

NEWSLETTER

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ENERGY MAY SHORT-CIRCUIT STANDARD OF LIVING

"Will the last one out of New York, please blow out the lantern?" This ominous message reportedly on a sign in the office of a New York utility company executive obviously is overly dramatic--but it gets attention and right now an awareness of a very real energy crisis is needed.

Gross energy consumption should be used as the most important indicator of the quality of American life, according to a nuclear physicist and energy consultant. This theory claims that if there weren't increases in energy output, there would be no increases in the country's Gross National Product and consequently no improvements in our living standards.

With the adequacy of future energy supplies in doubt, even assuming full use of some resources with questionable environmental side effects, the efficient use of energy becomes all-important.

The plain fact is that: If we continue to use energy as we have in the past, and if we maintain our present policies regarding our energy resources, there is very little chance we will be able to maintain our high standard of living over the next 30 years. A lot of things we have taken for granted--from unrestricted use of our automobiles to unlimited electric power--will fade from our lives. Rationing and restricted use will become a way of life.

The United States is the home of the "technological man" where we find 6% of the world's population using 35% of the world's total energy each year.

The impending energy crisis is a major national problem, not a hoax. This problem must be solved because our standard of living, our world status, and our technological future depend on it.

Part of the solution will be found in the long-range development of new sources of energy, but more immediate impact will result by conserving and using wisely that which already is available.

Look around home! Turn off the lights in empty rooms and turn down the thermostat. Form car pools between the neighborhood and work.

At Mueller Co., energy conservation is being practiced, too. In Decatur, Walter W. Taylor, Plant Engineering Office, has been assigned the task of implementing energy-conserving programs. For several

weeks he has been meeting with supervisors, seeking their support and suggestions.

"Are there lights that can be turned off?" "Where are the leaky air hoses?" "Is every door closing tightly?" These are the questions needing answers.

Every employee can help. Each one should look around the work area and see if there are points on

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MUELLER BOARD MEMBER, FRANKLIN SCHMICK, DIES

Franklin B. Schmick, Chicago businessman and member of the Mueller Co. Board of Directors since 1956, died November 3 in a Chicago hospital at the age of 68.

Mr. Schmick was born in St. Louis December 17, 1904, attended Washington University, St. Louis, and Lake Forrest College, Lake Forrest, Ill., and in 1951 married Lenore Mueller, granddaughter of the founder of Mueller Co.

His extensive business background includes many successful years as an investment broker, and from 1952 to 1961 he was an officer of H.M. Byllesby & Co., Chicago. He headed his own firm of industrial consultants from 1961 until his death. In addition to membership on the Mueller Co. board, he was a director of General Telephone of Illinois, Helene Curtis Industries and the Milwaukee Railroad.

Mr. Schmick was active in a number of business and civic organizations in the U.S. and the Chicago area. He was chairman of the Illinois Building Authority, a commissioner of the Chicago Park District, and a member of the National Public Advisory Committee on Regional Economic Development of the U.S. Department of Commerce, and the Michigan Boulevard Association.

He was a financial advisor to the Diabetes Association of Greater Chicago, and a trustee of Lincoln Academy, Mercyville Hospital, University of Chicago Cancer Research Foundation and the Lincoln Park Zoological Society.

"Mr. Schmick was very active in charting the future of Mueller Co. Just days before his death, he was making arrangements for our next Board of Directors meeting and making suggestions for future projects. His experience and counsel will be missed by all of us at Mueller Co.," President Harlan A. White said.

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the following list needing attention. Is it possible to:

- * Repair missing or damaged insulation.
- * Stop leaks--steam, water, compressed air, process fluids. (These items require energy to produce.)
- * Cut product losses--damage, contamination, spillage, leaks.
- * Seal off leaks of warm air out of the building during the winter.
- * Shut off flows of water, steam, air when not needed.
- * Turn off or reduce lighting.

