has been given to the neighborhood kids to make use of it too. More about our new plant and its progress in the next issue.

500 Attend Gates Annual Family Picnic

(Continued from Page 1)

Dick Eickmeyer handled the publicity for the picnic and had many fine comments about the big sign stretched across one end of the picnic grounds. This can be clearly seen in one of the pictures on the center pages.

George Thompson and George Hanawalt were responsible for setting up and maintaining the sound equipment, which was all important for the music provided during dinner, for making announcements, and for calling the bingo games.

All photographs were handled by our Company Photographer, Bob Fisher.

The two most popular spots were the free soda and ice cream stands. Presiding at the soda stand were Hank Anderson, Bill Weed, Sr., Art Miller, Box Nixon, and Wayne Scott. Over at the ice cream stand we found Faye Fuller, Lois Recker, Alvina Rice, Norma Jean Buck, Bonnie Lefever, Eloise Mattoon, Chris Fuller, Sig Jucknies and Carl Holtman.

Before a picnic like this can be held it takes a lot of preparation. The following men spent a good portion of the afternoon out in the park carrying tables from all over the park, getting them arranged and covered, etc.: Laurence Denison, Henry Crede, Jim Dalling, Truman Wemhaner, Marcus Groh, Art Miller,

Floyd Berryman and Lewis Phillips.

The grand attendance prize of a fine portable radio was won by Sharon Kay Groh, daughter of Marcus Groh of our Sheet Metal Department. Everyone had been given a numbered name badge and the prize was given to the lucky person wearing the number corresponding to the one drawn out of a box.

Along about 9:30 after darkness had completely taken over, and after all had completely filled up on chicken, soda, ice cream, everyone pulled out for home looking forward to another big picnic next year.

General committee arrangements were in charge of Les Sieleman, Bob Flotkoetter, and Rog Veach.

Bowling Leagues Organized

Both the women and men have organized company bowling leagues and plans are under way for the men to start bowling on Friday night, August 29, and the women to start on Wednesday night, September 3.

After the railroad train had run through the two organization meetings the following officers were elected in the women's league: Katie Kahs, President; Helen Metzger, Vice President, and Alvina Rice, Secretary-Treasurer. In the men's league Clint Carter was elected President; Howard Young, Vice President, and Roger Bolt, Secretary-Treasurer.

New blouses and shirts have been ordered so everything will be set to step right out on the first night.

Gates Exhibits at I. R. E. Convention



For many years Gates has exhibited at most major conventions. Among these includes several district I. R. E. conventions and of course the main national convention at the Grand Central Palace in New York.

The above picture gives an idea of the rather extensive display at the recent I. R. E. convention. Of course, a display of this kind requires many man-hours to prepare, set up and then tear down, plus the good quality of Sales Engineers to be on the floor from early morning until late at night.

The portly appearance of some

Gates men indicate that they are well fed most of the year and probably especially well at convention time. Actually, in all fairness, the camera played a few tricks in this instance and those that may recognize the man pictured in the middle, Mr. O. J. McReynolds our Eastern Zone Manager, will agree he is nothing of the size the picture indicates. The man pictured at the right is Mr. Francis Wentura, our Chief Engineer.

We hope to greet you at the next I. R. E. convention at the Grand Central Palace in 1953.

and they all seemed to greatly enjoy our 10 o'clock coffee time. It was due largely to their speedy work that we were able to get through so soon.



L. Denison of the Shipping Dept. was the first in line.

In the afternoon, the Adams County Health Association continued to use our facilities for giving the same service to the people in the neighboring plants. Michelmann Steel Company, Hollister-Whitney Company, J. H. Miller Manufacturing Company, and the A. B. C. Packaging Company all sent people to take advantage of this free service.



The East Sub-Assembly Floor Gets Registered.

Gates People Kick-Off Adams County Mobile X-Ray Drive

On Monday morning July 7 the industrial division of the mobile X-ray drive started at the Gates Radio Plant.

Our Maintenance Men had the

power all hooked up to the big mobile trailer and ready to go at the appointed hour of 9:00 a.m.

The Shipping Department was the first to take advantage of this free X-ray service and by noon all departments had completed the job. We had practically 100% participation in this fine service.

Registration was handled by volunteer workers from the community



The Shipping Department Starts the Registration.

→ Quality **PLUS** makes **GATES** a **MUST** →



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