

STATION NEWS

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EES

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MARCH, 1975

DeKalb Officials Visit Blue Three



Mack Bowen briefed DeKalb County officials visiting EES' waste converter operations.

A demonstration of the EES Waste Converter was conducted by members of the Technology Applications Group on February 17 at the request of the DeKalb County Grand Jury.

Howard Dean, Manager, Office of Program Development, and Dr. Mack Bowen of TAG hosted a group of DeKalb County civic leaders and officials interested in the EES waste converter research and development process as a possible solution to the County's trash and garbage disposal problems.

Members of the new and old DeKalb Grand Juries, a citizens advisory committee on trash disposal, Bob Guhl, DeKalb County Commission Chairman, and county staff members were present. They saw the "Blue Three" Waste Converter in action treating some of the County's trash.

During a subsequent discussion period in the Baker Building audi-

torium, representatives of EES discussed the pyrolysis process of treating wastes, the capabilities of the test equipment and possibilities of the system for commercial and civic usage.

The visit was a follow-up of a request for Dr. James Knight, Dr. John Tatom and Howard Dean to appear before the Grand Jury on February 4 to present information on waste recycling and processing.

Jim Knight In Puerto Rico

Jim Knight of TAG attended an Ad hoc Expert Group Meeting on the Use of Agricultural and Industrial Wastes in Low-cost Construction in San Juan, Puerto Rico during 9-13 December.

U.S. Army Missile Command Appoints Dr. Johnson

The U.S. Army Missile Command at Redstone Arsenal, Alabama, recently notified Dr. Richard C. Johnson, Manager of the Systems and Techniques Department, that he had been appointed to the Command's Scientific Advisory Group and approved by the Secretary of the Army for a two year period.

The Advisory Group advises the Commanding General of the Missile Command on scientific and technological matters, reviews the Command's operations and reports its recommendations to the General.

The March, 1975, meeting of the Advisory Group will consider the Missile Command's High Acceleration Guided Projectile Technology Program. Specific discussion topics include sensor and control system technology, microelectronics, aerodynamic and simulation studies, component hardening program, soft recovery systems, advanced concepts and future plans.

Booklet Available

Rules and Regulations for Travel have been printed in booklet form by Reports and Procedures to acquaint EES personnel with the necessary information governing travel for official duties. The material should provide answers to most questions regarding travel, although isolated problems may not have been covered. Additional information may be obtained from the Accounting Office.

Copies of the booklet are available in the EES R&P Office, first floor of the Baker Building.

New Projects

Office of Naval Research to PSD (N.W. Cox) for series interconnection of TRAPATT devices on insulating substrates — Air Force Avionics Lab to RD (J.L. Edwards) for a technique for determining radar target scintillation — Medical College of Georgia to RD (E.C. Burdette) for cryopreservation of rabbit kidneys — Roy A. Martin Associates to PSD (J.L. Brown) for fractography study of metals and plastic — Cordis Corp. to CD (J.C. Toler) for response of implantable pacemakers to pulsed electromagnetic environments — Selenia S.p.A. to RD (C.E. Ryan) for modeling of near-zone scattering — West Georgia College to PSD (J.L. Brown) for transmission electron microscopy services — Sperry Rand Corp. to PSD (C.T. Rucker) for study for an X-Band solid state diode amplifier — Amar-lite Anaconda to PSD (R.S. Ingols) for waste water treatment consulting services.

EES People on the Move

P.D. Koos, IDD, went to Orlando, Gainesville and Jacksonville Jan. 28-30 to do research on solar housing ... J.L. Birchfield, TSD, attended a conference at the National Commission on Productivity in Washington Feb. 3-7. ... R.M. Mason, NBSD, was in Washington Feb. 9-10 for a presentation, accompanied by J.S. Tiller. ... M.V. Davis, NRC, attended Symposium of Practical Application of Neutron Radiography and Gauging at the National Bureau of Standards in Washington Feb. 10-12. ... R.A. Young, ASD, went to Washington Feb. 10-12 to participate in a special NSF meeting on the future of crystallography. ... R.P. Zimmer, S&TD, participated in a workshop on microwave tube reliability in San Diego Feb. 10-14. ... N.W. Cox, PSD, was in Philadelphia for the IEEE international solid state circuits conference Feb. 12-14. ...

