



Paul Zweier . . . New Man at One Boston Place



"Right now, the most important thing in my mind . . ."

Paul Zweier shifted slightly in his chair. "... is to have an active, vigorous, healthy Transmission Division." The man who now heads our Division, controlling Merrimack Valley, the North Carolina Works, and the Virginia Plant, spoke quietly with spare gestures, much the same as people who knew him remember when he worked at the Haverhill and Lawrence Shops twenty-five years ago.

Paul Zweier became our Vice President on April 1, replacing Morry Tanenbaum who is now Executive Vice President for Bell Labs. As he was moving into his new office in Boston, we spoke with him for a few moments.

"I've been here before, on visits since I left the Merrimack Valley, and I have been pleased to see the smiles of recognition from so many people, especially after 20 years." Mr. Zweier was a Department Chief in the Lawrence Plant and an Assistant Manager in the Haverhill Shops.

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San Ramon Valley Plant Announces September Closing

Western Electric announced this month that it plans to cease all manufacturing operations by September 30 at the San Ramon Valley Plant.

Henry Craddock, the plant manager, said the company is planning to close the facility "with extreme regret" but finds such action inevitable because of a substantial reduction in Bell System demand for the kind of telephone transmission equipment made at San Ramon.

Western Electric began training operations in early 1971 in rented warehouse space in Dublin, then began manufacturing operations in June, 1971, in the present 200,000 square-foot leased pilot plant.

During 1974, Western Electric reduced its work force by about 16,000 people company-wide and has laid off an additional 13,000 people thus far in 1975. The plant currently employs about 550 people. About 50 of them, who were originally transferred to San Ramon for start-up operations, will be returned to other company locations — including Merrimack Valley, which started up the pilot plant and



supplied many of the original management and engineering staff.

The company said that it has no plans to build on that portion of the Bishop Ranch property that it purchased in 1970 as the site for a proposed permanent plant. Most of the Bishop Ranch land will be sold, in accordance with the company's original intention.

1,000,000th D-3 CHANNEL UNIT SHIPPED



Doris Fillion and Dave Hilder hold the one millionth D3 Channel Unit manufactured here at Merrimack Valley, while the rest of the D3 Carrier Channel Unit Manufacturing Department takes a few minutes to congratulate each other. Department Chief Eric Knehans later remarked, "It would have made a nice souvenir, but we had to ship it out immediately."

\$200 WINDFALL SHORT - LIVED AS DOME RETURNS CHECK



Del Dome

Del Dome, Film Integrated Circuits Department, was more than a little surprised when a Western Electric check for \$207.00 arrived in the mail.

"From the information that came with the check, I knew that it wasn't for me," Del says. Actually, it was a company payment of \$300.00 less withholding, and Helen Lang, the Personnel Department Chief, was even more surprised than Del had been when he called her to ask about his eligibility. "He was completely eligible, with the exception of one qualification . . ." Helen remembers.

The reason the situation was surprising was that the checks were payments made to ladies

continued on page 4

The Story of the Unhappy Hooker

by Gus Piazza

Last month we found out that some fishermen really throw themselves into their sport. Unfortunately, the ones who don't take the proper precautions never come up for air. This month we would like to discuss briefly the second greatest hazard to which a fisherman is exposed in the pursuit of happiness, and that is the fish hook itself. While it's unlikely that the accidental hooking of oneself or another will be fatal, it is almost always painful, and in the case of an eye injury or hooking near a nerve center, can be disabling.

Most of the fishermen I know believe that more accidental snags result from side arm casting than anything else, and even an overhand cast can be dangerous if you do not remember the exact location of everyone in your group and if you are not careful of passers-by. When fishing from a boat always cast at right angles from a boat and avoid casting into the wind.

