



R. L. DUFFEY
ENGINEERING

D-761
X-100

GAT Management Newsletter

GOODYEAR ATOMIC CORPORATION

a subsidiary of

THE GOODYEAR TIRE & RUBBER COMPANY

Editor - H. McClelland

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YOU MAY HAVE NOTICED the 39-foot semitrailer parked in the southeast drive area of the X-744G building. It houses the Gulf Radiation Technology's Nondestructive Mobile Laboratory, known by the acronym GAMAS, and is expected to be here a total of two or three months. GAMAS is the product of a research and development contract coordinated through the Nuclear Materials Security Division of the AEC. Dave E. Rundquist, director of the project, may have already conducted a seminar for GAT personnel before you read this, or will in the near future, to provide information on the lab's equipment, its measurement capability and some experiences to date.

A PRE-BID program for some 50 representatives of various contractors interested in the X-700 building addition and alterations was held here on April 11th. Those present were briefed on what was included in the subcontract, our requirements in respect to security, equal employment opportunities, other rules and regulations necessary, and the health physics involved. The program included a tour and ended with a question-and-answer period. Quite a few employees were involved in the program, including O. E. GLEIM, chairman.

GAT plans to employ 12 people (four females and eight males) for the summer under the President's Youth Opportunity Program. They will begin their employment by June 15, if all have received their security clearance by that date.

JERRY N. LINNEMAN is a new engineer, sr., in D-761. He graduated from high school in Kenmore, N. Y., and the University of Buffalo with a BS ME degree. For 18 years he was plant engineer for the Hooker Chemical Corp. He, his wife, and 15-year-old daughter live in South Shore, Ky. MRS. ROSALYN SUE HAMILTON is a new clerk-steno in D-224. She, her husband and son live in Friendship. MRS. BRENDA S. THOMAS has been rehired as a clerk-steno in D-224. She worked here from November 1968 to October 1970.

K. M. TOMKO is this year's secretary of the International Management Council of South Central Ohio. X. S. MAROUDIS is one of the 1972-73 officers for the Portsmouth Elks. E. LITTERAL, D. E. BOYD, and W. A. LEVIER were judges at the Waverly East Science Fair. T. C. TOM TAULBEE, is the new vice-president of the Portsmouth East High School Boosters Club. R. W. SPARKS and W. F. JOHNSON presented a science demonstration to 240 junior high students at Green High School, Franklin Furnace, on April 26. DR. R. I. KAPLAN and DR. H. H. THOMAS presented a special program to 150 senior high students the following day.

MANAGEMENT NEWS---ON THE NATIONAL LEVEL

EIGHTEEN of 162 firms recently surveyed by Administrative Management use some form of rearranged workweek; 19 other companies contemplate modifying their work schedules in the near future; 92 of the 162 companies feel that a national trend toward a rearranged workweek is under way. Several of the firms surveyed moved to new schedules with either an experimental summer program or one department at a time. For example, one life insurance company instituted a 37½-hour, 4½-day week last year from Memorial Day to Labor Day. They report employees met the change in hours with enthusiasm, were sorry to see it end.

GOODYEAR now has apprentice programs in 28 locations around the world.

THE MOHAWK RUBBER CO. and the URW Local 6 in Akron have been able to increase production 25 percent in the last ½ years by jointly establishing a program to eliminate poor work practices, boosting production schedules and modernizing plant and equipment. Built in 1913, the facility produces truck and off-the-road tires and was a question mark in the company's plans until recently.

THE WORLD'S LARGEST Holiday Inn, 27 stories and 730 rooms, will open in June '72 in Toronto, Canada.

A BRITISH electronics firm has developed the "Bleeper," an "unlosable" golf ball, which emits a continuous radio signal. This signal, a whine that varies in pitch for different balls, is produced by a battery and a microminiature transmitter encapsulated in the core of the ball. Before teeing off, the golfer tunes a transistor radio into his Bleeper's signal. If a golfer hits a ball into the rough, he turns on his radio and follows the bleeps. The Bleeper is said to be equal in performance to any other ball and should emit signals for about six months.

IN THE U.S., those over 65 are called "senior citizens" or "golden agers." In Finland, they are called "the evergreens."

