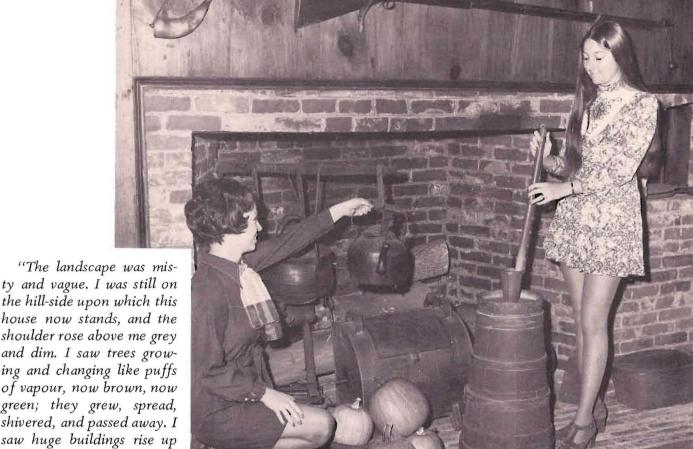


A Western Electric Publication

October 1973

# To Reach Through Time



house now stands, and the shoulder rose above me grey and dim. I saw trees growing and changing like puffs of vapour, now brown, now green; they grew, spread, shivered, and passed away. I saw huge buildings rise up faint and fair, and pass like dreams. The whole surface of the earth seemed changed - melting and flowing under my eyes."

H.G. Wells, THE TIME MACHINE

see the time machine on water street - page 6

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## **Editorial:**

We don't usually print all statements of corporate policy. They are generally available to people who want to know their content.

But here's a short statement of policy, endorsed by WE President Don Procknow, which might help all of us understand and explain Western Electric's environmental position a little better.

It is the policy of the Western Electric Company:

To comply with existing laws governing environmental protection.

To use available technology in a continuing effort to improve the environmental quality of our operations beyond the minimum legal requirements to a level that the economic needs of the business will permit.

To monitor operations with regard to environmental practices.

To conserve material through the recycling and reuse of by-products wherever such practical possibilities exist and to discourage waste in all its forms.

To include environmental considerations among the criteria by which projects, products, processes and purchases are evaluated by engineers and others who plan Western Electric manufacturing and service processes.

To support and contribute to the development of effective and meaningful environmental standards.

To develop in our employees an awareness of environmental problems and to encourage their adherence to sound environmental practices.

#### New Course Catalog In The Mail

Within the next few days all supervisors, engineers, and information systems professions will be mailed a new copy of the Corporate Education Center's Graduate Engineering and Information Systems Education Catalog.

According to the center's Graduate Engineering Education Department the new GEISE catalog has been designed as an easy aid to educational planning, with statements in the course descriptions written to be easily related to personal development needs. A new course numbering system also coincides with major subject areas, making it easier to locate courses according to one's interests.

#### In Memoriam

Roland W. Bazinet, 208 Repeater Assembly and Wiring and Test Section, October 9, 1973.

#### **Promotions**

Joseph W. Kemp, Security Guard, was promoted to Lieutenant (Section Chief), Plant Protection, on September 24. On October 1:

James H. Adams, Tester, in the HIC Stitch Bond and Test Section was promoted to Section Chief, HIC Inspection.

Lewis R. Knox, Staff Associate, became Section Chief, D-3 Shelf Assembly and Wiring.

Thomas E. C. Solomon, Group II Technician in the Test Set Maintenance Department, was promoted to Section Chief, Test Set Maintenance.

Donald M. Thompson, Engineering Associate, Tool Design Numerical Control Programming, became Section Chief, Tool and Machine Maintenance.

Mrs. Gertrude O. Trottier, L-4 Repeater Testing and Bonding Section, was promoted to Section Chief, L-4 Assembly and Wiring.

On October 15:

Bernard J. Clohisy, Production Service Clerk, Stock Maintenance Section Other Works, was promoted to Section Chief, that section.

Miss Beatrice A. Budron, Analyst, Merchandise Stock Maintenance Stock Service Metering Teletype and Files Section, became Section Chief, Order Input Processing and Editing.

Leon K. Wendell, Supervisory Development Program, was promoted to Section Chief, Stock Maintenance.