**It's patriotic to
conserve fuel and energy**

Energy Conferences

A full schedule of EES-sponsored Energy Conservation Conferences will be underway during March. The conferences for plant managers and area industrial concerns are a joint EES-EDA and Area Planning and Development Commissions effort. Conferences are to be held in: Athens, Mar. 6; Columbus, Mar. 13; Albany, Mar. 18; Macon, Mar. 19; Brunswick, April 2, and Savannah, April 3. Participants from EES will be **John Tatom, Howard Dean, Bob Collier, Dave Clifton, John Murphy and Max Munoz.**

A copy of all EES recruitment ads appearing in newspapers, magazines, bulletins, etc. should be forwarded to the Reports and Procedures Office. It is important that an audit trail be kept of our recruiting efforts.

Richard Karelitz, TAG, and his wife Susan became parents of Amy on January 10.

C. H. Bonham, TAG, resigned to become Deputy Director, State Energy Office.

Lang Wins Sweepstakes

T. P. Lang of NBSD was the Sweepstakes winner at the Atlanta Camellia Show for getting more first place ribbons than any other entrant. Of his 20 entered blossoms, 18 won ribbons. There were 10 first place, 5 second and 3 third. There are two judged categories, one for blooms grown indoors and the other for those grown outdoors; T. P. entered his in the outdoor category. Ribbons are awarded for each variety of bloom and based upon its color, form, texture and trueness to the variety. He said 3000 blooms were entered.

T. P. was also the subject of a recent article in the *Atlanta Journal-Constitution* about his camellia growing hobby.

Contract Developments At IDD

After a one-year pilot program in Georgia, the Farmers Home Administration is expanding its contract with IDD to cover three more states — Alabama, Florida and Mississippi. IDD evaluates business loan applications under the Rural Development Act program of the FmHA. The State FmHA Directors of the four states met at IDD March 6 to plan the expanded program. **Hardy Taylor** is project director.

The Coastal Plains Regional Commission (CPRC) has awarded IDD a \$61,000, one-year contract to conduct a pulp and paper mill feasibility study. **Tze I. Chiang** will be project director. The study will cover four major areas of investigation: (1) analysis of wood residue volume and quality and availability of small-diameter timber in likely site areas; (2) recommendation of a plant location in southeastern Georgia; (3) determination of the type and size of pulp mill or paper mill to be built in Georgia, as well as investment requirements and potential returns; and (4) investigation of markets and marketing strategy.

