



R. L. DUFFEY
ENGINEERING

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GAT Management Newsletter

GOODYEAR ATOMIC CORPORATION

a subsidiary of

THE GOODYEAR TIRE & RUBBER COMPANY

Editor - H. McClelland

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AN AQUATIC RESEARCH facility, costing approximately \$444,000 will be constructed at Oak Ridge National Laboratory to study the effects of heated water on fish and other aquatic life. The laboratory facility is scheduled for completion in February 1972, according to a recent AEC announcement.

A GALA AFFAIR, the Sports Recognition Banquet, is planned for October 2. Congressman William Harsha is scheduled as the speaker for this very special event, which combines the Banquet of Champions and the Recognition Banquet this year.

THE AIR FORCE has awarded seven contracts, totaling nearly \$2.2 million, to Goodyear Aerospace. The largest contract, more than \$900,000, was issued by Hill Air Force Base, Ogden, Utah, and is for rotating brake disc assemblies for the F-4. All the work is to be accomplished in Akron.

ROY E. MANNING and ROGER D. JACKSON conducted a special scout training expedition at Ely, Minnesota recently. Twelve specially selected and trained scouts, ranging in age from 13 to 17, were led on a five-day 60-mile canoe trip which included 26 portages. Roy is scout master of Beaver Troop #73, and Roger is assistant scoutmaster of Stockdale Troop #71.

ARE YOU AWARE that our medical department has applications for membership in Medic Alert? Anyone who has a particular medical problem should be registered. A small membership fee entitles you to an emblem, on the reverse of which is engraved the medical problem, serial number, and an emergency telephone number. The phone number, in Turlock, California, may be called collect, by physicians and other authorized personnel, 24 hours a day to obtain a complete medical record for any emergency.

THE GT&R second quarter sales and earnings set a new record. Sales were \$954.2 million compared to \$820.5 million a year ago. Foreign operations contributed the largest share, with Akron plant earnings continuing to decline.

THE ANNUAL PICNIC, on July 24, was one of the best attended in recent years. The Grand Drawing resulted in the following employees carrying off the major prizes: GLENN N. FISHER, D-761, 15-inch RCA portable TV; HARLEY CANTWELL, D-375, Hamilton Beach mixer; STEPHEN E. TYLER, D-711, Hamilton Beach blender; BARBARA L. HICKMAN, D-550, Hamilton Beach casserole skillet.

MANAGEMENT NEWS---ON THE NATIONAL LEVEL

CONTROL DATA CORP. uses only part-time workers in the electronics subassembly plant which it has opened in a poverty area of St. Paul. Some 100 people, mainly mothers and students, were hired for production and clerical jobs starting at \$2.36 an hour. Job preference is given to disadvantaged persons and normal hiring criteria are ignored.

THE DEPARTMENT OF TRANSPORTATION and the State of California are to begin operating a transit service later this year to test three different types of steam powered buses. The engines are not the usual hot water steam engines, but use more volatile fluids which flash into steam at lower temperatures and pressures. If the tests prove successful, it is predicted that the Transportation Environmental Protection Agency will bring pressure to bear for wider use of the engines in vehicles and many other areas.

SIGN OF THE TIMES: During the period 1947 to 1957, the National Guard was alerted only 40 times, 10 of which were to control industrial labor disputes. In 1970, the Guard units were called out somewhere in the U. S. a total of 160 times.

TWO NEW BOOKLETS, "Industrial Lighting" and "Office Lighting -- Rules of Thumb," are being offered free by General Electric, Nela Park, Cleveland. If you have a need to make quick approximations of lighting system output, wattage, operating costs or fixture spacing, these booklets are for you.

BACK IN 1925 Goodyear had 15,050 men on its assembly lines in Akron. Salaried people numbered 3,700. So the total was 18,750. But the company expanded -- new plants were automated and spread out over the U.S. and the world. The corporate administrative offices remained at home. Today, in Akron, Goodyear has 6,700 hourly employees and 6,300 salary employees, about 13,000 in all. That's 5,750 less than 46 years ago. (Those figures do not include Goodyear Aerospace employees.)