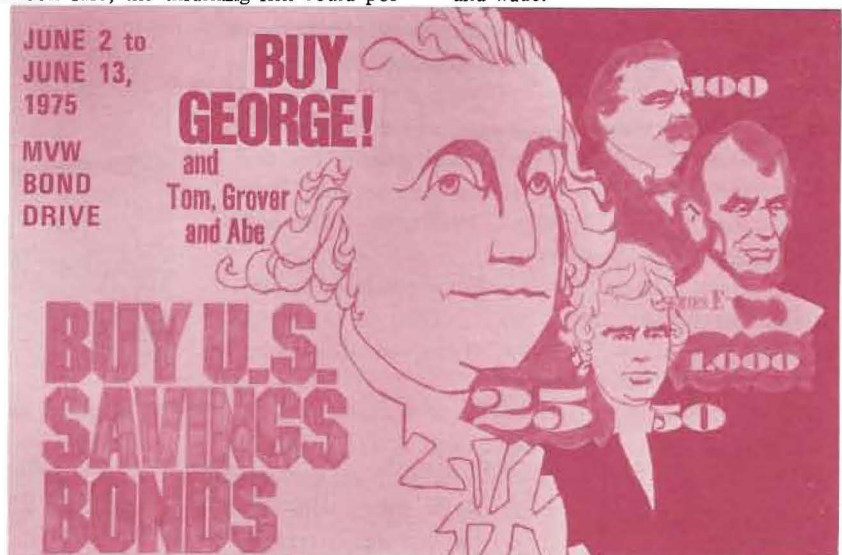
Remember that super springy rod you bought to handle those really big bass? That alone can embed a fish hook or even all the hooks on your favorite lure somewhere in your hand or face. When changing lures, baiting a hook, or clearing off reeds, always release enough slack so that the hook or lure is not under tension. A bent rod can snap the hook into your finger in an instant. Of course, just about every serious fisherman has either experienced or witnessed accidental hooking. That's why it's a must that you carry a pair of needlenose pliers and clippers. If a hook penetrates into the flesh passing the barb, normal first aid includes pushing it all the way through, cutting off the barb and removing the shank through the original wound. (Ouch!) Then both wounds should be soaked in antiseptic and treated as you would any puncture. Considering the places that a hook may have been, a tetanus shot is also advisable. If the direction of the hook is straight towards the bone, the most successful method of removal is to push the hook sideways away from the barb, opening the wound wide enough to clear the barb past the flesh. One sporting magazine recently published a method of hook removal which involved using string to provide tension on the hook to spring

it free; however, first aid authorities agree that this could damage nerve endings near the wound and should not be attempted. Of course, any accidental hooking near the eye requires that you call it a day and head straight to the hospital. Do not try to remove the hook yourself.

Finally, if you catch that big one with a multi-hook lure, the thrashing fish could pos-

sibly hook you with your own equipment. In fact, some salt water fishermen have been dragged overboard after being hooked by their own catch. When you finally get that whopper next to the boat, use a billy to stun him before you gaff him and bring him aboard.

Next time around we'll have a few words for those who neither sail nor sit, but only stand and wade.



Anniversaries

THIRTY-FIVE YEARS

Name	Dept.	June
Frank F. Balevre	81850	19

THIRTY YEARS

Bertha M. Nacy	89130	10
Victor A. David	89430	23
Gertrude Burton	89610	25
Ed M. Putnam	21940	25
Ethel O. Backard	14920	29

TWENTY-FIVE YEARS

Vincent J. Zamierowski	14160	14
Barbara K. Brousseau	81430	30

TWENTY YEARS

David T. McHale	21440	1
Mary P. Mulford	89330	1
Robert E. Ritter	21570	1
Herbert A. Williamson	12380	1
Leo E. Williams	89460	2
Reina C. Bisson	81840	4
John A. Jaskot	81640	6
John C. Crowley	89660	6
George D. Buckley	81630	7
Robert F. Wynne	21230	7
John D. Bodell	21510	8
John J. Coskren	81410	8
Claire B. Garland	81460	10
Nettie H. Hartwick	89330	10
Joseph N. Desjardins	12370	13
Grace D. Murad	81320	13
Ernest A. Reynolds	80420	13
Dorothy M. Summers	89660	13
Pearl K. Tracy	81790	13

In Memoriam

James E. Morrow, Jr., retired, May 4, 1975.

