



R. L. DUFFEY
ENGINEERING

GAT Management NEWSLETTER

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Editor - John Gedeon

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ACTING ADMINISTRATOR ROBERT FRI has indicated he intends to remain with ERDA through September in connection with the agency's transition to the Department of Energy. However he has informed co-workers he does not plan to remain as part of the DOE staff. Mr. Fri was appointed ERDA's first Deputy Administrator in March 1975. He became Acting Administrator in January of this year following the resignation of Robert Seamans as Administrator. Until he joined ERDA he was with a Washington, D.C. management consulting firm.

ON MONDAY, JULY 25, Governor James Rhodes organized a meeting in Waverly, Ohio, "cementing the relationship of governmental and local organizations" such as the Ohio Valley Regional Development Commission (OVRDC). Attending from GAT were Nate Hurt, Gerald Althouse, Dale Carver, William Schultz, and John Gedeon. The local ERDA Office also had four representatives.

THE RECENT BETTER NEWS in the job situation for engineers and scientists puts a spotlight on the long decline in that area of economic life. Employment of scientists and engineers by private industry fell from 1,085,000 in 1970 to 1,031,000 in 1975, according to the National Science Foundation. Now an index that measures recruitment advertising in this field is showing steady gains.

TIRE IMPORTS, which were insignificant until the late 1960's, will probably top \$1 billion this year. That represents about 15 percent of the total U.S. market. Increased use of similar size tires on foreign and domestic vehicles, and foreign availability of radial tires, have contributed to the import rise. Also, imported cars contain some 10 million tires.

ODDLY ENOUGH, the one who knows everything has the most to learn.

"447 ENGINEERS said they could build an atomic bomb, when they answered a questionnaire sent to them by 'New Engineer' magazine last month. However the mailing also included questions on official nuclear literature identification and only 47 of the respondents got the answers right. 188 respondents said they could not build a bomb. Of the 47, 26 respondents said they had access to plutonium or knew someone who does. Some of those who enclosed letters with their replies noted that even though they could get weapons material and build a bomb, they felt they would be spotted immediately by the authorities and would ultimately fail." - Nucleonics Week

THE LARGEST WINDMILL in history will be built during the next two years in a test program conducted by ERDA and managed by NASA. The two agencies have selected the Boeing Engineering and Construction Company to design and build the new system. A contract for about \$10 million to design, build, assemble, install and test a 2.5 megawatt (2500 kilowatt) electrical generating system, with blades spanning 300 feet in diameter, is planned.

SAVE WHILE YOU SLEEP . . . A new ERDA pamphlet describes the advantages of automatic temperature control devices, which turn down heating or cooling sources at bedtime and reset the thermostat before you awaken. "They cost less than \$40 and do not require professional installation. They save fuel and money year-round."

TOTAL ENERGY USE in the U.S. during 1976 rose 4.8 percent from 1975, reports the Department of the Interior. This reverses a two-year decline, but the figures still remain just under the U.S. energy consumption record of 1973. The energy figures, preliminary statistics for 1976, indicate that conservation efforts, especially in the industrial sector, prevented an even higher growth rate in total energy use during 1976.

WHO'S WHO IN MANAGEMENT

MICHAEL J. RAFFERTY is an Engineer Senior on the Goodyear-Carbide Management Team (GCMT). As a member of that team, he is responsible for the overall reporting, coordination of the GCMT in the Portsmouth area. He reports to JOHN A. BRACKEY, GCMT Deputy Manager.

Mike is a native of Wisconsin. He joined GAT in July 1968 as a member of the Technical Squadron upon receiving an Electrical Engineering degree from West Virginia Institute of Technology. Within the Plant Engineering Division, he became an Engineer in 1968 and a Staff Engineer in 1971. Mike was assigned to the GCMT in Oak Ridge in 1970 and returned to Southern Ohio late in 1976.



Mike and his wife, Melda, who works for the local ERDA Office, have two children, Michael, Jr., age 6½ and Matt, age 4. They live in Waverly and plan to build a house at Lake White shortly. Mike is an avid Amateur Radio fan and was Civil Defense Emergency Communications Coordinator when he was in Oak Ridge. His outside interests also include hunting, fishing, boating, and going to unusual places in a four-wheel vehicle.

The Raffertys were members of the St. Stevens Episcopal Church in Oak Ridge. He is a member of the Elks Club and the GAT Foremen's Club.

GAT NAMES AND FACES IN THE NEWS



P. J. DALOISI



C. F. FERGUSON



B. L. MCMULLEN



G. E. BARCH



D. B. BARCH

PERRY J. DALOISI, Process Technology Department, will present a paper, "Specification Testing and Monitoring of Cooling Tower Fill by Thermal Analysis," at the Seventh North American Thermal Analysis Society Conference in St. Louis, Missouri.

CARL F. FERGUSON was recently reappointed to a two-year term as a member of the Ohio University Public Broadcasting Advisory Council.

BETTY L. McMULLEN recently successfully completed her certification in Occupational Health Nursing. Besides completion of a comprehensive test, an applicant must be a licensed R.N., complete courses in occupational health nursing, have five years of experience in that field, and complete 60 hours of continuing nursing education in a 5-year period.

GREGORY E. BARCH and DEBORAH B. BARCH are now qualified instructors of CPR (Cardiopulmonary Resuscitation) for the American Heart Association. They passed a comprehensive test after completing a lecture and practical experience class.

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