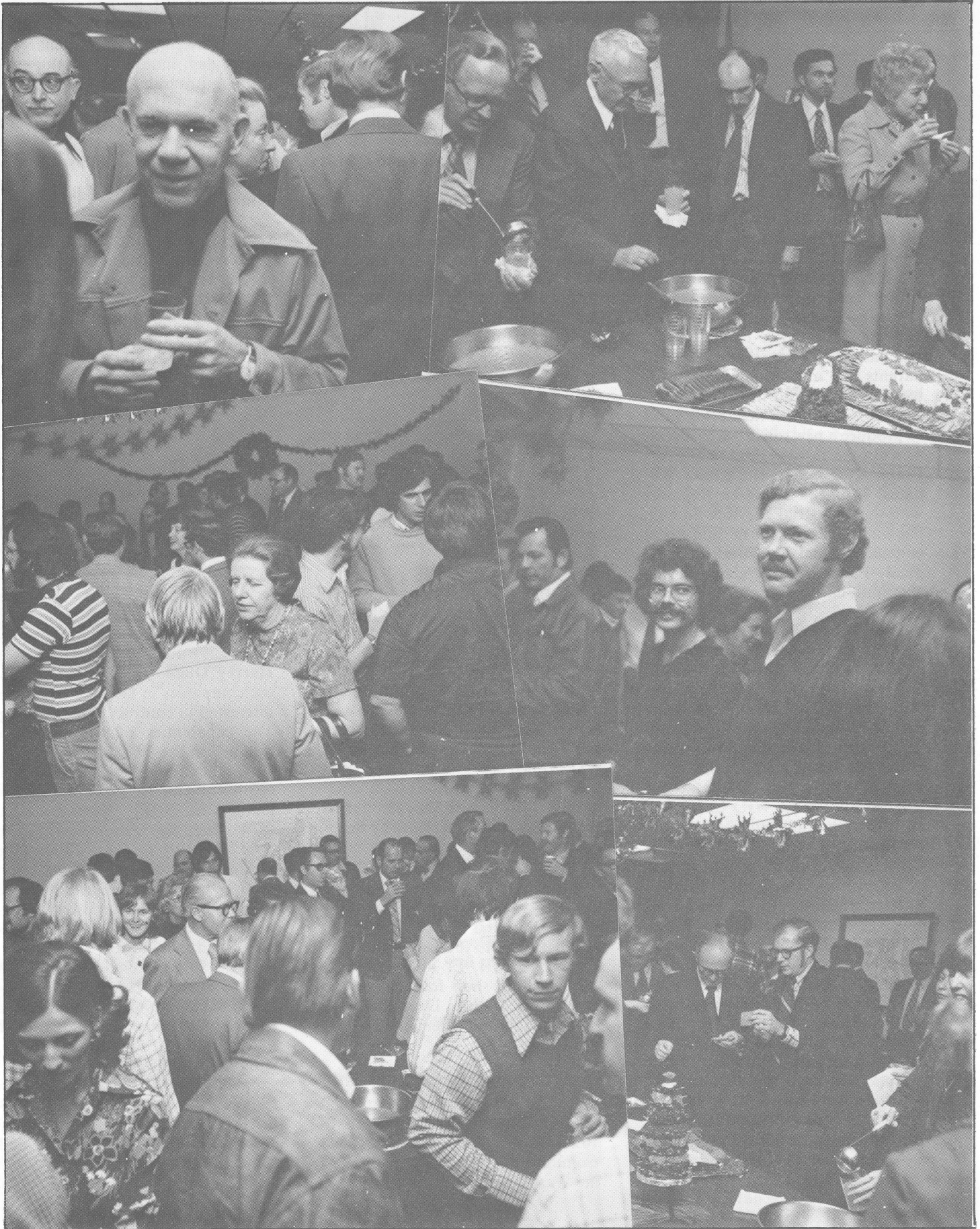
The Southeast Lumber Manufacturers Association, which is contributing another \$2,500 to the project, has indicated that, if the proposed venture is determined to be feasible, it will secure funding and establish a plant in Georgia. Results of the study can be adapted for evaluation of one potential location area in each of the other two CPRC states — North and South Carolina.

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J. A. Donovan, Editor	3405
Bonnee Wettlaufer, Ass't Ed.	3405
Betty Yarborough, Assoc. Ed.	3445
Betv Jaffe, Assoc. Ed.	3430
Ann Mintz, Assoc. Ed.	3516
M. A. Deadmore, Assoc. Ed.	3873
Albert H. Becker, Reproduction	3570

More Party Pix



NEWS OF IDD PEOPLE

R. L. (Lynn) Tessner, Research Engineer in the Augusta field office, is being promoted to Head of the Field Technical Support Section of IDD's Area Development Branch and will move to Atlanta in early March.

IDD secretary **Deborah Wooten** became Mrs. John Ray Black December 14 in Elgin, S.C. Her husband, who received his bachelor's degree from Georgia Tech, currently is working on his Master's in Industrial Engineering.

Wayne Hodges, Head of the West Georgia Area Office in Carrollton, and his wife Micky are the proud parents of a nine-pound boy, Christopher Wayne, born February 22. Wayne is the fourth field office head to produce a new son in the past year.