CONCERN for the potential health hazard of pollution in the atmosphere has led to progressive reduction of pollutants from automobiles over the last decade. Emissions from 1970 models are only about 20 percent of those from uncontrolled, pre-1961 vehicles. New federal legislation demands, among other things, that automobile exhaust emissions be cut a further 90 percent over 1970 models by 1975.

WITHIN FIFTEEN YEARS the life expectancy of man will be significantly increased, according to Dr. Alex Comfort of London University College's research group on aging. One possibility, already proven through research to increase the life expectancy in animals by 50 percent, would be the selective use of starvation (regular meals for two days -- nothing on the third).

AMERICAN BUSINESS and industry plan to spend \$3.64 billion this year for air and water pollution controls, according to a McGraw-Hill Publication Company survey. However, the companies surveyed estimated it would cost \$18.2 billion to do a good job.

MORE ENGINEERS were graduated during the 1969-70 school year than in any year since 1950. Bachelor's degrees in engineering totaled almost 43,000; master's degrees added up to 15,548; and doctor's degrees numbered 3,620. Foreign nationals contributed 4,380 to the total, up 25 percent over the previous year. More U.S. Negroes earned engineering degrees than ever before and the number of women graduates also reached a new high, but neither group provided more than 1 percent of the totals.

AT THE CATERPILLAR Tractor Co., each supervisor picks an employee monthly who he considers to be a "Key Man in Safety." The names are then put in a hat and one drawn out. The winner gets his choice of safety shoes and a gold "Key Man in Safety" key.

ONE WAY to save on taxes and help finance your small son or daughter's college education is to set up a temporary trust. Revised tax law permits you to put in principal -- stocks or other property -- to pay up to \$1,725 annually tax-free (this goes to \$1,750 in 1973). Minimum term for a trust for a child is 10 years, and you get back the property when the trust ends.

THE BRANCH OFFICE of a large office equipment firm sent a requisition to the home office for three additional file cabinets. An executive checked on what they were storing in the ones that they had. The result was that 11 filing cabinets were emptied and made available.

SIGN OF THE TIMES: In this country, people are urged to retire before they are 65. In Soviet Russia, you are never too old to work. In fact, a man in Uzbekistan who claims to be 117 years old is working as a traffic policeman.

THOUGHTS ON MANAGEMENT

IF WE WANT the benefits of creativity, we ought to have the wisdom to teach it where it is found wanting, to encourage it where it shows signs of developing, and -- at the very least -- to tolerate it where it threatens to disrupt our comfortable status quo.

-- R. N. Hader

AVOIDING DANGER is no safer in the long run than outright exposure. Life is either a daring adventure or nothing.

-- Helen Keller

THERE ARE basically three types of thinkers. The great mass of society consists of grade three thinkers. These people rarely actually think, but instead just feel their way through life. I no longer dismiss lightly a mental process which for nine-tenths of the population is the nearest they will ever get to thought. We had better respect them, for we are outnumbered and surrounded. A crowd of grade three thinkers, all shouting the same thing, all warming their hands at the fire of their own prejudices, will not thank you for pointing out contradictions in their own beliefs . . . Since there are so many of them, there is a good chance that we will have to deal with a fair number of grade three thinkers on the job. We had better be prepared to appeal to their feelings rather than their limited capacity for thought. A grade two thinker is characterized by his delight in finding contradictions in the thoughts and actions of his fellow man who, for their part, angrily up-braid him for his negative thinking or for being a boat rocker. Grade two thinking, though it fills life with fun and excitement, does not make for contentment . . . A grade one thinker sincerely tries to free himself of prejudice and preconception. He does not let inconsistency get him down. Life for him is an endless search for the truth. Unfortunately, bonafide grade one thinkers are as rare as a rose in January, either in our society or in any specific company.

-- William Golding, "Thinking as a Hobby"

IT IS BETTER to have one man working with you than three men working for you.