BOOTLEGGING CIGARETTES is a profitable business because of the difference in state taxes. For example, North Carolina gets two cents a pack, Connecticut collects 21¢; Virginia collects two and a half cents a pack while bordering West Virginia's tax is 12¢. Oregon collects four cents a pack while neighboring Washington gets 16¢.

IBM has loaned 18 employees, one each to 18 black colleges, for a year as "adjunct faculty." Sixteen of the 18 hold advanced degrees and the employees' skills in engineering, chemistry, and business were matched to curriculum needs. An interim report shows the schools are quite satisfied. In fact, Herman Smith, director of the Office for Advancement of Public Negro Colleges, said, "We need money, but give me \$50,000 or a man, and I'll take the man. I can get that much out of him and then let him go with feedback into the corporation, too."

ACCORDING TO Alan Pifer, president of the Carnegie Corp., it costs an average of \$4,000 in public money to keep a student in college for a year; \$7,500 to keep that same youth in military service; \$7,800 in VISTA and \$10,000 in the Peace Corps.

MONEY could make you sick. Two doctors at the University of Louisville School of Medicine analyzed the bacteria on 150 coins worth \$13.47 and 50 bills worth \$150. The coins were relatively safe; only 13.3 percent had potentially harmful bacteria like staphylococcus. But 42 percent of the bills had that type as well as escherichia coli. To avoid contamination from money, the two doctors suggest that we get rid of it rapidly (usually no problem for most of us). And, in order to continue their research, the doctors have agreed to accept and examine any money sent to them--and to safely dispose of all that they find badly tainted.

OCEAN LIFE Research Foundation has laid claim to two coral reefs in the South Pacific between Fiji and Tonga. Upon 400 acres of reclaimed land the Foundation plans to establish a new country called the Republic of Minerva. Officials say it will be for people who want to get away from what they call "all the horrendous realities of the world today."

ENTRY LEVEL programs for future managers and professional employees are vital. That crucial first step in a career should be designed to include several factors. Dr. Lindon Saline, manager of corporate education services, General Electric Co., stresses: (1) a challenging work assignment that shows the newcomer how his education works in the real world, (2) good supervision and coaching, (3) educational courses to accelerate his development, (4) career planning in which he learns about himself--his aspirations and abilities.

THOUGHTS ON MANAGEMENT

IT'S AMAZING how starved for information many members of first-line supervision and specialized staff employees are. Written communications periodically assure them that they are a part of management but they see little actual evidence of it. The top men in the average company spend much of their time attending meetings and most of these men in turn hold some meetings and pass on some information to the people who report directly to them. There, too often, downward oral communication stops or is conducted on a limited "need to know" basis. What a boost to morale and improved cooperation it would be if the top man in every organization would realize the importance of meeting periodically with all members of management (not necessarily at one time) for "state of the company" messages (plus a chance for questions and answers); and each manager would hold a meeting, at least every four or six weeks, so that he can pass on information to his people and they can be reassured that he is aware of their efforts and is really interested in each of them.

-- Roger D'Aprix, "The Importance of Downward Communications"

WHEN I hear a nasty rumor, I find it most behooving to frown on idle gossip . . . but I always keep it moving.

-- Nova Trimble Ashley

DESPITE much loose talk about the need for "generalists," there is little evidence that the technology of tomorrow can be run without armies of highly trained specialists. We are rapidly changing the types of expertise needed. We are demanding more "multi-specialists" (men who know one field deeply, but who can cross over into another as well) rather than rigid, "mono-specialists." But we shall continue to need and breed ever more refined work specialties as the technical base of society increases in complexity.

-- Alvin Toffler, "Future Shock"

THREE AGES of man's hair: unparted, parted and departed.

-- Listenin' In

THERE IS no use to grumble, friend, when things don't go your way. There is no need to fuss and fight, and holler day and night. The thing to do is curb your grief, cut out your little whine. And when folks ask you, "How are you?"--just say, "I'm feeling fine!"