Donald F. Donovan, Product Quality Checker, Quality Appraisal and Control Section, became Section Chief, A-6 Monolithic Assembly and Testing.



Western Electric

For the information of employees of the MERRIMACK VALLEY WORKS North Andover, Massachusetts

Dept. 02040 Area Code 617-686-0600 Ext. 2594

ARTHUR BELLEVILLE Editor

> Photographer JAMES P. CHASSE

MVW NEWSLETTER Page 3

#### Anniversaries

#### THIRTY-FIVE YEARS

NAME DEPT. NOV. Clancy, William J. 81480 26

#### THIRTY YEARS

Lynch, Anna M.	10000	2
Phaneuf, Jeanne F.	89490	4
Sudol, Josephine F.	89480	4
Lord, Kenneth S.	02130	9
Brown, Helen E.	89480	10
Bolan, James F.	14160	15
McNamara, John	14560	15
White, Frederick H.	03740	15
McCaffrey, Rose D.	12430	17
Cote, Eleanor	89620	23
Sudol, Mary B.	89490	26
Vasilakis, Andrew C.	03650	29

#### TWENTY-FIVE YEARS

LeBlanc, Mabel 81480 29

#### TWENTY YEARS

Lesperance, Ida L.	81620	4
Panteles, Steven	12210	4
Penn, Donald E.	81840	4
Ashton, Kenneth W.	21960	5
Gorton, Lillian B.	81740	5
Moll, Helen S.	89620	7
Littlefield, Richard I.	03770	9
	continued on page	10

# MVW United Fund Drive Hits 109.2% Of '73 Goal



Williebell isn't the only one dancing in the aisles as over 90% of the people who work here have helped the 1973 MVW United Fund Drive reach \$355,000 in pledged donations.

Everyone associated with the Works drive; Howard Langlois and his drive committee, CWA local 1365, and hundreds of solicitors worked together to exceed this year's expected goal by 9%. During the week-long drive, the solicitors signed up 8,814 MVW people to regular payroll deductions. This kind of participation makes it possible to say, "Thanks to you it is working."

## GATTI'S GALLEY:

1/3 cup

#### APPLE PANDOWDY

1 ½ quarts apples, sliced 2/3 cup brown sugar 1 teaspoon cinnamon ½ teaspoon nutmeg molasses 1/4 cup 1/4 cup water ¼ cup (2 ounces) butter all-purpose flour, sifted 1 cup 1 1/2 teaspoons baking powder ½ teaspoon salt 2 tablespoons sugar ¼ cup shortening

Put apples in greased baking dish. Combine sugar, spices, molasses and water. Pour over apples. Dot with butter. Make biscuit for topping as follows: Sift flour, baking powder, salt, and sugar. Work in shortening with pastry blender until mixture is as fine as corn meal. Add milk to make a soft dough. Turn onto lightly floured board. Knead lightly not over 30 seconds. Pat or roll to ¼ inch thickness. Cut with 2-inch round cutter. Lay on top of apples. Brush tops with cream. Bake uncovered in hot oven (400 degrees F.) 35 to 45 minutes until apples are soft. Serves 6.

### No Danger Seen In Bell Microwave Towers

A finding by Consumer Reports that Microwave ovens can emit dangerous radiation has prompted questions about radiation emitted by Bell System microwave towers.

The fact is that any radiation from Bell System microwave towers -- that is, any power radiation even in the main beam -- is below U.S. standards for such emission.

U.S. standards specify that people should not be exposed to emissions which exceed 10 milliwatts per square centimeter. Emissions radiated by Bell System microwave antennas are many times smaller than this limit.

As a precaution against any possible hazard, Bell maintenance workers have been provided with protective clothing for such work operations, and stations are surrounded by high fences to keep trespassers out.

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### "You Don't Have To Explain It To Me-I BUILT IT!"

"See that over there? I made it." Those words are spoken proudly. But because of the types of telephone equipment made here, most Merrimack Valley Works people have never had the opportunity to see their products in use.

On November 5 and 6 New England Telephone is opening the doors of its new 4A Long Distance Center in Lawrence to all WE employees. Open house hours will be 7 to 9 p.m. Second and third shift employees can visit during special open house hours, noon to 2:00 p.m., on November 5th. In addition there will be a public open house on November 8 and 9.