-- John Luther

I AM SICK to death of this shriek for women's rights. It is doing more harm than good among women. I wish all women felt as I do; I have more rights now than I can properly attend to.

-- May Irwin, actress in 1910.

THE AVERAGE 60-YEAR-OLD needs several times as much light as a young man of 20 for the same seeing task, according to a recent report by the Illuminating Engineering Society.

-- Factory Magazine

RETIREMENT should be thought of as just one event in the stream of life -- a change in status like getting married, rather than an aspect of getting old.

-- William L. Mitchell (former U.S. Commissioner of Social Security)

A STITCH IN TIME saves nothing if your needle isn't threaded.

-- Anonymous

FAILURE is the best guarantee of future success. To fail, we have to try to do something. This in itself is an achievement, regardless of the outcome. So, try again, and build your success upon the failures of the past.

-- Earl Nightingale

TOOLS are the only one of three productivity factors (the other two are: natural resources and human energy) that man can increase without limit, and tools come into being in a free society only when there is a reward for the temporary self-denial that people must practice in order to channel part of their earnings away from purchases that produce immediate comfort and pleasure, and into new tools of production. Proper payment for the use of tools is essential to their creation.

-- No. 9 of "The Ten Pillars of Economic Wisdom"

GOOD SUPERVISION is the art of getting average people to do superior work.

-- Bits and Pieces

LEISURE time is when your wife can't find you.

-- Last Laugh

IT USED TO BE possible to run an employment ad for girls, but this is no longer true. The word "girls" indicates youth, and could cause trouble under the age discrimination law. Further, it discriminates against males, which creates problems with the EEOC.

-- Supervisory Management

THE FIRST recipe for happiness is: Avoid too lengthy meditations on the past.

-- Andre Maurois

WHO'S WHO IN MANAGEMENT

JAMES F. BAILEY, JR., is a foreman in Department 512, Nuclear Materials Handling. He supervises seven hourly employees who handle and prepare transfer receipts for all receiving, shipping, and interplant movements in compliance with Department of Transportation shipping regulations of SS material. He is also responsible for assuring that representative samples are taken and submitted to the Works Laboratory for analysis; for the safe keeping of all SS material not charged to a processing department; and for providing all cylinders and other containers in which material is transferred. He reports to R. L. SALTSMAN, general foreman.



Mr. Bailey graduated from Green Township High School, completed a course in Insurance Adjusting at the University of Dallas, Texas, and was a 1970 graduate of the GAT Pre-Supervisory Training Program. He served in the U.S. Army (1945-47) as a Corporal in the European Theater, and was employed as an instructor and inspector (1947-54) by Delco Inc. He joined GAT 1954 as a materials man, was promoted to SS materials handler in 1957, and to his present position in 1970.

Jim, his wife, Betty Lou, and their five children, Walter (16), Norman (14), Dianne (12), Kay (10), and Dorothy (5), live at Box 85-A North Street in Wheelersburg. They are members of the Franklin Furnace Methodist Church. He is a member of Western Sun Lodge #91 F&AM, Silver Compass Club, and the GAT Foremen's Club. He has long enjoyed hunting and fishing. In the last five years, he has played Santa Claus at local stores as an additional hobby.

GAT NAMES AND FACES IN THE NEWS



C. A. ECKHART



W. MULLINS



D. E. GILMORE



D. L. MAPLE



R. D. PIERCE

C. A. "CONNIE" ECKHART has been advised by the Institute for Certifying Secretaries that she recently passed four of the six categories on the examination for Certified Professional Secretary.

W. "PAT" MULLINS, DONALD E. GILMORE, and DAVID L. MAPLE comprised three-fourths of the team of scout leaders who took 14 members of Waverly Troop 76 on a three-week western expedition recently. All are committeemen for the troop. Pat, the expedition leader, has had 14 years in scouting, Dave -- 5, and Don -- 4.

R. D. PIERCE has been selected for "Who's Who Among Students in American Universities and Colleges." Darryl is a co-op student from Virginia State College and is presently assigned to Utilities Operations (D-852). His major is Chemistry.

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