-- Submitted by W. M. Reffit

EACH HUMAN BEING is born as something new, something that never existed before. He is born with what he needs to win at life. Each person in his own way, can see, hear, touch, taste, and think for himself. Each has his own unique potentials--his capabilities and limitations. Each can be a significant, thinking, aware, creatively productive person in his own right--a winner.

-- from the book "Born to Win" by Murial James and Dorothy Jongeward

THE NUMBER of bad decisions made in the world is far outweighed by the number of decisions which never get made at all.

-- George S. Odiorne

HOW MUCH installment debt can you handle? You're in over your head when you can no longer cope with an emergency situation. That point is reached when you: can't come up with more than \$200 cash immediately; must take longer than 12 months to pay off installment bills (excluding mortgages, and so on); are paying out more than 20 percent of your salary on installment debts.

-- Merle Dowd, money management consultant, Weyerhaeuser Co.

IF YOU think time heals everything, try sitting it out in a doctor's office.

-- Short Circuit

OVERALL, your best buys for protein are beans with pork, frozen perch fillets, beef livers, oven-ready broilers, cheddar cheese, American processed cheese, eggs, pink canned salmon, creamed cottage cheese, canned chunk tuna, oven-ready turkey, regular hamburger, and halibut steaks. Your worst buys are probably veal rib chops, sliced bologna, and chipped dried beef. Most middle and upper-class Americans eat too much meat, so consider having more main dishes made of cheese or eggs.

-- Sidney Margolius, "The Great American Hoax"

IF A SINGLE FLY can have a thousand offsprings, just think what a married fly can do.

-- William F. MacDonald

EDUCATION authorities are discovering that the one-room schoolhouse wasn't so bad after all. Some new educational plans copy the "good old ways," stressing the interaction of students of various age groups and achievement levels in mutual learning-teaching situations.

-- Robert B. Aronson, "The Education Industry"

WHO'S WHO IN MANAGEMENT

ROBERT S. NEELY is a staff engineer and section head of the Special Projects section of D-533. His responsibilities include development activities in two areas: improvements in converter development (i.e., aerodynamics improvements and/or manufacturing techniques), and power recovery equipment development. He is a member of the New Plant Task Force Committee which has the responsibility of defining the equipment and economics of an add-on or stand-alone type of new plant. He reports to C. O. LANGEBRAKE, supervisor of Mechanical Development.



Mr. Neely graduated from Avonworth High School, Ben Avon, Penn.; from the University of Akron with a BS ME degree; and from Ohio University (while working here) with a MS ISE degree. While going to school, he had a variety of work experiences including engineering trainee co-op at Parke-Davis and Co., and draftsman for Duo-Grip Brake Corp., both in Detroit; and as a lab instructor at the University of Akron. GAT employed him as a Technical Squad trainee on June 19, 1967, promoted him to engineer (7-1-68), and to his present classification on May 1, 1970.

Bob and his wife, Mary Ellen, live at 44 Park Street, Ashville, Ohio (55 miles from plant-site). She teaches French at Hastings Junior High School in Upper Arlington. They attend various United Presbyterian Churches in Columbus. He is a member of the American Society of Mechanical Engineers, Tau Kappa Epsilon (a social fraternity), and the GAT Foremen's Club. His hobbies include participation in cross-country motorcycle endurance contests, camping, canoeing, hiking, travel, and nearly all outdoor activities.

GAT NAMES AND FACES IN THE NEWS



G. N. FISCHER



O. F. TUSSEY



D. E. BOYD



R. C. WELLS

G. N. FISCHER is a member of the Board of Directors for the recent successful second annual Piketon Dogwood Festival. Glenn conducted demonstrations and sold miniature horseshoes and horseshoe nail rings in his blacksmith shop during the Festival.

O. F. TUSSEY is a member of the Bishop Flaget School Board in Chillicothe and the current commander of Veterans of Foreign Wars, Post 7645 - Waverly.

D. E. BOYD presented a paper entitled "Microprobe Studies of Dissimilar Metal Weld Problems" to the members of three subcommittees of the High Alloys Committee of the Welding Research Council at a meeting in New York on April 18.

R. C. WELLS, D-551, has been awarded an Associate in Arts degree by Ohio University. A part of Mr. Wells' work was taken under GAT's Educational Assistance Program.