Joseph L. Leonardi, OSS Stock Maintenance and Results Department, May 9, 1975.

George A. Fleming, Statistical Quality Control Engineering, May 17, 1975.

Hazel V. Belanger, Miscellaneous Spool Coils Filters Networks and Equalizers C-62 Department, May 18, 1975.

Congressional Visitors at MVW

(Right) Congressman Paul Tsongas, Fifth District, toured the shops with Dave Hilder after he spoke with the Works staff concerning the problems shared by his district and the company. Kathy Madigan, of the 99A HIC Manufacturing Department, is in the foreground.



(Left) Congressman Michael Harrington visited the Works and addressed a meeting of Works management as part of a day-long swing through the Merrimack Valley communities he represents. The Congressman offered his opinion on the future of business in the country and how business and government can interact with each other.

Borden T. Vachon	17430	13
Geraldine C. DeMarco	81780	14
Emily D. Kulig	89630	14
Barbara E. Ray	81820	15
Donald J. Hevehan	10100	16
Paul E. Poirier	21720	18
Richard A. DeLuca	10230	20
Ann T. Khoury	81320	20
Alfred H. Killam	21440	20
Doris L. Lister	81620	20
Rena B. Cayer	89450	21
James E. Lewis	12250	21
John J. Blackwell	81820	22
Frances A. Blinn	81820	23
Charles E. Ethier, Sr.	89330	23
Stanley W. Lesiczka	81810	23
Kenneth P. Guay	81850	27
Walter C. Kostrzewa	12340	27
Ann L. Levesque	14920	27
John A. Poulbon	27410	27
Josephine K. Thompson	81790	27
Hazel V. Belanger	89610	30
Mary M. DeFrancisco	81850	30
Andrew U. LaPierre, Jr.	80420	30

FIFTEEN YEARS

Nellie S. Chiklis	89320	2
Beatrice A. Robitaille	81660	2
David B. Agazarian	12340	6

Layoffs Continue As Orders Dwindle

During the month of May, as a result of continually worsening business conditions, Merrimack Valley cut back its work force by an additional 762 people.

This month's figures bring the number of people laid off since last November, when the cutbacks began, to 1904.

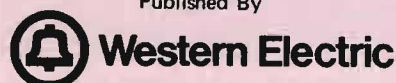
While our business is still in a slump, there are indicators that the level of our work force may be beginning to stabilize.

Ernest Belfiore	81520	6
Donald R. Bohwagner	12140	6
Hugo J. Conte	14940	6
Joanna L. DeRoche	89380	6
William J. Harty	81470	6
John A. MacKenzie	21240	6
Marjorie M. Marchand	81850	6
Nick F. Maselli	27530	6
Mary T. Perreault	89660	6
Charles Rastauskas	21940	6
Louis J. Sarto	14180	6
Raymond R. Tucci	21950	6
Alexander J. Zube	81470	6
Stella K. Bakanosky	89320	7

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Published By



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Editor

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Recycled Paper



Bill Lyons, Hybrid Integrated Circuits, shows Manager John Hess his idea which was worth \$725. Bill reprogrammed a test set so that fewer highly rated people were involved in testing D-3 Analog HIC's.

April Suggestions Total Over \$2200

Last month's suggestion awards totaled \$2,288.75, including four major awards. (Below) Judy Shaia, Systems Specification & Source Document Engineering - Toll Terminal Products, Quality, Practices (left), Olive Ward, R/C Hybrid Circuit Department (standing), and Helen Foster won \$300, \$290, and \$290 respectively for their ideas.