Welcome to new IDD employees **Frank Kingsland** and **Barbara Williams**! Frank, a Research Engineer with the Industrial Services Branch, has a background in industrial engineering and industrial management. Barbara is secretary for the International Development Data Center.

Dick Johnston, IDD, attended a Seminar on Information for Industry in Mexico City February 10-14, held under the auspices of the Latin American Commission of the International Documentation Federation. The 31 invited participants were from 18 countries and international organizations.

Ross Hammond, IDD Chief, was an invited participant in a one-day conference (March 5) at Cornell University on Science and Technology Policy in Developing Nations with Special Reference to the Industrial and Agricultural Sectors.

Bob Cassell, IDD, represented the Southern Industrial Development Council (SIDC) at the League of Economic Development Organizations meeting in Dallas, Tex., on March 4. He attended the SIDC Board Meeting in Tulsa, Okla., March 5-6.

N.W. Cox, PSD, went to Washington Dec. 11-13 for workshop on S.S. modules for antennas.

IDD Plans for Fire Protection

The Bibb County Commissioners voted recently to negotiate an agreement with the City of Macon to provide fire protection for the entire county. The Commissioners indicated general approval of recommendations proposed by **Bill Craig**, director of the Central Georgia Area Office of the Industrial Extension Service.

Craig's proposal calls for five fire companies throughout the county. The City of Macon is expected to begin answering calls as soon as the contract is approved.

Equipment and construction will be financed with federal revenue sharing funds and with increased millage rates for county residents. However, fire insurance premium rates should drop because of the better protection.

New employee in R&P is **Paulette Reichert**.

George Brock, Accounting, and his wife Donna adopted 5-month-old Robin February 13.

Jim Owen, Jr. gave his friends "It's a Girl" mints for Kimberly Anne who arrived February 7. Jim is a GRA in the Solid State Devices Group of ASD, and his wife Rosalind is a graduate student at Emory University. Kimberly contributes her bit to the family education effort by sleeping most of the time.

We extend our deepest sympathy to **Betty Squarone**, Photo Lab, whose husband passed away in February and to the families of Dan Thomas and H. L. McEwen. Dan was machine shop foreman at the time of his death in December, and H. L. was retired foreman who died in January.

... **S.N. Cole**, RD, attended RADC Course in New York Jan. 6-10. . . **M.W. Bennett**, ORA, attended Comm. on Governmental Relations in Washington Jan. 9-10

Cassell's College

Bob Cassell, IDD, was in charge of a two-day industrial development training program held February 24-26 for about 35 dealers in the Metal Products Div. of Armco Steel Corp. IDD lecturers, besides Cassell, were **David Clifton**, **Bob Collier**, **George Dodson**, **Bill Howard** and **Don Lodge**. The course was sponsored by the Armco Dealers Development Group.

Bob Cassell also announces that the Eighth Annual Basic Industrial Development Course will be held in the Continuing Education facilities on the Tech campus April 13-18. The American Industrial Development Council-accredited course is offered each year by IDD with Bob as its director. **Ross Hammond** and **Bill Howard** are the other IDD personnel on the faculty, which is drawn from academe and the development profession nationwide.

IDD Issues Reports

IDD recently printed 1,000 copies of the third edition of its perennial best-seller, *Directory of Metalworking Job Shop Capabilities in Georgia*. The directory, compiled by **Harvey Diamond**, includes most of the companies in Georgia which are interested in contract metalworking. The capabilities of 140 firms are outlined in the 1975 edition.

Another new report is an industrial engineering analysis of a fishing pole factory in South Korea entitled *Improving the Productivity of a Small Industry in Rural Korea*. The product of a team research project of Soong Jun University in Seoul and Georgia Tech, the report was authored by **Herbert Eller**, **Ross Hammond** and **Ben James**.

IDD's International Development Data Center has issued *An International Compilation of Small-Scale Industry Definitions* which contains the definitions of small industry, either official or generally accepted, supplied by 72 countries which responded to requests for this information. The report was compiled by **Kay Auciello**, **Dick Johnston** and **Linda Wagnveld**.