The center has been built primarily to accommodate switching equipment -- the 4A long distance switching machine. Switching equipment is manufactured by another of WE's Manufacturing Divisions and is basically the equipment that allows Direct Distance Dialing.

The new 4A machine extends over a wide area, covering several floors of the new building. It is a part of the Bell System's gigantic number-finding system that currently processes over 350 million calls and thousands of radio, TV, and data transmissions each day. Just by dialing his own phone, a New England Telephone customer can use the switching system to reach nearly 134 million telephones in North America. Aside from its magnitude, the switching system is also impressive because of its incredible speed. By the time a Merrimack Valley resident has dialed the first six digits of the ten numbers it takes to reach California, the call is already in a California toll center awaiting the last four digits.

But lightning-fast switching is impossible without efficient transmission equipment to send and receive thousands of simultaneous conversations. So MVW people can find many familiar products at the 4A Center.

For example, the seventh floor houses microwave radio transmission equipment that feeds signals through the four one-ton horn antennas on the tower above the building. Visitors from the Works should be expecially

Don Donegan, New England Tel's Radio and L-Carrier Foreman, shows Wevalley Girl Beth Davis where and how the 4A Center uses some of the products made at Merrimack Valley.

The tower over Beth's shoulder stands 282 feet tall with four microwave horn antennas. Now a Lawrence landmark, the tower can also serve as a guide for MVW people on their way to the Open House.

interested in the L-4 Broadband Carrier room on the seventh floor and the sixth floor installations of T Carriers which were also made here. Some of the other MVW products used at the 4A Center include A5 Channel Banks, and D1 and D2 equipment.

The 4A Center has been built at a cost of over 60 million dollars, and it is not yet finished. Built for growth, it will accommodate much more new equipment, including an Electronic Switching System for local calls to be installed next year. The system will replace the present dial system in Lawrence which has served without fail since its installation in 1924.

Another highlight of the open house is an emergency generator to provide telephone service to the Merrimack Valley in the event of power failures. New England Tel keeps over 40,000 gallons of fuel at the center to run the huge turbine.

New England Tel's open house is not only an opportunity to see MVW equipment installed and working, but also to catch a personal glimpse inside another Bell Company.

The street address of the 4A Center is 2 Hampshire Street, off Canal Street. But don't worry, just look for the microwave tower over the canal - you can't miss it.



MVW NEWSLETTER Page 5

# TWO MORE WORKS MEN COMPLETE COLLEGE DEGREES



Al Lampariello (above), Wire Wound Resistor Toroidal Coil Filter Network and Equalizer Engineering, and Joe DeGaetano, Transmission Products Installation Engineering Carrier Systems recently finished Associate's Degrees in Electrical Engineering evenings at Merrimack College. Joe was unavailable for the picture, but sent word that Al should look twice as studious to cover for him.

#### OVER 500 MVW PEOPLE BUY SMOKE DETECTORS



Ellen Morin (left), Small Toroidal Coil and Filter Department, examines SMOKEGUARD, an early warning smoke detector which the Environmental Control and Safety Engineering Department offered for sale at cost to everyone at the Works during Fire Prevention Week. Over 500 WE and BTL people took advantage of the sale and bought the battery operated units which sound off with an 85 decibel alarm blast when they detect a smoldering fire.

From left, Ellen Morin, Clyde Brown, Hybrid Integrated Circuits Department; Tom Waldron, Resistor-Capacitor Circuit Manufacturing Department, John Cummings, Engineering-Systems Standards Department; Susan Page, Computer Accounting Systems Hourly Payroll Section; and Norm Clark, Environmental Control and Safety Engineering Department.

# Two Assistant Managers Join MVW Staff



Mr. Anthony Servello joined the Works staff on October 15, trading positions with Don Hevehan. Mr. Servello was Assistant Manager, Manufacturing Results, Forecast, Budget, and Rate Review at the Division Office in Boston; he is now Assistant Manager, Manufacturing - Apparatus and Components.

Mr. Servello previously worked at Merrimack Valley as a Department Chief in Auditing. He has studied at King's College, Wilksbury, Pa., and Lehigh University. He and his wife Jean live in Andover and have three children.



On November 1 Mr. John Souter will become Assistant Manager, Quality Control Engineering, and Inspection and Test Appraisal, holding the job concurrently with AI Sears. Mr. Sears is retiring on November 30.