Taylor said 24 orders have been issued, mostly relating to electrical work, to make energy-saving changes. "Ten projects have been completed, but there are many things remaining in our program of conservation. We hope the employees will let us know about measures that can be taken around them," Taylor said.

When the company pays nearly half a million dollars in utility bills for the Decatur operations annually, there must be many opportunities to conserve, one employee observed. The company sign on the office building is dark and a number of other lights have been shut off--but it's just a start.

Charles W. Moore, vice president-manufacturing, says the energy shortage is a very real situation with "long-range implications that should concern every employee."

Moore said a fuel oil shortage, which could affect heating and many production processes, is the most immediate problem in Decatur. "While the plant in California doesn't have to be as concerned as Decatur about heating, many forms of energy are necessary for manufacturing operations and there is a serious threat of an electric energy shortage in California," Moore said.

"In Chattanooga, there seems to be adequate electricity for at least the immediate future. We are so dependent on electricity for our foundry furnaces and all operations there, that any shortage could pose a serious problem, however. Various forms of energy and fuel are necessary for our operations at every plant, so each employee must be conscious of the importance of conservation," Moore urged.

Responsibilities must be shared during this difficult situation. The company must do everything within its means to secure adequate supplies of energy to meet its obligations to the community, its employees, customers and owners. Individuals have responsibilities too, as homeowners, employees and citizens.

It has been predicted the energy needs of the country will triple by the year 2000, but many experts feel a doubling of energy production by then would be a tremendous achievement.

What then will be the possible solution to meet the remaining, unfilled demands? Conservation!

Service Awards

The following Mueller employees received service awards during September.

Chattanooga

20 Years: Carl McDaniel, Jr.

Decatur

10 Years: Bruce L. Knotts, Gene E. Denton, Wilbert Horve.

20 Years: Anthony J. Schultz, Keith L. Williams, Jesse Ditty, Leon Nelson (presently assigned to Carson Clamp & Fitting Company)

40 Years: Galen Hutchens

The following Mueller employees received service awards during October.

Chattanooga

10 Years: Delta Brogden, Betty R. Buffington, Randall E. Latty.

20 Years: Ralph T. Harris, Lee R. Webb, Walter L. Walker

30 Years: Billings L. Jones

Decatur

10 Years: Gerald Durbin, Ronald L. Clutter, Richard A. Barnes

20 Years: Gerald P. Brown

Sales Representatives

20 Years: James H. McClintick

Retirements

The following list gives the retiree's job at time of retirement, years of service and date of retirement.

Outside Sales

Kenneth F. Tohill, sales representative, 22 years, 24 days, October 14.

W.R. (Bill) Augustine, sales representative, 25 years, 5 months, 23 days, November 30 (Rule of 80).

Decatur

Haldon L. Hanson, finish stores clerk, 47 years, 8 months and 9 days, October 18.

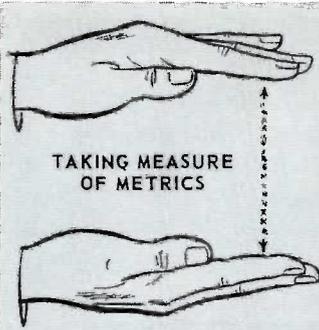
George S. Anderson, hand core maker, 45 years, 14 days, September 14.

August J. Dworak, lathe operator in Dept. 80, 47 years, 3 months and 16 days, November 2.

Brea

Dolores M. Thomson, coremaker, 30 years and 9 months, November 9.

Lillian E. Espey, casting sorter and inspector, September 28, 23 years and 6 days. (Rule of 80).



("Taking Measure of Metrics" will be a regular feature of the NEWSLETTER as it becomes more apparent that the metric system of measurements will be a part of U.S. standards sometime in the future. This feature will try to keep you apprised of activity in this area and provide an awareness for the use of millimeters, kilometers and grams.)