Other winners include:

John Marcinkevich	155.00
Francis Pierce	60.00
David McLaughlin	56.25
Gary Legg	37.50
Eva Soucy	37.50
Madeline Woodman	37.50
Thomas Carifio	25.00
William Kibler	25.00
Warren Towne	25.00
Robert Bombard	18.75
Raymond Duchemin	18.75
Joseph Filomena	18.75
James Fish	18.75
Frederick Guile	18.75
Gordon Hamilton	18.75
Guio Ottaviani	18.75
Patricia Peterson	18.75
William Ziady	18.75
Stephen Bird	9.38
Leonard Connolly	9.38
Michael Coppinger	9.38
Ralph DiFrancisco	9.38
John Donohue	9.38
Ralph Sawyer	9.38



\$200 Windfall Evaporates, from page 2

who were working in shop jobs as part of an agreement reached between Western Electric and the Equal Employment Opportunity Commission. The agreement provided for payment to women who, because of employment practices in effect prior to 1970, might have been excluded from certain jobs or who had experienced a delay in promotion.

Many people, unsure of the eligibility requirements for these special payments, have asked for a clarification. Briefly, to be eligible, one must:

Have an effective service date earlier than January 1, 1970.

After January 1, 1972, have been promoted to a grade level within a manager's organization where female population at the time of promotion represented *less than* 38% of the work force at that grade.

Have not previously been selected for and refused an opportunity for promotion to such grade level.

Have not previously held any job within the underutilized grade to which promoted.

Have completed six months of satisfactory performance on the job to which promoted.

Or, have been promoted to Grade 33 jobs which were regularly filled by the direct hiring of males during 1965 to 1970, rather than promoting from 32 Grades. For this category the 38% requirement is not effective.

The first 2,000 people, company-wide, eligible will receive payments. The cut off date for

payments is in 1978, after which, if 2,000 people have not been awarded these payments the EEOC and the company will review the possibility of an extension.

These are the requirements, except for one

more that Del, who has been the subject of an individual review of his employee record, knows well.

The recipient must be female.



NO NAMES WIN WEVALLEY CLUB MEN'S VOLLEYBALL CHAMPIONSHIP. Defeating a league of eight teams, the "No Names" have emerged as the Works '75 champions. From left: Captain Pete Filocamo, Ed Cunha, Jerry Setter, Praful Thakkar, Bob McAvoy, Ron Bolduc, Onnig Zerounian and Frank Rose.

Paul Zweier . . .

"It was an exciting time," he remembers. "The entire operation was gearing up to establish a new Works . . . In fact it was a pioneer effort in Western Electric's policy of decentralization.

"Today the complexity of the Works and the product line is most impressive . . . much more than when I worked in the Valley. Of course the products have changed quite a bit since I left."

Actually Mr. Zweier left just before there really was a Merrimack Valley Works. "Everyone was tied up in establishing the new facility out of the Lawrence and Haverhill operations. And like many others, I had an opportunity to help with some of the planning."

"In fact, it was an exciting time in my life with everything coming together in a unique combination of challenges and responsibility."

Mr. Zweier's experiences as a young man were not limited to Merrimack Valley, however, as he served in assignments at the Kearny, Hawthorne, and Columbus Works as well as Merrimack Valley's sister Works in North Carolina where he was an engineer.

In addition to his experience at several different locations, Mr. Zweier has actively pursued his education. Originally, he joined the company in 1942 with a bachelor's degree in physical science conferred from Brooklyn College in 1940. He later earned master's degrees in

T4M In Service Under the Hudson

After installation was completed and transmission tests begun on the highest-capacity, short-haul digital transmission system in the United States, the T4M, made here at Merrimack Valley, was put into service during New York Telephone's response to the switching center fire.

The new system links Newark, N.J. with New York City via a coaxial cable through the Holland Tunnel (under the Hudson River).

T4M is designed to transmit 274 million "bits" of information per second over a single coaxial tube. A typical cable for T4M, containing 22 coaxial tubes, can transmit over 40,000 two-way simultaneous telephone calls. In digital systems like T4M, information is encoded into short pulses (bits), transmitted at high rates, and decoded at the receiving end.

This initial T4M system is operated jointly by the New Jersey Bell Telephone Company and the New York Telephone Company.

With its higher call handling capacity, the T4M system helps operating companies meet increased demand for communications channels for a longer period of time before it becomes necessary to open up streets to install more ductwork.