Mr. Souter is Assistant Manager, Maintenance and Construction, Plant and Facilities, at the Kansas City Works. A former Andover resident, he started with WE in 1945 in the Haverhill Shops, and left Merrimack Valley in 1959. Mr. Souter is a graduate of Tufts University. He and his wife Jean have two children.

CAN YOU SPEAK

MORE THAN

ONE LANGUAGE?

Public Relations is looking for fluent translators in all foreign languages.

If you are fluent in more than one tongue, call Deysi Darias on extension 3612.

MVW NEWSLETTER

## the time machine on Water Street

from page



On March 15, 1697, Hannah Duston was taken from her home on what is now Eudora Street in Haverhill by Indians looking for prisoners and scalps in return for bounty from the French. She, another woman, and a boy later killed ten of the Indian band in their escape and brought their scalps back for the English bounty on Indians. Donna is holding Hannah's axe, Behind her is the knife used to take those scalps nearly 300 years ago.



While Joyce sets places in the kitchen of the John Ward house, Donna prepares to investigate the sleeping quarters of the two story dwelling. All the furnishings are authentic period pieces.

Excluding the imagination, there is a time machine to launch us on quest through tomorrow's tomorrow; but the are time machines to take us to the passibilitaries, memorials, monuments, and historic landmarks. And nowhere of these "time machines" intermingle yeterday with today as in New England especially during autumn. Joyce Cargand Donna Moreau visited one of or New England time machines in Haverh recently, called the Buttonwoods.

If autumn carries the annual remerbrance of colonial days, then Butto woods is the place to relive that histor. The present building was donated to the Haverhill Historical Society as a museu in 1904. It was built in 1814, or show we say rebuilt, for the original Butto woods was constructed in 1663. It lat took its name from the buttonwood (sycamore) trees planted on the ground in 1739 (one of the original stumps still extant). The history goes back ever further, however. The original resident were Nathaniel Saltonstall and his with Elizabeth.

Elizabeth was the daughter of Joh Ward, the first minister of Haverhill, wh settled in the area in 1641. His home, the oldest frame building in the city, has been moved to Buttonwoods and kept, over looking the Merrimack River, as a vehic to take visitors back to the days of Puritan settlers, Indian raids, witch trial and the first Thanksgiving days. The cover shows the house's kitchen heart where Joyce and Donna learned ho colonial women worked themselves integrily graves.

A tour through the museum's seventeen rooms brings visitors from the day when the Rev. Ward had sliding shutter on his windows to thwart attacking Indians to the years when Haverhill William Moody served at Presider Theodore Roosevelt's right hand.

Perhaps we cannot leap forward it time like H.G. Wells' time traveler, bu this month we can at least take a leisurel walk through dried cornstalks and falle leaves back to another age.



(above) Percy Holmes, Curator of the Museum, explains an old fowling piece to Donna. The barrel was extremely long to give it greater range for hunting waterfowl. The window behind them is partially blocked by a shutter that slides shut in the event of an Indian raid.

Joyce is standing in the middle of one of the first three Haverhill cobbler shops which began the local shoe industry in the 1800's. The entire shop has been moved to the Buttonwoods grounds where it stands as a complete exhibit. Joyce may not have exactly found a friend considering the generation gap involved. She is examining an Indian skull found a few years ago at Kenoza Lake.







The girls stopped a few moments in one of the old home's bedrooms to model some of the clothes preserved by the Haverhill Historical Society, and somehow found a suffragette's banner to go along with them. Buttonwoods is also looking for mannekins to use to display some of their period outfits.

Joyce and Donna paused by the intricately carved bogwood desk that belonged to Secretary of the Navy William A. Moody. Mr. Moody, a Haverhill attorney who served with Teddy Roosevelt in the Rough Riders, later became the Massachusetts Attorney General (he prepared the case on the famous Lizzie Borden hatchet murders), a Supreme Court Justice, and then assumed a cabinet post when his former commander became President. Moody's home still stands near the Buttonwoods grounds.



## "There's Only So Much We Can Do Here"

Autumn leaves are falling and the guys in the Works garage aren't too happy. Before those leaves finally settle, the first snow storm usually sneaks up and a lot of people haven't had their cars winterized.