According to the executive director of the American National Metric Council, estimates indicate the possibility of metric legislation before the end of 1973. During the 93rd Congress 12 metric bills have been introduced in the House and one in the Senate. A Nixon-Administration-backed bill calling for the U.S. to make a 10-year conversion to metric measurement was approved by a subcommittee of the House Committee on Science and Astronautics in September.

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If Thomas Jefferson had gotten his way in 1790, the U.S. would have switched to the metric system then and this country wouldn't be among the few remaining holdouts against using metrics. About 90% of the world's population, conducting 75% of its trade, talk in metrics today.

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Ford Motor Company recently announced that its 1974 Pinto and Mustang II cars will have metric engines—the first to be produced in this country.

NEW, GIANT AIRPORT HAS MUELLER HYDRANTS

The new Dallas-Fort Worth airport, called the country's biggest, has 75 Mueller® Modern Improved Fire Hydrants in its fire protection system.

This newly-designed, low-profiled hydrant was introduced for use where surroundings or tastes demand the modern look.

Under construction more than four years, the airport's opening is still uncertain with dates varying from late this year to early next year.

The \$700 million facility has more than 17,000 acres and includes two 11,400-foot runways. Concrete used in the airport could build a four-lane highway from Dallas to Oklahoma City. The site is about 17 miles from the downtown areas of both cities and more than \$60 million went into land acquisition alone.

Four loop terminals offer the nine airlines serving the cities 66 gates and the nine-mile-long International Parkway slices the airport in half, providing quick, direct access. More than 20,000 parking spaces will be available for the 10,000 working population of the "air city" and the 12 million passengers expected to use the airport the first year.

FORMER SALESMAN DIES

George W. White, retired Mueller sales representative died in Decatur on Oct. 22 at the age of 78. Mr. White, one of the company's best-known sales representatives, covered most of Illinois from 1921 until he retired in 1953.

IT'S IMPORTANT TO SAVE ENERGY AT HOME, TOO

Each day, the average American family uses double the amount of energy it used in the 1950s, and 12 times more energy than the average world energy consumption.

To help conserve existing reserves of natural gas, coal, oil and electricity, to provide valuable time for government and industry to research and develop future sources, and to minimize the rising cost of energy, consumers are being urged to practice fuel efficiency.

The average consumer and homeowner should be able to conserve energy and reduce utility fuel bills during the winter heating season. It takes only a few simple preparations to "winterize" a house, make sure the furnace is operating properly, and to keep the home heating system operating efficiently throughout the cold weather.

Lack of insulation is a major cause of heat loss, an uncomfortably "cold" house, and high fuel bills. Since heat rises, cracks and crevices under the roof are usually responsible for the greatest heat loss. If the attic is not insulated, a 4" thickness of insulating material placed between the rafters provides an adequate insulation.

If cold drafts are entering through corners, windows, doors or other areas, seal the areas. A window or door can be tightly sealed by a roll of felt or metal stripping. Storm windows provide further protection.

An annual check of the heating system will insure that warm air is not being lost before it reaches the "living areas" of the house. Radiators, grills, vents and registers should be free of obstructions and open.

When the sun isn't shining, keep your drapes or curtains pulled to keep out the cold air.

Oh, yes. The ever-constant parental reminder of "turn off the lights, kids" has new meaning and importance today.

METALS SOCIETY CITES MUELLER

Mueller Co. and three other metals processing firms in the central Illinois area were honored recently by the local chapter of the American Society of Metals for the firms' support through sustaining memberships.

W.R. Leopold, vice president--engineering, represented Mueller Co. at the dinner meeting. The other firms recognized were: Wagner Castings Co., Decatur; Sangamo Electric Co., Springfield and Clifford Jacobs Co., Champaign.

For more than 30 years, Mueller Co. has held a membership in ASM which is an organization devoted to the promotion of the arts and sciences connected with the manufacturing, treatment, fabrication and use of metals.

KEEPIT COMPANY BEGINS J. A. YEAR

In less than three weeks, the new company was organized, stock sold, officers elected, and production begun.