T4M will serve as a high-capacity artery for the extensive T1 networks now in use in almost all metropolitan areas and as an entrance link for the new millimeter waveguide, a high-capacity long-haul transmission system now undergoing field evaluation in New Jersey.



" . . . It's a matter of tuning our Division to respond to the demand for our business."

science from the Stevens Institute of Technology in 1953, and business from Northeastern University in 1958. Mr. Zweier earned his doctorate from Ohio State University in 1968.

Adding to his knowledge of both North Carolina and Merrimack Valley, is Mr. Zweier's familiarity with the responsibilities involved in a Vice President's position. Since 1967 he has served as Vice President of Manufacturing Station Equipment, then of Purchasing and Transportation, and of the Engineering Division. He remarks, "I know that my job goes beyond close liaison with each of the locations in the Division, and includes important responsibilities for leadership and co-ordination. It's important that the Division continue to be relevant to the rest of the corporation, serving its overall objectives; fitting in with the rest of the company."

"Out of everything I have learned, working for Western Electric, I hope that I can provide the understanding and assistance which all the units in the Division will require as we adjust to the economy and the changes in the capital expenditures of the telephone companies . . . It's a matter of tuning our Division to respond to the demand for our business."

Paul Zweier knows that nowadays, no Bell System Vice Presidents have easy jobs . . . but then again, did they ever?

CENTREX IS COMING TO MERRIMACK VALLEY

Watch for the posters . . .

Retirements



Ann F. Capo of Portsmouth Avenue in Seabrook, New Hampshire will retire on June 30. Mrs. Capo, an Inspector in the Resistor-Capacitor Circuit Manufacturing Department, has been with the company for 19 years.

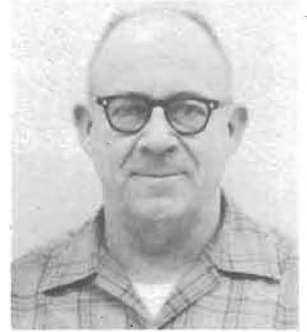


Philip B. Holmes retired on May 19 after 34 years of company service. Mr. Holmes was a Supervisor in the Tool Construction and Maintenance Department and lives on Route 2 in Chester, New Hampshire.

Alice F. Saliba, a Layout Operator in the Spool Resistor Department, will retire on June 30. Miss Saliba has worked for Western Electric for 31 years and lives on Massachusetts Avenue in North Andover.



Clarence Sturk of Priscilla Road in Haverhill retired on May 12 after 24 years with Western Electric. Mr. Sturk was a Machine Operator in the Piece Part Department.



Peter Shripsa will retire on June 2 after 23 years of company service. Mr. Shripsa is a Layout Operator in the D3 Carrier Channel Unit Manufacturing Department and lives on Norgate Road in Methuen.



Margaret A. Austin, a Layout Operator in the Quartz Crystal Unit Assembly Department, will retire on June 16. Mrs. Austin lives on Washington Street in Groveland and has been with the company for 20 years.

Edgar L. Whalen, a Maintenance Man in the Machine and Plant Maintenance Department, will retire on May 31. Mr. Whalen lives on South Grove Street in Bradford and has worked for Western Electric for 23 years.



Theodore Rudowski, a Supervisor in the Packing, Shipping, and Warehousing Department, will retire on June 27. Mr. Rudowski has over 39 years of company service and lives on Highland Road in Atkinson, New Hampshire.



Eleanor M. Chapman of Crescent Lake Avenue in Haverhill will retire on June 3. Mrs. Chapman is a Test Equipment Operator in the Small Toroidal Coil and Filter Department (C52) and has 15 years of company service.

New Handset for the Hard of Hearing

Bell Laboratories engineers in Indianapolis have designed a new coin-telephone handset to accommodate users of hearing aids that have a telephone-pickup feature... the new handset produces a harmless electromagnetic field, necessary for the proper operation of these aids, and may be identified by a blue rubber grommet on the armored cord where it enters the handset at the transmitter end.