The garage offers emergency service to employees who can't start their cars in the parking lot. But as the weather gets colder, the emergencies grow more frequent. That's why the mechanics are offering a little advice on keeping your car running through the cold weather.

First, have your car winterized, now, before winter catches up with you.

Second, get your ignition checked for reliable and easy starts, including plugs, points, battery, cable, and wiring.

Third, check your carburetion. Have frequent tune-ups and use dry gas.

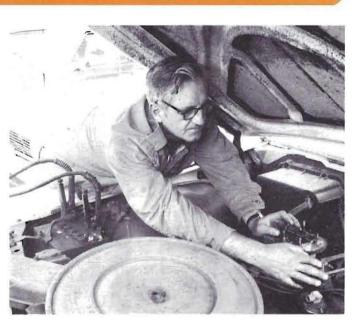
Fourth, keep your tires and brakes in good shape so that once you get started you know you can stop. And consider studded tires. An independent study in New Jersey showed that 90% of all cars involved in winter accidents were not

Tony Drelick, Garage and Grounds Maintenance, starts up one of several cars that wouldn't start one cold afternoon. Just a reminder: when jumping a car battery, remember to have the key off as well as all electrical equipment (including the dome light - so shut the door) while attaching the jumper cables. A stray spark can explode gases that accumulate around the battery.

equipped with studded snow tires.

The fact is that with more cars not starting at the end of each shift, each person who needs emergency service has to wait a little longer, and when the blizzards come it's even harder to provide service. The garage crews also man the snowplows.

Emergency parking lot service isn't the solution to a car that needs maintenance or repairs. As one of the mechanics says: "All we do is boost the battery or spray the wires. There's only so much we can do here."



"I Said, '#'."

"What?"

"#."

"What did you say?"

"I said, '#."

"I KNEW you said '#'! . . . What's a #?"

"A symbol. You use a # for the word 'number', writers use # to end their articles, it's a tic-tac-toe board . . ."

"But you said, '#'. I thought they decided to call it the 'octothorp'."

"Well, there was a rumor going around the Bell System that 'octothorp' was the new name for #, but that was wrong. They really call # 'the number sign'."

"Hey, doesn't Ma Bell have anything better to do than worry about names for #'s?".

"Oh, they had a good reason. Western Electric made over 6,700,000 'number sign' buttons last year. They're the lower right button on Touch-Tone ® telephones."

"Big deal."

MY NAME IS NUMBER SIGN MY NAME IS NUMBER SIGN MY NAME IS NUMBER SIGN

GET IT RIGHT! A rumor recently circulated around the Bell System that #'s name is Octothorp. That's not true. #'s name is emphatically number sign. In the future you're going to use the # and the \* (asterisk, that is) on the Touch-Tone ® telephones made by Western Electric for special dialing features. So, it's important you know that the name is #.

"Look, they want # to have a name so it will be easier to inform people how to use the button. It's a lot better than saying, 'Push the button that looks like a tic-tac-toe board.' "

"What's the number sign for?"

"In the future if you want to use special telephone services like call forwarding, abbreviated dialing, and three-way calling, you're going to have to use the # and the \*."

"\*?"

"\*. The asterisk on the lower left button."

"#& \*."

"Right."

"Let's play a game of #."

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#### JIM SALVO SELECTED OCTOBER'S SAFETY SUPERVISOR

The October Safety Supervisor of the month is Jim Salvo, the supervisor of the N2 and N3 Cable Forming and Process Inspection Section.

People who work in that kind of section could face two major safety hazards: the risk of eye injury from wire ends, and falls from accumulations of wire on the floors. Jim eliminated these hazards by instituting a strictly enforced eye protection program in his shop. All entrances are posted with safety glass requirement signs and cable boards with eye protection signs, and so far there have been no eye injuries or safety glass violations reported in Jim's shop. The area is also swept regularly to keep it clear of hazardous wire residue.

Jim also carries safety beyond his own section and has alerted the Safety Advisors to several hazards around the plant and has worked with the Safety Organization to correct them.



(from left) Paul Gilboard, Safety Department, congratulates Jim Salvo, October's Safety Supervisor, while Jim Machado, Bill Buckley, and Ernie Courcy, all of Jim's section, get together to see what's happening. Notice everyone's wearing safety glasses.