Such swift action in business is possible only through the workings of the Junior Achievement program, where a new company is born and all assets are liquidated in less than a few months during the school year.

Keepit Co., a J.A. firm sponsored by Mueller Co. in Decatur, went into existence early in October with about a dozen high school-age officers and employees. Working with them in the operation of the miniature company are four advisors from Mueller Co.: Jack C. O'Riley, industrial engineer; Joseph S. Sibrava, assistant project engineer; and Sales Trainees James Kollock and William Gilbert. O'Riley, who serves as management advisor, is working for the second straight year.

Keepit Co., is producing a "Key-Pit", which is a small metal box riveted to a strong magnet, used to hide a spare key in an out-of-the-way place in your car, boat, garage or home.

In the J.A. Program in Decatur, about 200 young people have formed 11 mini-companies under the sponsorship of nine business firms and organizations.

GAS INDUSTRY SEES CONSTRUCTION RISE

Substantial increases in natural gas utility and pipeline construction expenditures are forecast over the next two years, the American Gas Association reports.

Figures based on reports of transmission and distribution companies indicated large increases in anticipated expenditures for production, storage, and underground storage. After two years of growth a leveling off, however, is predicted by the companies reporting.

Utility construction expenditures are forecast to be \$3,382 million in 1973 and \$3,560 million in 1974. These compare with work valued at \$2,822 million during 1972.

FAMILIAR FACES IN NEW PLACES

In Chattanooga, four promotions have taken place in the Maintenance Department. **Harold G. Johnson**, formerly maintenance planner, has been named to the newly created position of foundry equipment maintenance engineer. Succeeding him as planner is **Charles T. (Tommy) Blankenship**, who has been shift foreman in the Maintenance Department. **Wallace R. Hampton**, formerly assistant shift maintenance foreman, has been promoted to shift foreman, and **Cecil E. Morris** has been named assistant shift maintenance foreman.

LEOPOLD RECEIVES EDUCATION AWARD

The first Edwin F. Church Award for distinguished service to mechanical engineering education in activities other than teaching, research and administration in an educational institution has been awarded to W.R. Leopold, vice president-engineering at Mueller Co., Decatur.

He received the award from the Council of the American Society of Mechanical Engineers at the president's luncheon on Nov. 12 in Detroit during the society's winter annual meeting.

According to the citation, the Award was given to Leopold for his work and guidance with engineering departments in the development of their curricula and engineering facilities, plus working with individual students to encourage and counsel them toward engineering careers.

This year, Leopold was named to the grade of "Fellow" by ASME and received honorary awards from professional engineering groups at the University of Illinois and Rose-Hulman Institute of Technology, Terre Haute, Ind.

TAX COLLECTIONS KEEP RISING

Federal tax collections will increase about \$385 per household in the government's fiscal year ending next June 30, says Tax Foundation, Inc. Based on an advancing economy, more and higher incomes, and higher social security taxes next January, the government recently upped tax collection estimates to \$258 billion. That is equal to about \$3,686 per household, compared to the \$3,301 collection in the previous 12 months.

News Briefs

Penny Baughman, daughter of Decatur carpenter Joe Baughman, was one of 11 candidates in the Decatur Labor Day Queen Contest. The contest was one of the Labor Day activities sponsored by local unions. Penny is a senior at Stephen Decatur High School.

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The next meeting of the men retirees in Decatur will be Dec. 13 at 11:30 a.m. at Swartz Restaurant. Forty-one Mueller men attended the Nov. session.

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Arlene Farmer, a part-time Mueller Co. employee in Decatur, was one of two candidates for homecoming queen at Eisenhower High School. Arlene is working this year at Mueller Co. on a cooperative program which allows her to attend classes mornings and work afternoons. April Fields, a senior at MacArthur High School, and Arlene are the two students learning about office occupations and business through practical experience under the Co-op Program at Mueller this year.