All coin phones now being manufactured by W.E. at the Shreveport Works are equipped with the new handset... the replacement of non-compatible handsets, identified by a black grommet, will occur when they are returned to service centers for repair. Older coin phones whose handsets have no grommet on the armored cord are already compatible with inductive-pickup hearing aids... the Bell System sells a special hearing aid adapter on a nonprofit basis which can be used by hard-of-hearing customers until the conversion to the new handset is complete.

Pearl K. Tracy, a Wireman in the Digital Data Systems (DDS), 1A Radio Digital System (DUV), Plug-in Unit Department, will retire on June 13. Miss Tracy has been with the company for 20 years and lives on Francis Street in North Andover.



Donat A. LeBlanc of Stacey Avenue in Seabrook, New Hampshire, will retire on June 30. Mr. LeBlanc is a Technical Assistant in the Technical Service Department and has been with the company for 20 years.



Irene F. Moraites, a Production Service Clerk in the OSS Stock Maintenance and Results Department, will retire on June 30. Mrs. Moraites lives on Ninth Avenue in Haverhill and has over 17 years of company service.



Daniel P. Pike of Post Road in North Hampton, New Hampshire, will retire on June 8. Mr. Pike is an Operating Engineer in the Plant Services Department and has over 17 years of company service.



Henry P. Durbin, a Junior Tradesman in the Machine and Plant Maintenance Department, retired on May 31. Mr. Durbin had been with the company for 17 years and lives on Willoughby Street in Lawrence.



William E. Shann will retire on June 30 after over 16 years of company service. Mr. Shann is a Planning Engineer in the Machine Design and Procurement Engineering Department and lives on Summer Street in Andover.



Alice M. Trudel will retire on June 27 after 20 years of company service. Miss Trudel lives on Morton Street in Lawrence and is a Wireman in the N2 N3 Integrated Packaged Bay Department. (no pic)

New Changes Made In B.S.S.P. Give Flexibility To Members

The Bell System Savings Plan for salaried employees is being changed in order to provide a greater degree of flexibility and improve its usefulness to participants as of September 1, 1975.

This month eligible employees received a prospectus which included detailed descriptions of the changes. Briefly, the changes will allow plan members to:

- TRANSFER PAST INVESTMENTS FROM ONE FUND TO ANOTHER ONCE WITHIN A PLAN YEAR. For example, if employees previously invested solely in the equity portfolio, they now may transfer the value of all their units into either of the two funds or the value of their units half into either of the other two and let half remain in the originally selected part of the plan.
- PERMIT A CHANGE IN FUTURE INVESTMENT DIRECTION ANY TIME ONCE WITHIN A PLAN YEAR. Employees now can redirect their investment choices only in November.

- TRANSFER FUNDS TO AN ANNUITY UPON RETIREMENT. Arrangements will be made with an insurance company for employees who wish to use their funds for the purchase of an annuity.
- EXTEND THE MAXIMUM PAYOUT PERIOD ALLOWED FROM FIVE ANNUAL PAYMENTS UPON RETIREMENT TO 20.
- ELIMINATE 30 DAYS' ADVANCE NOTICE UPON WITHDRAWAL FROM THE PLAN. This provision will shorten the time from request to receipt of the distribution to six weeks. It now takes approximately two to three months from the time an SN-1017 (request for withdrawal) form is filed.

Did You Know That??

Laboratory services and X-rays related to a sickness or injury are covered by Blue Cross-Blue shield. You should always ask that a claim be submitted to them.