#### Japanese Management Attracted To MV Works



Last December Assistant Manager John Siderwitch (right) and George Marotta, Industrial Engineering, published the results of a study they conducted in motivational techniques in the N2 Carrier Shops before those shops moved to San Ramon. Not only was their article republished in Japan this summer, but as a result, a group of Japanese executives on a world wide management tour dropped by the Works this month to learn about "The Merrimack Valley Study" took place.

d on 't forget the AUTUMN FROLIC at the Haverhill Country Club on Saturday, November 10.

> Tickets \$4.00 per personsee your Wevalley Club Rep.

#### RIP OFF STAMPED OUT

Pacific Telephone announced this month that it is taking a stand against those customers who engage in the "eight-cent ripoff," refusing to place a stamp on envelopes containing their payments. In the future, payments addressed to the company without the proper postage will be returned to the sender by the U.S. Post Office. Pacific Tel estimated that it would have paid some \$140,000 in postage due by the end of the year unless it stopped accepting such mail.

DIAL 4161 TO GET A HANDLE ON THE HEADLINES

Page 10 **MVW NEWSLETTER** 

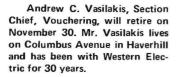
#### Retirements



Joseph O. Mercier, Chief of the N&T, A&W, P-Carrier Network, Order Wire Section, will retire on November 30. Mr. Mercier lives on Inman Street in Lawrence and has been with the company for over 41 years.



Allyn B. Sears will retire on November 30 after nearly 37 years of company service. Mr. Sears is the Assistant Manager, Quality Control Engineering and Inspection and Test Appraisal. and lives on Bartlett Street in Andover.





Leo P. Martin, a Painter in the Painting and Carpentry Section, will retire on November 30, Mr. Martin has been with Western Electric for over 16 years and lives on Greenwood Street in Lawrence.





Jeanette A. McCarron will retire on November 30 after 16 years of company service. Mrs. McCarron is a Coil Winder in the 89 Type Spool Resistor Section and lives on Bateman Street in Haverhill.

#### Anniversaries - from page 3

	NAME	DEPT.	NOV.	DeMarco, Nancy G.	89630	2	tures folksingers Kristi Carls
	Azzarito, Geraldine M.	81580	11	Lyons, Clifton A.	21430	4	Barrows, as well as ski filr
	Lahey, Albert J.	12370	14	Dzioba, Theresa P.	89360	7	Granite State. Miss Carlson
	Becker, Henry C.	27240	16	Leveille, Beverly J.	12300	7	Miss New Hampshire. In ac
	Dastous, Paul J.	21910	17	Suprin, Alberta	81840	8	Trainor, Cannon Mountain's
	Mundry, Mary M.	81590	17	Fitzgerald, Martin M., Jr.	03740	10	School Director, will discuss
	Maheu, Gloria T.	81580	18	Willan, Joseph P.	27220	10	shire skiing and answer que
	Sheehan, Dennis P.	14950	19	Daigle, Lawrence J.	81530	12	the audience.
	Lambert, Wilbert	14940	21	DiPaolo, Phillip J.	89840	13	SAFARI door prizes inclu
	Kiver, Edna P.	81530	22	Wright, Lillian H.	81430	13	of free New Hampshire skiing
	Ellis, Edward A.	27140	23	Pierce, Wilfred F.	89850	17	
	Giragosian, Anthony	81740	24	Starkweather, David C.	27510	17	-
	Desjardins, Wilfred J.	81720	25	Couture, Mary Anne L.	03770	18	Marquis, Stella A.
	Jasley, Aldona K.	14920	26	Keljook, Charles J.	14510	18	Martineau, Gerard A.
	Winters, Lorraine A.	80470	27	Psaros, Charles	12370	18	Smith, Lloyd G.
	Nimerowski, Peter A.	14940	28	Andreoli, Margaret H.	81410	20	Allen, George W.
	Deveau, Norman J.	12420	29	Nadeau, Etta M.	81550	21	Callahan, John T.
FIFTEEN YEARS			Seaman, Norma F.	89320	21	Beshara, Claire E.	
				Langlois, Emile G.	12470	24	Jaglowski, Olga N.
	Lister, Robert M.	81580	1	Mansfield, Sheila K.	81410	24	Pietrangelo, Elizabeth A.

## Ski Safari Set For Next Monday, Nov. 5

Next Monday at 7 p.m. the Wevalley Club will present the NEW HAMPSHIRE SKI SAFARI, free, for all interested employees in the Works auditorium.

For entertainment the SAFARI fealson and John ilms from the n is a former addition Tom s Assistant Ski s New Hampuestions from

clude five days ng.

Marquis, Stella A.	81850	24
Martineau, Gerard A.	89850	24
Smith, Lloyd G.	89850	24
Allen, George W.	27410	25
Callahan, John T.	27530	26
Beshara, Claire E.	89660	27
Jaglowski, Olga N.	81430	27
Pietrangelo, Elizabeth A.	81840	28

### Wevalley Club Golf Champs Bowled Over With Awards

Revere bowls were the trophies presented earlier this month to the 1973 Wevalley Club Golf Champions.

At right: Assistant Manager Ron Lindquist presented the awards to the Plant Champions Dick Scruton (left) and Cal Lewis, both of the 89000 Shops Accounting Section.

Below: Wevalley Club President Connie Mercier passes the "revered" trophy to Frank Holbrook, Multiple Wound Laminated Duolateral and Ferrite Spool Coils and Cast Resin Department, Frank is the 1973 champ of the Wednesday Night Engineers League.



Connie also handed out bowls for the Monday Night Champs (at right), Walter Conroy (left), Equipment New Design Section, and Jim Cook, Merchandise Stock Maintenance Stock Service Metering Teletype and Files Section; and (below right) the Tuesday Night Shop League Champs, Dick Lavallee (left), Small Toroidal Coil Winding Splice and Tape Section, and Don Roberts, Carrier Stores Section.

Ron also presented trophies to the Tuesday Night Office League Champs, Nap Bonin (left), Ferrite Metal Casting Plastic Molding Formed and Fabricated Parts Engineering Department, and Roger Bonin, Local Cable and Direct Wiring Shop Assistance Section.









## Kaleidoscope

They must be exercising their imagination

Forty-five percent of all adult Americans . . . that's about 49 million people . . . do not exercise . . . 55% of American Adults do exercise, but oddly enough 57% claim that they get enough exercise . . . paradoxically the people who don't exercise usually claim they get enough of a workout and the people who do exercise say they need more activity.

More Hoop-la in the big city Here's another story about ex-Celtic star Bill Russell when he was making a commercial for AT&T's Long Lines . . . during the twelve-hour filming session he was asked to put a ball through the hoop without looking . . . he did, and it's been seen on millions of TV sets already . . . but what the commercial didn't show was his accidental toss out the window . . . bouncing the ball on a street near New York's Central Park.

Elders could Mead - iate Family strife claims Margaret Three generations should live together for the good of all, advises world-famous anthropologist Dr. Margaret Mead . . . segregating the old into special communities hastens the debilitation of aging and has several adverse effects on the young . . . it deprives them of love and of education, and gives them an unnatural dread of old age . . . "Some old people are among the most radical members of their society, because they know the most about change. The experience of old people is valuable for the group."

Wrist radios and more mobile Telephones get closer each day The day of the Dick Tracy wristwatch phone might be on the way under the Bell System's plan for a high capacity mobile communications system . . . the system would permit millions of on-the-move Americans to carry radiotelephones to enable them to dial calls to any part of the world . . . cars and trucks would also come off the production line equipped with radiotelephones . . . the concept of this new mobile communications system was first presented to the FCC in December 1971 . . . it is a dramatically-different cellular system design able to serve many more users per channel than any system in use today . . . under the proposal, service areas are divided into a honeycomb of small cells, allowing channel frequencies to be used simultaneously many times over in the same urban area, using only low power equipment . . . thus the wrist telephone becomes a real possibility.

Total recall means more than Just "In Memory" New England Telephone has come up with an interesting slogan to remind its people to use seatbelts . . . "It's not only the automobile that can be called back by its maker."

YOU KNOW THAT?? Sponsored members in Blue Cross/Blue Shield (unmarried children 19 to 23) can only be enrolled during a scheduled general enrollment period held once a year. Applications will not be accepted at any other time during the year. To apply, take your child's Social Security number to the Benefit Department.