Anniversaries, from page 3

Jo Ann D. Pinto	89320	7
Mavis P. Tuccolo	81470	7
Richard C. Wengel	81410	7
Agnes F. DiMauro	81330	8
A. Joan Noyce	89610	8
Helen M. Boremi	81430	13
Louise G. Carnevale	81410	13
Anthony Clouch	80420	13
Virginia C. Deschene	81750	13
Albert R. Gauvin	89450	13
Roger G. Girardi	81640	13
Lyman S. Gray	27210	13
Ida M. Silva	89610	13
Carol B. Veilleux	81820	13
Ann J. Wilde	81850	13
James T. Rogers	14940	14
Janet Q. Carter	81820	15
Helen S. Willis	81430	15
Audrey B. Buchanan	81440	16
Margaret A. Rizkallah	89630	16
Marie A. Aliberti	89420	20
Edna F. Andrews	81630	20
Therese L. Beauchesne	81410	20
Robert M. Belcher	12340	20
Charlotte J. Bubier	81850	20
Anna K. Casper	89370	20
Mary B. Cavallaro	03660	20
William A. Flynn	12410	20
Constance P. Gendreau	89130	20
Arthur R. Goebel	12370	20
Earl H. Harlow	81780	20
Viola M. Johnston	81410	20
Rene J. LaFlamme	12340	20
Jacqueline L. Leduc	81850	20
Ann M. Maker	02320	20
Robert M. McPhee	21320	20
Blanche C. Simard	89150	20
Mary C. Smith	81820	20
Mary A. Sperounis	03760	20
Joseph R. Martin	14940	21
William J. McHale	03670	21
Virginia W. Morelli	89660	21
Irene L. Piliponis	89660	21
Alexander J. Zaccardi	12240	21
William J. Clancy, Jr.	89150	22
Jeanette H. Cooperstein	89380	22
Arlene H. Hartford	89150	22
Jeannette D. Page	89450	22
Joseph A. Pare	89450	22
Bernice S. Rembis	89480	22
Mary L. Mathon	89480	23
Ruth W. Belanger	03760	24
Kent D. Klueber	81850	24
Patricia M. Ashworth	89350	27
Catherine P. Carney	89610	27
Therese N. Conti	81530	27
Carol D. Cyr	03760	27
Lawrence I. Hodes	17150	27
Conrad P. Livernois	89320	27
Patricia M. Mellonakos	89150	27
Donald H. Raymond	27420	27
Alfred T. Sopenza	12260	27
John W. Shaw	12210	27

Kaleidoscope

Jeepers, Creepers . . .

You're not too likely to come face to face with this apparition . . . that is unless you eat too much chili before going to sleep . . . or unless you fly with the U. S. Air Force.

The major is wearing new thermal and flash protection goggles with special ceramic lenses . . . the lenses are designed by Sandia Laboratories to prevent blindness from the flash of a nuclear explosion. Sandia Labs is a Western Electric subsidiary with locations in New Mexico, California, and Nevada.



Photo courtesy of the Sandia Labs News

The fact is . . . It figures

If you felt overwhelmed working your way through the figures in A.T.& T.'s Annual Report, you might feel gratified that it's a two-way street . . . Lee Coyle of Ohio Bell introduces a speech by telling the audience that he edited the company's annual report for four years . . . "I tell you that because I want you to know that I have known suffering."

Why "Ma" Instead of "Pa"?

Ever wonder where A.T.&T. got the nickname Ma Bell?

The actual origin of the name is still a mystery . . . one former A.T.&T. Long Lines General Manager claims he heard the term as early as 1900 . . . a former A.T.&T. Public Relations Manager says he recalls hearing the name Ma Bell in 1920 when a newspaper editor referred to the Bell System that way in a speech. Soon after that speech, the label began appearing in daily newspapers . . . however, many in the Bell System feel that the labeling may have come as a result of the system's benefit program for employees which began on January 1, 1913.

Outsiders began referring to the Bell System as a protective mother because of her benefits programs.

Edwin C. Thompson	27520	27	Bertha L. Larkin	81840	29
Liberty S. Vekos	89150	27	Frederick Marchant	80450	29
Bessie M. Vigneault	81620	27	Gordon A. Melendy	14180	29
Frederick P. Welch	80450	27	Carlo J. Bracci	89440	30
Lewis Adamopoulos	80470	28	Irene J. Frizzell	89320	30
Thorvaldur Sveinbjornsson	21370	28	Etta B. Hubley	81750	30
Mary P. Bowman	89450	29	Eileen M. Lanen	81820	30